



THE PRESIDENT'S REPORT

the year ended June 30, 1968 / The University of Western Ontario, London, Canada

1968

REPORT OF THE PRESIDENT
AND VICE - CHANCELLOR

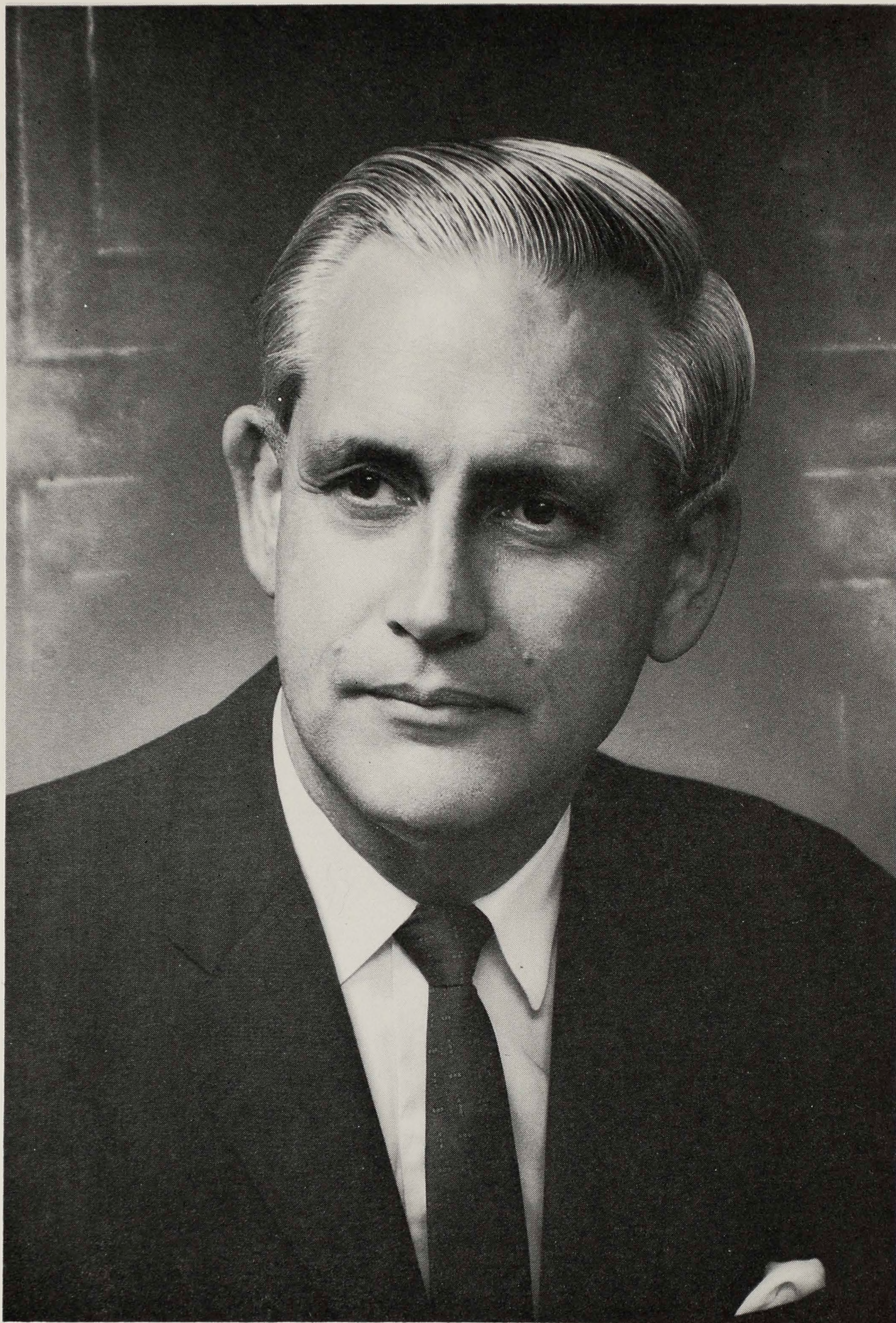
to

THE BOARD OF GOVERNORS
AND THE SENATE

For the Academic Year
Ended June 30, 1968

The University of Western Ontario

London - Canada



D. CARLTON WILLIAMS
PRESIDENT AND VICE-CHANCELLOR
OF
THE UNIVERSITY OF WESTERN ONTARIO

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REPORT OF THE PRESIDENT AND VICE-CHANCELLOR
TO THE BOARD OF GOVERNORS AND THE SENATE
THE UNIVERSITY OF WESTERN ONTARIO

1967 - 1968

The year ended 30 June 1968 was one of momentous and continuous change for Western. The proclamation of the new University of Western Ontario Act of June 1967⁽¹⁾ called for the establishment of a new Senate. At the same time Western acquired a new Chairman of the Board of Governors, a new Chancellor, and a large number of new Board members. These together with an administrative fission which created four new faculties for the teaching of Arts, Social Science, Science and Music provided the institution with more than enough to digest.

In these days a new President has no time to get acquainted with the nature of the institution over which he presides. Such courtesies as the "academic honeymoon" have vanished in the press of events. Today the new President finds himself instantly in the vortex of the whirlpool, forced to make decisions which will not be put off despite inadequate data, undertaking responsibilities the implications of which he cannot foresee and making commitments the consequences of which are often unknowable; none the less he is held to be strictly responsible and publicly accountable for it all.

But however confusing a newcomer's early impressions of Western's rapid changes may have been, that enormous thrust toward order, plus the passionate determination to liquidate ignorance which together characterize the essence of the intellectual life (and hence, also the behavior of most academic men) soon began to assert itself. The broad outlines of a general direction to and a consistency in the nature of change began to appear. It became clear, for example, that change was first aimed at a shift in the locus of power to govern, followed next by changes in broad structures and procedures, and finally by changes in curriculum. While it is true that all of these changes occurred simultaneously, their occasion was rescued from chaos by the fact that the priorities which governed their frequency of incidence occurred in the order listed above. Thus the greatest single change was the long and complicated process initiated by the new Act whereby a substantial share of power in decision-making was transferred from the Board of Governors to the Senate. By structural changes I refer for example to the decisions whereby the former Faculty of Arts and Science was dismantled and the new independent faculties of Arts, Science, Social Science and Music were established. One of the most significant procedural changes was that whereby the Senate accepted the

(1) Hereafter called the "new Act".

vital addition to this organizational process was the reciprocal election of four Senators to the Board of Governors, a provision which has in a short time replaced the misunderstandings of the past with a growing mutual respect and confidence.

The experience of a year shows that the Senate is eminently capable of wise decision. The Board has final power of initiation and veto which gives it vigour and responsibility but these powers while exercised on many matters are rarely invoked in opposition to Senate recommendations and never in academic affairs. They do however exist and all Senate legislation is framed within that context. In short, Board and Senate must agree if the University is to run properly and the critical discovery of the past year is that they do. The decisions of the Senate make a significant difference to what happens. It was for this that the faculty fought long and hard and it is now up to them to make the system work. This has been clearly recognized and Senators spend an extraordinary amount of time doing just that.

The Senate meets twice monthly for nine months and once thereafter, a total of twenty-one meetings per year. This contrasts sharply with the four to eight or so meetings per year of many other Canadian university Senates. Virtually all of its deliberations originate as recommendations from one of its three principle committees or from one of its numerous special committees. The "big three" are the Budget and Finance Committee, the Committee on Admissions and Academic Programs Policy, and the Committee on University Development. The first advises the Vice-Chancellor on the financial implications of academic policies and budgetting generally, the second scrutinizes all curriculum and admission changes and supervises relations with our affiliated institutions. The third makes recommendations on general and specific development of the University including major projects and on all space and building use, including all requests for expansion. These three committees have effectively put an end to the old dichotomy whereby the Senate tried to do academic planning in ignorance of finances while the Board built buildings and assigned priorities without access to complete evaluations of the academic implications of its decisions.

During the first year of its existence the new Senate has moved substantially in the direction of public meetings. It began by declaring its ordinary meetings closed but provided that any given meeting might be declared open by majority vote. It later reversed this stand declaring all meetings open to members of the University community up to the capacity of the Senate Chamber, to be closed only by majority vote. In addition the Senate minutes are widely available on the campus as well as to the local press.

It would be difficult to overestimate the importance of the role played by the first three student senators⁽²⁾. Their performance was first-rate and their influence correspondingly great. They quickly won the confidence of their colleagues and came to be relied on not only as a principal source of information on the student viewpoint but as able in their own right to contribute to the common task.

The significance of this development has not been lost on the student body as a whole who see, for the first time, their elected representatives participating effectively at the heart of the governing process. It is quite possible that this aspect of the Act will bring about substantial changes in the traditional form of student government even as other aspects have in the University as a whole.

A major feature emerging from the first year of the new Senate's operation is its effect on the attitudes of the faculty as a whole. Now that the faculty are genuinely able to influence the fortunes of the University they are rediscovering (or perhaps reasserting) their loyalty to it.

In summary, the Senate is vigorously asserting its authority and living up to its responsibilities. My chief concern about the Senate is implicit in my earlier comments about the heavy investment of time it exacts of all its members. Unless this can be reduced, the initial enthusiasm that launched the venture may pall thereby robbing the Senate of its mission and weakening its authority.

BOARD OF GOVERNORS

The Board's attention during the past year was directed very vigorously to changes in the structure and organization of the University arising from the implementation of the new Act. In that connection the Board was concerned as well with many revisions in its own organization and methods of operation.

Of particular note were the changes in the composition of the Board brought about by the new statute. In February, the four members of the Faculty elected by the Senate from its membership joined the Board. In the opinion of all concerned, the University has derived great benefit from the Senate's choice - Professor M. L. Barr, Professor J. A. F. Stevenson, Associate Dean W. A. Thompson, and Dean R. J. Rossiter. Three of the four previously had been observers of the Senate on the Board.

(2) William Clark (Medicine II), Robert McCulloch (MBA) and David Spence (Medicine II). They had just retired as this was written and their successors are too new in office to evaluate.

In the same month the representatives of the students on the Board provided for in the new Act took his seat for the first time. The individual elected by acclamation by the student body at large was Mr. Patrick Donohue, a student of St. Peter's Seminary. Mr. Donohue was accepted from the outset as a full member and his contributions to the deliberations and work of the Board were significant.

In January, the Board added to its membership the Vice-President, Arts and Science, and the Vice-President (Health Sciences). With this step, all three Vice-Presidents became members.

To the Board's three Standing Committees; Finance, Property and Development, and Health Sciences, a fourth was added during the year - University Affairs - to deal with matters involving the University which did not fall directly within the jurisdiction of the other three. As well, a Chairman's Coordinating Committee including the Chairman of the Board, the Vice-Chairman, and the Chairman of the four Standing Committees was created to effect closer liaison between the Chairman and the Vice-Chairman of the Board and the Standing Committees.

Along with the President and Vice-Chancellor and the Senate, the Board was heavily involved during the year in the organization of, and appointments to, the University Liaison Committee and the Assembly of the University, each a new body established by the 1967 statute.

The year saw the retirement from the Board's ranks of three of its most senior and distinguished members - Mr. W. L. Duffield, Colonel J. G. Thompson, and Colonel D. B. Weldon. Mr. Duffield had first joined the Board in 1941 and had retired as Vice-Chairman on 30 June, 1967. Colonel Thompson, who had served as a member for 21 years and as Vice-Chairman for the last six months of that period, retired in December, 1967. Colonel Weldon, first appointed to the Board in 1946, retired as Chairman and as a member in October, 1967, being appointed Chairman Emeritus at that time.

Fitting tributes were paid by the Board to these three gentlemen who were deeply admired and respected by their colleagues. Each had given most liberally of his time and talents to the work of the Board, and had served the University well over a very lengthy period. Especially worthy of recognition were the efforts of Colonel Weldon as his term of office encompassed the years during which the University had been transformed from a small, local institution to one of national and international reputation. The new University Act owed much to his leadership and energy.

Mr. Duffield, Colonel Thompson, and Colonel Weldon were replaced as members of the Board by Mr. R. M. Ivey, Mr. W. C. P. Baldwin, and Mr. W. H. Rea respectively. Mr. A. E. Shepherd was elected Chairman in Colonel Weldon's stead, and Capt. J. Jeffery succeeded Colonel Thompson as Vice-Chairman.

On 30 June, Dr. M. K. Inman retired as Vice-President, Arts and Science, and consequently as a member of the Board. He leaves a special and enduring imprint on the University as a teacher and administrator during a period extending over more than forty years.

CHANCELLORSHIP

On 30th September, Mr. V. P. Cronyn retired as Chancellor. His term had expired the previous 30 June, but he graciously consented to remain in office until September. As Chancellor, Mr. Cronyn had contributed unselfishly in many ways to the welfare of the University, especially as General Vice-Chairman of the Western University Fund, 1963.

Mr. Cronyn was succeeded by Dr. A. W. Trueman who was the unanimous choice of the Electoral Board composed of six members of the Board and six members of the Senate, as stipulated under the new Act. Dr. Trueman is uniquely qualified to occupy the office in view of his many years of experience in academic life as well as in national affairs and his election was universally acclaimed. His installation as Chancellor took place at the 1967 Fall Convocation.

SENIOR ADMINISTRATIVE REORGANIZATION

In March 1968, and on the recommendation of the Senate, it was agreed to establish a new senior position - that of Vice-President (Academic) and Provost. With the coming into being of this office and the reorganization of the Faculty of Arts and Science, the position of Vice-President, Arts and Science was abolished as of 30 June, 1968 on the retirement of Dr. Inman.

In June and as a consequence of the changes above-mentioned the Board approved a recommendation of Senate that the post of Vice-President of the University should be re-named that of Vice-President, Administration and Finance. Mr. R. B. Willis continues under this new title the same devoted service he has given the University for so many years.

THE ASSEMBLY

This large and rather amorphous body was provided for in the new Act. It consists of representatives of all parts of the University and of the community at large. It exists to provide an annual forum for the discussion of University affairs in liaison with the community.

THE LIAISON COMMITTEE

This fifteen man committee consisting of five members each from the Board of Governors, the Senate, and the Student Councils meets bi-monthly to consider any items that may be referred to it from any of its parent bodies. It is a consultative committee existing to ensure that there will always be a channel

of communications available where the problem in question is not easily referable to any of the standing committees of the University. While much of its early work has been procedural, it has also identified a number of potential sources of difficulty. It has been able on occasion to resolve misunderstandings on the spot but more often its function has been to identify and secure general agreement on the best means available for handling such problems.

EVENTS AT WESTERN, A CHRONOLOGY

In the midst of changes in government, the physical and academic growth of the University continued to provide better facilities for a growing enrolment. September saw the beginning of work on the new Students' Residence Complex, the first to be built under the new government student housing scheme. In October work started on the new addition to the Law School and Colonel Weldon laid the cornerstone of the new Dental Sciences Building. The new Biochemical Engineering Laboratory was opened by Dr. K. C. Charron, Deputy Minister of Health, in December 1967. In January 1968 the Board approved the design of the new Library and the expansion plans for the School of Nursing. Work also began on the Heating Plant addition and the expansion of the Steam System. In February the generous gift of the Weldon family made possible the actual start of the newly named D. B. Weldon Library. By May the plans for a new addition to the Engineering Building had begun.

The year was also marked by a series of events of academic and administrative significance. The list appended is illustrative rather than exhaustive. August saw the first International Medical ETV Festival with entries from Europe and the U.K. as well as from the U.S.A. and Canada; a significant "first" for Western. We also initiated the first Summer Academic Counselling Program with the help of a contribution from the Atkinson Charitable Foundation. About 75% of the freshman intake, most of them with their parents, took part in this highly successful venture.

Again, we initiated a Summer School program in Owen Sound under the direction of Miss A. Armitt and the Department of Extension.

September saw the beginning of the Province-wide Inter-University Library Transit Loan System; a most successful undertaking illustrative of the emerging "system" of Ontario universities, of which more later. In November the President and Board stated their position on the illegal use of drugs and the President appointed an advisory committee chaired by Dean A. W. R. Carrothers to investigate and report on the relations of the University to the social behavior of its members.

In May, five convocations were held and 1774 graduate and undergraduate degrees were conferred by Chancellor Trueman. The University was especially pleased to confer honorary degrees on the distinguished men listed below:

Dr. F. K. Hare - LL.D.	-	geographer and President-elect of U. B. C.
Dr. D. O. Hebb - LL.D.	-	psychologist, McGill University
Col. Edward Churchill - LL.D.	-	the builder of Expo
Dr. K. C. Charron - LL.D.	-	Deputy Minister of Health, Province of Ontario
Dr. John Kenneth Galbraith - LL.D.	-	economist, Harvard University
Dr. R. B. Woodward - D.Sc.	-	chemist, Harvard University

Earlier in May the University was honored by the visit of Dr. Christiaan Bernard who lectured on his pioneering of heart transplant surgery.

RETIREMENTS

The University acknowledges with special gratitude the devoted long-time service of those who retire this June. To Mr. F. Murray McNie who became a legend in his own time among generations of Western's athletes, to Mr. Jim Rivett who gave 43 unselfish years to this University, and to Mr. Jack Glover of the Department of Buildings and Grounds we extend our warmest wishes for many happy years ahead.

Our best wishes also accompany Dr. J. C. Paterson of the Department of Pathology, a valued member of the staff for 23 years, and Dr. Mark Inman, the retiring Vice-President of the Faculty of Arts and Science. Dr. Inman's long service and devotion to Western is referred to elsewhere in this report.

SYSTEM EMERGING

One might easily reach the conclusion that all the significant events were taking place on the campus, yet such is far from being the case. There is emerging in Ontario a new, complex and unique system of higher education that bids fair to become, if it is not now, one of the best in the world.

Western, as the second largest of the fourteen universities comprising the system has inevitably been shaped by it. While full details are available elsewhere* it is appropriate to indicate some of the major consequences of membership. The traditional isolation coupled with mild mutual suspicion and distrust that used to characterize all Ontario universities has gone. Necessity compelled us to band together through the Committee of Presidents of the Universities of Ontario in dealing with the Provincial Department of University Affairs through its buffer Committee on University Affairs. We have identified a whole series of system-wide problems and, in a series of research reports, have been able substantially to influence developing governmental policy.

The most significant single achievement of the system has been the establishment of a formula by which government operating grants to universities are determined. Thus equipped Ontario universities may for the first time estimate with reasonable accuracy what their future incomes will be instead of standing hat in hand for an annual grant.

Another item of major significance has been the Inter-University Library Transit System referred to elsewhere in this report.

We aspire to be in Sir Eric Ashby's phrase: "a collective autonomy", joining forces for the achievement of those things which will benefit the system as a whole, yet striving at the same time to retain our uniqueness as individual institutions and our autonomy as self governing ones. Indeed, if the system is to develop and realize its present promise we have speedily to devise means whereby our traditional freedoms can be guaranteed while we devote ourselves more fully to exploring and in the best sense of the word exploiting the system concept. To a significant degree the shape of the university of the future depends on the outcome.

A handwritten signature in cursive script, appearing to read "Leo J. ...". The signature is written in dark ink and is centered on the page.

* see "System Emerging" Report of CPUO 1966-67
and "Collective Autonomy" Report of CPUO 1967-68

THE UNIVERSITY SENATE

Report of the Secretary

Professor J. K. Watson

The Report of the Senate for 1967-68 records a significant event in the University's history. On December 1st, 1967, the date of the first meeting of the Senate created by the 1967 Act, the transition was made to a new concept of university government in which a new concept of Senate was incorporated. In the winds of change of the late 1960's, there is no doubt that this University was in advance of the storm, and that other Canadian universities are watching progress of our solution towards the success or failure of the new concepts.

Official credit for leadership in the change must be accorded the former President, Dr. Hall. It was at his suggestion in 1965 that Senate undertook a self-examination of its composition, functions, and role in university affairs, and it was with his co-operation that legislation was passed less than two years later based on the philosophies of the Senate study.

Following the passing of the Act in June 1967, an Ad Hoc Committee of Senate was in constant session throughout the summer planning details for Senate operation within the provisions of the Act. The Report of the Ad Hoc Committee was important, since it provided the basis from which the Senate resolved its organization. It is interesting to note that the recommendations for policy committees and their terms of reference followed in the main those of the Senate Policy Committee established July 1966 after the first Report of the Senate Review Committee.

In October the "old" Senate, established by the University Act 1955, declared itself ultra vires and wished the "new" Senate success in its undertakings.

The first major policy decision made, and at this point probably the most significant, was that Senate should be a working body. While the Act provided that at least four meetings be held annually, Senate scheduled its meetings twice monthly for the next seven months.

Summarizing committee structure, policy committees were established to create and recommend policies to Senate on university development, and academic development. Operational committees were established to carry out Senate business not involving policy-Agenda, Convocation, Honorary Degrees, Nominating. Two innovations in committee structure were introduced, a Budget and Finance Committee to make recommendations to Senate on the relationship between academic development, and monetary policies, and an Operations Committee to supervise functions of Senate.

Important policy decisions were made on three long-debated issues: appointment procedures for academic administrators and university officers, the College system versus the creation of new Faculties, and student representation on policy-creating bodies of the Faculties and Schools. Other issues were introduced but had not been resolved by June 30th, not the least of which was Senate action on the recommendations of the Carrothers Report on Social Behaviour.

In the context of student participation in university government, it must be recorded that the students elected to Senate under the provisions of the Act made valuable contributions to Senate debate and justified the faith not only of their electors but of the drafters of the University Act.

At the 200th Convocation of the University in September, President Williams was installed as Vice-Chancellor. At the 201st Convocation in October, Dr. A. W. Trueman was installed as Chancellor.

Degrees and Diplomas conferred at the 201st and 202nd Convocations are as follows:

Honorary	6
Post Baccalaureate	331
Baccalaureate	1848
Diplomas	23

FACULTY OF GRADUATE STUDIES

Report of the Dean

Professor R. J. Rossiter

During the year 1967-68 the Faculty of Graduate Studies has continued to expand rapidly. In July 1967 Professor W. J. McClelland, Department of Psychology, was appointed Assistant Dean in the place of Professor N. L. Nicholson, who became Dean of University College. Professor McClelland assumed responsibility for enquiries, admissions, registration, fellowships and scholarships. In addition, Mrs. B. Potts, Secretary to the Dean, became Administrative Assistant, responsible for the administration of Ph.D. Faculty Oral Examinations and the Province of Ontario Graduate Fellowship Programme.

Professor E. W. Warnhoff, Department of Chemistry, was elected Secretary of the Faculty, to serve for a two-year term in succession of Professor H. B. Stewart, Department of Biochemistry.

In January 1968, Professor H. W. Baldwin, Department of Chemistry, was appointed to the position of second Assistant Dean. Professor McClelland continued to co-ordinate the activities of the Business Administration, Humanities, Library Science, and Social Sciences Divisions, while Professor Baldwin became responsible for the Engineering Science, Medical Sciences, Natural Sciences, and Nursing Divisions. During the absence of the Dean in the Soviet Union and the Peoples' Republic of China in January and February, Professor McClelland, Professor Baldwin and Mrs. Potts cheerfully ensured the smooth and continuing operation of the Faculty.

REGISTRATION

Registration figures for the past five years are shown in Table 1. It will be noted that during the year the enrolment rose from 1059 to 1236, an increase of some 16.5%. These figures do not include 80 non-resident graduate students who have completed all of the requirements for the degree with the exception of a dissertation.

Table 2 shows the registration by departments. In most departments the figures exceed those for the previous year, indicating a balanced growth throughout the whole Faculty. A notable feature is the relatively large increase in the number of full-time Ph.D. candidates. A total of 306 full-time Ph.D. students were registered, compared with 254 for 1966-67.

SUMMER REGISTRATION

As reported last year the Faculty of Graduate Studies operates on a year-round basis, with fall, winter, and summer terms. During the summer of 1965 a total of 336 students were registered. This figure increased to 348 in the summer of 1967 and to 587 in the summer of 1968. These students were engaged upon research projects, undertook supervised reading assignments, or attended summer

graduate courses. In 1968 the Departments of English, Geography, Philosophy, Physical and Health Education, and Sociology offered graduate courses during the summer term.

NEW GRADUATE PROGRAMMES

A new Master's programme in Music was approved both by the Council and the Faculty in October 1967. The programme was then submitted to appraisal by the Appraisal Committee of the Ontario Council on Graduate Studies. The consultants were Dean W. Bain of Indiana University and Professor P. H. Lang of Columbia University. After having received the report of the consultants, the Ontario Council on Graduate Studies Appraisal Committee recommended that a Master of Music programme be initiated in the fields of (a) Music Theory and Composition, (b) Music Education, (c) Performance, and that a Master of Arts programme be initiated in Musicology and Music Literature. These recommendations subsequently were approved by Senate.

SCHOOL OF LIBRARY AND INFORMATION SCIENCE

Early in 1966 the University, following the recommendation of a Senate Committee, established a School of Library and Information Science within the Faculty of Graduate Studies. Professor A. D. Osborn, School of Library and Information Science at the University of Pittsburgh, was appointed the first Dean of the School. In September 1966 twelve students were enrolled in a qualifying year and in September 1967 approximately 40 students with either a Master's degree or an Honors Bachelor's degree, or who had completed a qualifying year, were accepted into a three-term programme leading to the degree of Master of Library Science (M.L.S.). These students will graduate in October 1968.

COMPUTING CENTRE

Last year Mr. George Lake, formerly of the Defence Research Telecommunications Centre, Defence Research Board, was appointed Director of the Computing Centre. Mr. Lake has been responsible for the drawing up of a comprehensive five-year plan for the development of the Centre. This plan, approved by the Computer Advisory Committee, called for the doubling of computing facilities during 1967-68 and the major expansion of the Centre in 1970-71.

During the year a DEC PDP 10/50 time-sharing computer was added. This machine is equipped with 65,000 words of core storage, swapping disks, four magnetic tapes, and paper type reader and punch, servicing 25 remote teletype terminals and three remote card reader-printer terminals located on or off campus. The PDP 10 system provides interactive computing capabilities for a number of departments. A 30 inch, incremental, drum-type automatic curve plotter has also been acquired.

Mr. Lake represents the University on the Computer Services Sub-Committee established by the Committee of Presidents of the Universities of Ontario.

CENTRE FOR RADIO SCIENCE

A Committee under the chairmanship of Professor D. R. Bidinosti, Department of Chemistry, recommended the establishment of a Centre for Radio Science. Professor P. A. Forsyth, Department of Physics, was named the first Director of the Centre. The Centre provides facilities for research in many areas of radio science. In order to make use of these facilities, a graduate student must be registered in an appropriate department or faculty and supervised by a member of the Centre. Through the Centre co-operative research programmes have been arranged with several other universities in Ontario.

INTER-AMERICAN STUDIES GROUP

Last year the Faculty of Graduate Studies gave formal recognition to the Canada in the Americas Programme, which had been active informally for a number of years. In December 1967, the group was re-organized as the Inter-American Studies Group with Professor N. L. Nicholson, Department of Geography, as Chairman and Professor J. C. M. Ogelsby, Department of History, as Secretary. The purpose of the Group is to encourage and facilitate a cross-disciplinary and sometimes a cross-faculty approach to Inter-American studies in close co-operation with existing faculties and departments. It does so by such means as promoting closer liaison between departments and faculties, assisting the building up of library resources, seeking funds for research, graduate scholarships, research professorships, etc.

URBAN AND REGIONAL DEVELOPMENT STUDIES

The Urban and Regional Development Studies Group under the Directorship of Professor E. A. Beecroft, Department of Political Science, has continued to remain active. By this means the University provides facilities for inter-disciplinary research in the fields of urban and regional development. Through the Group a graduate student may undertake a programme of study and research in a number of departments or faculties. While such a student is expected to take his degree in his basic discipline, arrangements are made for the programme to include work in other disciplines. This inter-disciplinary programme provides training for a student wishing to undertake research, teaching, administration, or planning in the field of urban and regional development.

ONTARIO COUNCIL ON GRADUATE STUDIES

Largely as a result of the report of the Commission to Study the Development of Graduate Programmes in Ontario Universities under the Chairmanship of Dr. J. W. T. Spinks, President of the University of Saskatchewan, the Committee of Presidents of Universities of Ontario established the Ontario Council on Graduate Studies in 1966. Members of the Council are the Provincially-Assisted Universities of Ontario, each represented by the Dean of Graduate Studies or the Chairman of the Committee on Graduate Studies. The purpose of the Council is to promote the advancement of graduate education and research in Ontario universities, to consider matters referred to it by the Committee of Presidents, and to advise the Committee of Presidents upon the planning and development of an orderly pattern of graduate education and research, having regard, amongst other things, for the need to avoid unnecessary duplication of programmes and facilities.

During 1967-68 the Council has been concerned with the following:

(i) Appraisal of New Graduate Programmes

The Council has established an Appraisal Committee which has recommended procedures for the appraisal of graduate programmes. At the present time all new Ph.D. and Master's programmes are to be appraised. The Council hopes that subsequently it will be possible to undertake the appraisal of all graduate programmes. Appraisal is voluntary and may be carried out only with the consent of the University concerned. The principle of appraisal has been approved by the Council, Faculty, and Senate of this University.

(ii) Co-ordination of Library Services

In conjunction with the Ontario Council of University Librarians, the Ontario Council on Graduate Studies has made recommendations to the Committee of Presidents concerning the co-ordination of library services within the Ontario universities. These include the development of adequate working research collections in all university libraries, the long-term division of responsibility for the development of advanced research collections, the establishment of a province-wide university library system, to include reader services and a bibliographic centre. Communication between the university libraries has been improved greatly by the introduction of an inter-university library transit system.

(iii) Provincial Meetings of Departmental Chairmen

The Ontario Council on Graduate Studies has gone on record as encouraging province-wide meetings of Discipline Groups. Many such groups have been meeting regularly for a number of years. On May 11, 1968, the Committee of Presidents of the Universities of Ontario organized a meeting of Departmental Chairmen from all of the major disciplines in which graduate programmes are offered in Ontario universities. As a result of this meeting more formal associations have been established in many of the disciplines. The Discipline Groups will report to the Executive Vice-Chairman, CPUO, who will transmit the information to the OCGS.

(iv) Graduate Student Support

The Council has participated in a number of meetings with the Committee on University Affairs and the officers of the Department of University Affairs concerning the support of graduate students. The Council submitted a brief to the Committee of Presidents recommending the expansion of the Province of Ontario Graduate Fellowship programme to include Law, Engineering, and certain additions within the medical sciences. The brief also recommended the possible use of formula income for the support of graduate students.

PROVINCE OF ONTARIO GRADUATE FELLOWSHIPS

During 1967-68 the Province of Ontario Graduate Fellowships were allocated by two committees, the Humanities and Social Sciences Awards Committee, under the chairmanship of Professor A. E. Raymond, Department of Classics, and the Sciences Awards Committee, under the chairmanship of Professor G. J. Mogenson of the Departments of Physiology and Psychology. The quota for the University of Western Ontario for 1968-69 was 173 Fellowships in the Humanities and Social Sciences and 87 in Science. This quota was filled with applicants of high academic attainment. During the summer of 1968 158 students held Summer Supplements to their Ontario Graduate Fellowships.

NATIONAL RESEARCH COUNCIL AWARDS

The Sciences Awards Committee under the chairmanship of Professor G. J. Mogenson also was responsible for making recommendations concerning the National Research Council Scholarship and Bursary Awards.

LONG-TERM PLANNING

The Faculty of Graduate Studies Committee on Long-Term Planning, under the chairmanship of Professor R. G. E. Murray, Department of Bacteriology and Immunology, has been engaged upon a study of the Faculty and its future requirements. As a result of the activities of this Committee, a revised constitution for the Faculty of Graduate Studies has been drawn up. This constitution will be considered by Faculty during the coming year.

GRADUATE STUDENT COLLEGE

A Committee with graduate student representation was formed to study a proposal for the establishment of a Graduate Student College. This Committee, under the chairmanship of Professor A. G. Davenport, Faculty of Engineering Science, has studied the academic, social, and residence requirements of graduate students. It also has made a survey of facilities available to graduate students. It also has made a survey of facilities available to graduate students at other universities in Canada and at selected institutions in the United States. A detailed report of the Committee has been considered by Faculty and has been referred to the Senate Committee on University Development for further study.

POST-DOCTORAL FELLOWS

The number of post-doctoral fellows within the University has grown rapidly, especially in the Natural Sciences Division. The Faculty established a standing committee on Post-Doctoral Fellows under the chairmanship of Professor H. C. Clark, Department of Chemistry. This Committee has advertised the award of post-doctoral fellowships, maintained a record of post-doctoral fellows and concerned itself with the training and welfare of post-doctoral fellows, including negotiations for income tax relief.

DEGREES CONFERRED

The degrees conferred in October 1967 and June 1968 by departments are set out in Table 3. The figures in parentheses refer to the degrees conferred in 1966-67.

TABLE 1

Faculty of Graduate Studies
Annual Registration

	<u>1963-64</u>	<u>1964-65</u>	<u>1965-66</u>	<u>1966-67</u>	<u>1967-68</u>	
Business Administration	222	257	266	294	322	
Engineering Science	13	18	21	34	61	
Humanities & Social Sciences	223	332	342	-	-	
Humanities	-	-	-	140	143	
Library & Information Science	-	-	-	12	70	∞
Medical Sciences	48	56	64	84	103	
Natural Sciences	127	185	219	258	277	
Nursing	10	10	9	14	12	
Social Sciences	-	-	-	223	248	
Total	643	858	921	1,059	1,236	

TABLE 2

FACULTY OF GRADUATE STUDIES
REGISTRATION 1967-68

DIVISION	QUALIFYING		MASTER'S		PH.D.		TOTAL	TOTAL 1966-67
	FT	PT	FT	PT	FT	PT		
<u>Business Administration</u>			309		13		322	294
<u>Engineering Science</u>			38	5	12	6	61	34
<u>Humanities</u>								
Classics	3		2	2			7	2
English	12	7	23	9	6		57	62
French	3	5	10	5	7	9	39	38*
German			3	1			4	5
Philosophy	5		11		10	1	27	33
Spanish	2		2	5			9	38*
	25	12	51	22	23	10	143	140
<u>Library Science</u>	4	6	41	19			70	12
<u>Medical Sciences</u>								
Anatomy	1		7		6		14	11
Bacteriology	1		6		6		13	11
Biochemistry	1		7	2	16		26	21
Biophysics			2		5		7	8
Medical Research			1				1	5
Path. Chemistry			1		1		2	5
Pathology			2		1		3	1
Pharmacology	1		8		2		11	4
Physiology	8		6	1	10		25	17
Psychiatry & Prev. Medicine					1		1	1
	12		40	3	48		103	84
<u>Natural Sciences</u>								
Applied Mathematics	1		6		3		10	46**
Astronomy			5		1		6	8
Botany	1		8	1	12		22	15
Chemistry	2		18		59		79	75
Computer Science		2	11	4			17	4
Geology			9		18		27	24
Geophysics			6		7		13	11
Mathematics	3		10	1	13	3	30	46**
Physics			17		16		33	35
Zoology	3		19		18		40	40
	10	2	109	6	147	3	277	258
<u>Nursing</u>			12				12	14

DIVISION	QUALIFYING		MASTER'S		PH.D.		TOTAL	TOTAL 1966-67
	FT	PT	FT	PT	FT	PT		
<u>Social Sciences</u>								
Economics	6		24	1	14		45	37
Geography	10		19	3	13	1	46	59
History	11	3	12	1	14	2	43	45
Physical Education	3	1	5	5			14	10
Political Science	3		6	1	2		12	10
Psychology	14	2	22	1	20	2	61	52
Sociology	2		19	6			27	10
	49	6	107	18	63	5	248	223
TOTAL	100	26	707	73	306	24	1236	1059

	<u>1967-68</u>		<u>1966-67</u>	
<u>FULL TIME</u>				
Qualifying	100		Qualifying	73
Master's	707		Master's	620
Ph.D.	<u>306</u>		Ph.D.	<u>254</u>
<u>Total</u>		1113	<u>Total</u>	947
<u>PART TIME</u>			<u>PART TIME</u>	
Qualifying	26		Qualifying	21
Master's	73		Master's	58
Ph.D.	<u>24</u>		Ph.D.	<u>33</u>
<u>Total</u>		123	<u>Total</u>	112
<u>NON-RESIDENT</u>	80	<u>80</u>	<u>NON-RESIDENT</u>	<u>41</u>
TOTAL		<u>1316</u>	TOTAL	<u>1100</u>

* French and Spanish in 1966-67 were together as the Department of Romance Languages, hence, this total is the combined total for the two.

** Applied Mathematics and Pure Mathematics were together as the Department of Mathematics in 1966-67, hence, this total is the combined total for the two.

	<u>Ph.D.</u>	<u>M.A.</u>	<u>M.E.Sc.</u>	<u>M.Eng.</u>	<u>M.Sc.</u>	<u>M.Sc.N.</u>	<u>M.B.A.</u>
Physics	3				3		
Zoology	5				11		
Nursing						7	
<u>Social Sciences</u>							
Economics		21					
Geography		5			2		
History		4					
Physical and Health Education		2					
Political Science		2					
Psychology	8	22					
Sociology		2					

TOTALS

Doctor of Philosophy	42(30)						
Master of Arts		91(114)					
Master of Engineering Science			6(8)				
Master of Engineering				8			
Master of Science					36(38)		
Master of Science in Nursing						7(4)	
Master of Business Administration							134(125)

Note: Figures in parentheses refer to degrees conferred in 1966-67.

TABLE 3

Faculty of Graduate Studies
Degrees Conferred in October, 1967, and June, 1968.

	<u>Ph.D.</u>	<u>M.A.</u>	<u>M.E.Sc.</u>	<u>M.Eng.</u>	<u>M.Sc.</u>	<u>M.Sc.N.</u>	<u>M.B.A.</u>
<u>Business Administration</u>	1						134
<u>Engineering Science</u>			6	8			
<u>Humanities</u>							
Classics		1					
English		6					
French		3					
German		1					
Philosophy		8					
Spanish		1					
<u>Medical Sciences</u>							
Anatomy	2				1		
Bacteriology and Immunology	1				1		
Biochemistry	2				2		
Biophysics	2						
Medical Research	1						
Pathology							
Pathological Chemistry					1		
Pharmacology	1				1		
Physiology					2		
Psychiatry and Preventive Medicine							
<u>Natural Sciences</u>							
Applied Mathematics					2		
Astronomy					2		
Botany	3				1		
Chemistry	12				4		
Geology	1				2		
Geophysics					1		
Mathematics	1	11					
Mathematics and Computing		2					

THE COMPUTING CENTRE

Report of the Director

Mr. George T. Lake

The year 1967-68 was an extremely active one for the Computing Centre. A contract for a new major computer system was signed during the year and delivery was made near the end of the year. With the coming of this equipment, the Computing Centre commences an entirely new mode of operation - remote computing. In this type of operation, many individuals use the same central computer simultaneously, each employing a terminal at his own location. Five such terminals were in limited operation by the close of the year and it is expected over 25 will be installed by the end of 1968-69.

Much of the time and effort of the staff during 1967-68 was spent planning and preparing for the new system. In addition many other smaller projects were undertaken. A new automatic curve plotter was made available to users of the Centre at mid year. A new computer program was made available to assist in the marking of objective examinations. This program dramatically reduces the cost of marking such examinations and provides a variety of statistical measures of performance of both the students and the examination itself. This program has found wide acceptance among the faculty of the University. Several projects were completed for various departments on campus including preparation of specifications for computer equipment, design and construction of special purpose digital equipment, and construction and testing of special purpose computer programs.

The advent of remote computing, coupled with the economy of scale inherent in larger computer systems, makes centralization of computer equipment in a few large centres practical and desirable. During 1967-68 the Directors of the Computing Centres in the 14 Provincially assisted Universities in Ontario worked jointly toward the establishment of a few large regional computing centres in the Province, to serve the universities. The objective of this joint approach was improved facilities for all universities, more equitable distribution of support for computing, and a firmer basis of support on which long term planning could be based. This effort was rewarded by the announcement by the Department of University Affairs of a plan to set up a number of regional computing centres and to increase funding for computing at universities. While not yet providing a firm basis on which to make future plans, this scheme is a valuable first step towards making major computing facilities available to all students and faculty.

The existing equipment in the Computing Centre continued to perform ably and again recorded an increase in work output over previous years. The table below shows comparative figures.

<u>YEAR</u>	<u>NUMBER OF HOURS USED</u>	<u>NUMBER OF JOBS PROCESSED</u>
1964/65	4156	19099
1965/66	5571	22620
1966/67	5564	42554
1967/68	4827	64588

It is expected that the existing installation will continue to carry a large part of the workload of the Computing Centre for some time while the new system is expanded to provide new services, and while regional computing centres are being developed.

FACULTY OF ARTS AND SCIENCE

Report of the Vice-President

Professor Mark K. Inman

The outstanding characteristics of the academic year 1967-68 were the operation of the University under our new President, Dr. D.C. Williams, and events relating to the reorganization of the Arts and Science Faculty. In these days of rapid change in practically all aspects of University life, the role of the President becomes ever more demanding. During his first year in office, Dr. Williams has demonstrated that he has the qualifications necessary to meet the exacting requirements of his position as leader of the University community.

Important steps were taken during 1967-68 towards the long-debated reorganization of the Arts and Science Faculty. As indicated in the Report for 1966-67, a Committee to study the Structure and Organization of the Faculty of Arts and Science was established early in 1967. The Chairman, Dr. G.J. Mogenson, submitted the Committee's final report at a meeting of the Faculty held on January 18, 1968. The Committee recommended the establishment of a Faculty of Arts (to parallel the separate Faculty of Science regarding which an agreement had been reached at a previous meeting, May 9, 1967) headed by a Dean of Arts. The Faculty amended this recommendation to the effect that a Faculty of Humanities and a Faculty of Social Science, each headed by its own Dean, be established.

In brief, the Faculty's recommendation to the Senate regarding reorganization was that four separate faculties be established: namely, Humanities, Music, Science and Social Science. The Faculty further recommended that a Committee be set up under the chairmanship of the Vice-President, Arts and Science, to study and make recommendations regarding means of correlating the proposed four new faculties. These recommendations (with minor modifications, e.g., the Faculty of Humanities was changed to Faculty of Arts) were accepted by the Senate and subsequently approved by the Board of Governors.

At the request of the Senate, the departments ostensibly belonging to each new academic unit submitted for approval of Senate constitutions under which each separate faculty (Arts, Music, Science and Social Science) planned to operate. In addition to considering these proposed constitutions in plenary sessions, the Senate appointed, under the chairmanship of the Vice-President, Arts and Science, an Ad Hoc Committee on New Faculties to study and make recommendations regarding co-operation among the four emergent academic bodies.

This Ad Hoc Committee examined the proposed constitutions of the new faculties (henceforth to be known as Faculty Councils) and attempted to achieve as much uniformity as practicable among them. On recommendation of this Committee, the Senate passed a Motion providing for "a Committee of each Faculty in the University responsible to its Council for matters of educational policy, which Committee shall be prepared to discuss with comparable Committees in other Faculties, matters of mutual concern".

The Ad Hoc Committee also considered problems pertaining to the "transition" from the old to the new system. Its recommendations in this respect were approved by Senate and may be described briefly as follows:

1. That all four new Faculties come into being July 1, 1968. In this regard, Music and Science presented no problem as both bodies were well organized. It was otherwise with Arts and Social Science, e.g., neither Faculty had a Dean. This situation necessitated further recommendations peculiar to these two Faculties.
2. That a Dean of Arts and a Dean of Social Science be appointed as soon as possible. If these offices were not filled by July 1, 1968, that Acting Deans be appointed. (Dr. J.G. Rowe has been appointed Dean of Arts and Dr. N.L. Nicholson, Acting Dean of Social Science).
3. That the present College System, including the Office of College Dean, be continued for administrative purposes until June 30, 1969.

Another matter considered by the Ad Hoc Committee had to do with students who register in a Combined Honors Program or a Double Major General Program involving more than one Faculty. In this regard, the Senate accepted the Committee's recommendation that "a student registered in a Combined Honors Program or electing a Double Major General Program in different Faculties shall register in the Faculty of his choice, except in such programs as are listed in the Academic Calendar as being 'Subject A' with 'Subject B' Options, (e.g., Economics with Mathematics Options). In such cases, the student shall register in the Faculty of the subject first listed."

The number and distribution among Colleges of the Arts and Science Faculty for the year 1967-68 are set forth in the following table:

Faculty of Arts and Science 1967-68*

	<u>Full-time Active</u>	<u>On Leave</u>	<u>Total Active & On Leave</u>	<u>Part- Time</u>
College of Science	154 (157)	2	156	18
Middlesex College	52 (52)	—	52	12
Talbot College	79 (80)	6	85	6
University College	146 (145)	8	154	9
College of Music	<u>13</u>	<u>1</u>	<u>14</u>	<u>15</u>
	<u>444</u>	<u>17</u>	<u>461</u>	<u>60</u>

* Figures accurate as at time of budget completion, () Figures as reported by College Deans for end of academic year.

The Faculty provided instruction for 5244 undergraduate students distributed among the four Colleges as follows:

	<u>Full-time</u>		<u>Part-time</u>		<u>Total</u>		
	Men	Women	Men	Women	Men	Women	
College of Science							
General	750	203	15	7	765	210	
Honors	347	84	7	7	354	91	1420
Middlesex College							
General	538	428	7	10	545	438	
Honors	141	113	3	3	144	116	1243
Talbot College							
General	407	275	6	5	413	280	
Honors	52	23	1	0	53	23	769
University College							
General	461	736	16	22	477	758	
Honors	216	188	10	10	226	198	1659
College of Music							
General	3	11	1	0	4	11	
Honors	59	75	3	1	62	76	153
	<u>2974</u>	<u>2136</u>	<u>69</u>	<u>65</u>	<u>3043</u>	<u>2201</u>	<u>5244</u>

In addition to fulfilling their undergraduate classroom and laboratory obligations, many faculty members were engaged in giving graduate instruction and supervising theses, as well as engaging in basic research and publication. +

An experiment in the academic counselling of new students was carried out from July 3, 1967 to August 31, 1967. The project was conducted basically under the aegis of the Arts and Science Faculty (with five full-time Counsellors on duty during the period), but students who planned to enter Home Economics, Music, or Nursing were referred to special representatives of Brescia College, the College of Music, and the School of Nursing.

The results of the experiment were very gratifying. A total of 2036 students were interviewed, many accompanied by their parents who expressed their appreciation of the advice given to their sons and daughters by the University officials. While not detracting from the commendable skill and devotion to duty of the Counsellors, it is generally agreed that the success of the Academic Counselling Service was due in no small measure to the energy and efficiency of the Acting Director, Dr. R. N. Shervill. *

Apart from the introduction of a new Honors Program in Fine Art and certain alterations in other Honors Programs (which changes were numerous), the Faculty Council approved two basic modifications in the academic regulations governing the General Program for a degree and, second, the required minimum average in major subjects. The former, recommended by an Ad Hoc Committee on Regulations and Requirements, for Graduation in the General Program, B.A., chaired by W.C. Howell, amended the then current regulation specifying that in order to graduate, a student must offer English 20 and another language at the 20 level to read: "Two of English, Mathematics, and a language other than English, both at the 20 level, be required for graduation in the General B.A. Program, effective July 1, 1968". In other words, a student could now offer Mathematics in place of either English or another language.

The other modification effecting requirements for graduation changed the stipulation that the student must acquire a minimum of 60 percent in each of the four courses in his major subject to read as follows:

+ See reports of the College Deans and the Dean of Graduate Studies.

* See Academic Counselling Services, July 3, 1967 to August 31, 1967,

- Report of the Acting Director.

" must obtain at least 60 percent average in the courses of his major subject and at least 60 percent on each of the three of those courses". This change was suggested by the Petitions Committee because that body discovered that a large number of students appeared to be incapable of making 60 percent in the four courses of their "specialty" - hence a flood of petitions from students whose academic performance did not conform to this rule. As a strong advocate of higher education, I find it difficult to understand why a student worthy of a degree cannot obtain 60 percent in four courses of his special field. But, I presume, we must give hostages to student power - or lack of it, scholastically speaking.

All recommendations of the Faculty Council described above were approved by Senate.

One of the Council's resolutions, however, that relating to the establishment of a Department of Anthropology and Archaeology, has not been implemented to date. During the year, the Council requested the Social Science Division to set up a Committee to study the advisability and feasibility of instituting a Department of Anthropology and Archaeology at Western. A Committee was named with Dr. A.K. Philbrick as Chairman. The Committee made a thorough study of the matter and submitted a detailed report, including staff, equipment and financial requirements over a five-year period, and strongly recommended the establishment of such a department. At its meeting on May 7, 1968, the Faculty Council endorsed the Report and referred it to the Senate (via the Secretary of the Senate) for its consideration. This proposal was studied by SCAAPP and recommended to Senate for implementation. The Senate in turn, while approving the project in principle, referred the matter to SCUD. As yet, no final action has been taken on the proposal.

In concluding this Report, I wish to draw attention to a change, not previously described, in the structure of the Faculty, namely, the abolition of the Office of Vice-President, Arts and Science, as recommended by the Mogenson Committee. This alteration in the Faculty's constitution coincides with my retirement. Henceforth, some of the duties of this position will devolve upon the incumbent of a newly created Office, namely, Vice-President, Academic. Dr. R.J. Rossiter has been appointed to this post. To him, I offer my congratulations and my best wishes.

I cannot terminate this Report without expressing, however inadequately, my appreciation of the assistance and co-operation I have received over the years from the Faculty Council and other members of the University staff. Obviously, it is impracticable to refer to each by name. However, I should like to mention specifically those persons with whom I have been closely associated in University activities during the year 1967-68.

It has been a pleasure and a privilege to work with Deans R.N. Shervill, A.E. Scott, N.L. Nicholson, G.H. Turner, C. von Kuster, and Assistant Dean G.H. Reavely. The "Deans' Meeting" held weekly in my office, was a source not only of productive ideas regarding Arts and Science affairs but also of lasting good fellowship. Dr. J.W. Davis, my Assistant, assumed the chairmanship of the Admissions - Petitions Committee and was at all times most helpful. I wish to commend also Dr. J.A. Fulford, who, as Secretary of the Faculty and of the Faculty Council, was outstanding in the performance of his duties. To my Secretary, Mrs. M.L. Collins and to her Assistant, Mrs. B.H. Penley, I am deeply indebted for efficient service cheerfully rendered in meeting the extensive and varied demands associated with the Office of Vice-President, Arts and Science.

Au revoir !

UNIVERSITY COLLEGE

Report of the Dean

Professor Norman L. Nicholson

The academic year 1967-68 was one of consolidation following the physical rearrangement of the Faculty of Arts and Science. It was the first year for a single English Department in one building and the Department of French, which emerged from the former Department of Romance Languages on July 1st, 1967, was brought together to occupy most of the south west wing of the main building. These new arrangements have already resulted in higher morale within these departments. Journalism was rehoused in the main building leaving only the Department of Physical and Health Education in Thames Hall. The other departments in the main building are Economics, Sociology and Secretarial Science. All Extension students continued to be registered in University College as were the students of the University enrolled in the Home Economics course.

The total registration of intramural students at University College for the year was 1,659, and of Extension students 2,068, making a total of 3,727. The total faculty and supporting staff was 268. (See Table I).

It is with regret that I record the death of Arthur Rutherford Ford, B.A., LL.D. in April 1968. Dr. Ford had been a part-time lecturer in the Department of Journalism since its inception in 1946.

With the closing of the year, the College bid farewell to one of its most highly respected members, Dr. Mark Inman, who was for many years Head of the Department of Economics and continued as Professor in that Department when he became Vice-President, Arts and Science.

The year also marked the retirement of another well-known member of staff when Mr. Murray McNie retired after thirty-two years of service to Physical Education and Athletics. His contributions in track and field and in the care of injured athletes will be missed.

Departmental Developments

The Department of Economics continued its active co-operation with the School of Business Administration and Messrs. Wonnacott and Beigie offered a series of lectures to graduate students in the Business Programs.

The Department of English introduced into the teaching of Freshman English a number of rehearsed readings of scenes from works presented for the course - Eliot's The Waste Land; King Oedipus and King Lear. Each of these readings was performed in lecture time. In addition the department presented a production of Becket's Endgame and Plautus' The Menaechmi. Both the readings and the productions were the subject of tutorial discussion.

The Department of Journalism continued its exchange program with the School of Journalism of Carleton University. Changes in the second and third years of the Honors Journalism Program, authorised by the Senate in 1966-67, were implemented.

The Department of Sociology completed its second year of separate existence, but once again, it is regretted that its development was retarded because of budgetary limitations. Nonetheless, the department inaugurated a series of faculty luncheon seminars, open to students, at which the research activities of various members of the staff were presented and discussed. It also became the Alpha Chapter in Canada (i.e., the first Canadian Chapter) of Alpha Kappa Delta, the Sociological Honorary Fraternity to which students of high academic standing may belong.

The members of the College were actively engaged in research during the year. Lack of space makes it impossible to list and discuss all the projects undertaken; the scope and variety of research will be at least partially reflected, however, in the list of publications given in Appendix C and the schedule of research funds in Appendix D.

Special Activities

Many interesting activities, in addition to the normal program of instruction, were carried on during the year. A few of them are referred to here.

The Department of Economics convened a Seminar on International Economics from May 7 to 10 at which Professors R. E. Caves of Harvard and R. Jones of Tochester were the guest speakers. The Department also inaugurated an inter-University Seminar with the Department of Political Economy at the University of Toronto. Its Faculty-Graduate Student Seminar concentrated on the subject of economic growth and some sixteen distinguished economists from Canada and the United States visited the University for several days to participate and address the group.

To commemorate the tercentenary of Paradise Lost, the Department of English held a Conference of Milton scholars associated with Canadian Universities on October 19 and 20, 1967. Representatives of fifteen Canadian Universities and six American Universities attended. The papers presented will be edited by Professor Balachandra Rajan of the Department and published by the University of Toronto Press.

The Department of French sponsored the centennial presentation of Molière's *Le Bourgeois Gentilhomme* on October 11 and two weeks later, the Tréteau de Paris Theatre Company in Lesage's *Turcaret*. The company returned on March 23 to present *En Attendant Godot*. In December, the department sponsored Molière's *Le Mariage Forcé* and Feydeau's *On Purge Bebe* presented by Le Théâtre Populaire du Québec.

Among the special visitors to the department during the year were His Excellency the Ambassador of France to Canada, Monsieur François Leduc who was accompanied by the Consul General of France to Toronto, Mademoiselle Marcelle Campana.

Fourteen professional Journalists visited the Department of Journalism in 1967-68 as special lecturers and discussion leaders and the department was host to the Ninth Annual Seminar in Reporting, sponsored by the Press Institute of Canada, June 2 - 7.

The Department of Sociology held a highly successful conference dealing with research on collective violence attended by participants from the University of Toronto, University of Michigan and Wayne State University.

It is a pleasure to make specific reference to at least some of the individual faculty members who received honors and distinctions.

For his continued and outstanding contributions to Physical and Health Education, an Honorary Doctorate was conferred upon Professor W. J. L'Heureux by the University of New Brunswick. Professor Richardson of the same department was awarded the Commonwealth Recognition Badge by the Royal Life Saving Society for his contribution to aquatics on the national level. But in conclusion I would like to pay tribute to all those members of the faculty and supporting staff who provided sound instruction and management of our academic affairs. For their efforts and discretion in these matters there are no awards and rare public acclaim, but without them University College could not have functioned as smoothly as it did in 1967-68.

ADDRESS AND PAPERS PRESENTED BY THE FACULTY

Department of Economics

Bodkin, R. G. "Price Stability and High Employment: A Study of the Trade-Offs from Canadian Experience", paper presented to the U.S. Bureau of Labor Statistics, Washington, D.C., November, 1967.

Participation in a panel discussion of Pensions and Retirement Savings Plans, in a conference sponsored by the Canadian Tax Foundation on the implications of implementing the Carter Report, held in Montreal in November, 1967.

"Investment in Residential Construction, U.S.A., 1949-1964", paper presented to the University of Toronto - U.W.O. Economics Seminar, London, February, 1968.

"A Consistent Set of Relationships for the Categories of Consumer Expenditures", paper presented to a Faculty workshop at the University of Saskatchewan, Saskatoon, February, 1968.

"Real Wages and Cyclical Variations in Employment: A re-consideration", Undergraduate Lecture presented at the University of Saskatchewan, Saskatoon, February, 1968. Also presented to the Canadian Economics Association, Calgary, Alberta, June, 1968.

- Beigie, C. E. 'An Evaluation of the Canada - U.S. Automotive Agreement', presented at Canadian-American Committee, Montreal, October, 1967.
- Brown, T. M. "Estimation of Structure for Single Nonlinear Equations", presented to Econometric Society meetings in Toronto, August, 1967. This paper was also presented to the Mathematics Colloquium, University of Western Ontario - February, 1968.
- Courchene, T. J. "Economic Stability and the Canadian Economy" (with T. R. Robinson), An Analysis of Behavior of Government Revenues and Expenditures by all levels of Government. Presented at the C.E.A. meetings, Calgary, June, 1968 and at U.W.O. - Toronto Seminar.
- "A Model of the Canadian Money Supply" (with A. Kelly), presented at the C.E.A. meetings, Calgary, June, 1968.
- Finn, T. J. "On the Mean Rate of Economic Growth", State University of New York, Binghamton, December, 1967.
- Gupta, S. B. "A Theory of the Growing Economy", University of Toronto, January, 1968.
- Hodgins, C. D. "The Economies of Scale and Growth of the Canadian Manufacturing Sector, 1947-1960." Paper presented at the U.W.O. - Toronto Economics Seminar, April 19, 1968.
- Kadiyala, K.R. "Some Problems in Regression Analysis", March, 1968, University of Alberta.
- Leith, J. C. "Substitution and Supply Elasticities in Calculating the Effective Protective Rate." Presented to the Canadian Economics Association Meetings, June, 1968.
- Melvin, J. R. "The Production Set When Labour is Indispensable", summer meetings of the Econometric Society, Toronto, August 28, 1967.
- Peitchinis, S. G. "Changes in Occupational Wage Differentials 1939-1965: A Re-Assertion of Market Forces?" Paper presented at the June, 1968 meetings of the Canadian Economics Association.
- Reuber, G. L. "Canada's Economic Policies Toward the Less-Developed Countries", presented at the C.E.A. Meetings, Calgary, Alberta, June, 1968. Presidential Address.
- Robinson, T. R. Discussant of "The Responses of Types of Consumer Service Expenditures to Post-war Cyclical Movements", by M. D. Clement. August meetings of the Econometric Society, Toronto, 1967.
- "The Canadian Fiscal Structure and Economic Stability", study prepared for the Department of Finance, Ottawa, and presented at C.E.A. meetings, Calgary, Alberta, June, 1968 (with T. J. Courchene), and also at U.W.O. - Toronto Seminar.

Saraydar, E. "Uncertainty and the Bargaining Problem", Seminar Series in Economics (1967-68), Ohio University, November 16, 1967.

Wonnacott, R. J. "Wage Parity in Canadian Manufacturing", presented at Harvard and U.W.O. - Toronto Seminar, October, 1967.

"A North American Common Market?" Presented to American Marketing Association, Toronto, February, 1968.

"A Canada- U.S. Free Trade Area", presented to Canadian Chemical Producers Association, Ottawa, November, 1967; also presented to Tax Executives Association, Toronto, June, 1968.

Department of English

Bandeen, B.I. One of five participants in a seminar on "The Structure of Beowulf" at the MLA Conference in Chicago, December, 1967.

Bieman, E. "An Eros Manqué: Browning's Andrea del Sarto", Department of Colloquium, March, 1968.

Bolgan, A. C. "A Preface, Somewhat Polemical", Learned Societies of Canada, Calgary, June, 1968.

Collins, T. C. "Browning's Early Poetry: the Problem of Critical Sophistication" New York-Pennsylvania MLA Regional Conference, St. Bonaventure, N.Y., April, 1968 and at Department Colloquium, March, 1968.

Hoar, V. M. "Canadian Volunteers in the Spanish Civil War", Michigan State University Canadian History Graduate Seminar. April, 1968.

Kaula, D. C. "King Lear and the True Relation of the Faction Begun at Wisbich", Renaissance Seminar, March 19, 1968.

Klinck, C. G. "Tradition in Canadian Letters", Carleton University, October, 1967.

"William Kirby", Niagara Historical Society, September 5, 1967.

Centennial Lecturer under the auspices of the A.U.C.C. "The Quest for Canadian Literary Expression", given at Laval, Sherbrooke and Sir George Williams Universities.

Parker, G. D. "Ibsen and the Happening". Humanities Association, Fall, 1967.

Rajan, B. "Paradise Lost: the Hill of History": St. Mary's College, Winona, November, 1967.

"Paradise Lost: the Web of Responsibility". Milton Conference, University of Western Ontario, October, 1968.

"Paradise Lost: the Providence of Style". MLA Conference, Chicago, December, 1967, and at University of Minnesota, February, 1968.

Redekop, E. H. "Red and Black: Some Representations of Indians and Negroes in American Fiction before the Civil War", Canadian Association for American Studies, University of Western Ontario, November 5, 1967.

Rans, G. "Understanding McLuhan: Part 1", Humanities Association, November, 1967.

Smith, M. E. "Teaching a Poem at the University Level: e e cummings 'in Just / spring'": The London Association of Teachers of English, Winter, 1968.

Woodman, R. G. "The Jew in Contemporary Fiction". Hadassah Lecture, February, 1968.

Department of French

Bush, W. S. "Bernanos", Graduate Seminar, University of Toronto, April 8, 1968.

Cardinal, P. J. "The Meaning of Bilingualism and Biculturalism for Canada", London Council for Adult Education and the Canadian Broadcasting System, London Y.M.C.A., January 28, 1968.

Jones, D. F. "Le heros romantique: Rene et Fantasio.", Le Cercle français, University of Waterloo, October 24, 1967.

Sanders, J. B. "The Role of the Humanities in an Age of Technology", Lambton College Branch of the Canadian Humanities Association, Sarnia Public Library, April 1, 1968.

Walters, R. L. "Chemistry at Cirey", Second International Congress on the Enlightenment: St. Andrews, Scotland, August 24, 1967.

Warwick, J. "Vers une critique sociologique valable", Canadian Association of University Teachers of French, Calgary, Alberta, June 13, 1968.

Department of Journalism

Beattie, E. J. "Magazines as Mirror of Man", Carleton University, Ottawa, Feb. 19-21, 1968.

"A Career in Magazine Article Writing", Carleton University, Ottawa, Feb. 19-21, 1968.

"Credibility of the Media On Some International Events", Carleton University, Ottawa, Feb. 19-21, 1968.

Department of Physical and Health Education

Eynon, R. B. "Competitive Swimming", Eastern Ontario Coaches, Queen's University, Kingston, Jan. 1968.

"Competitive Swimming", Fredericton, N.B., Dec. 1967.

Fairs, J. R. "Ideas of Physical Education in Greek Culture", Physical Education Div., A.A.H. P.E.R. April, 1968.

Fairs, J. R. "Basketball Coaching", University of Waterloo, January, 1968.

Gonser, G. I. Clinic Lecturer - "Basketball", Ontario Federation of Secondary School Association, June 21 - 22, 1968.

L'Heureux, W. J. "Recreation in Canada", Tenth International Congress on Health, Physical Education and Recreation, Vancouver, July 28 - August 1, 1967.

"Summary of Program Evaluation Sessions", Northwest Territories Recreation Leaders' Conference, Yellowknife, N.W.T. August, 1967.

"Some Problem Areas in Canadian Amateur Sport" - U.N.B. Undergraduates, Fredericton, October, 1967.

"The Challenges of the Future" - Keynote Address, Physical Education Section, O.E.A., March, 1968.

"Fitness and Amateur Athletes" - R.M.C. Color Awards Banquet, Kingston, May, 1968.

Richardson, J. R. "Examiners Clinic" - Royal Life Saving Society - Toronto, December, 1967.

Taylor, M. J. "Technique of Basketball Officiating" Clinic, Women's Athletic Committee, C.A.H.P.E.R., Toronto, May, 1968.

Wearing, G. A. "Summary Speaker", Health Seminar, University of Windsor, October, 1967.

Yuhasz, M. S. "Evaluation of the Physical Fitness of High School Boys", Lecture, High School Physical Education Department Heads, London, August 23.

"The Components of a Good Physical Education Program - What Should It Be?". Address, Keynote - National Meeting of the Canadian Association for Retarded Children, Toronto, Nov. 29.

"The Cardiac Research Program at U. W. O." Address, University of Waterloo, Waterloo, Ontario, Feb. 21.

"The Effects of a 6-month Exercise Program on Cardiacs", Address, American College of Sports Medicine, May 2, State College, Penn.

"Exercise for the Cardiac." The Ontario Society of Physiotherapy, May 12.

"Drownproofing." Television Presentation, Color Movie - N.B.C., Channel 3, Cleveland, Ohio, June.

Department of Sociology

Balakrishnan, T. R. "The Role of Universities in the Training of Demographers." Delegate to the Australian National University Conference, August 28-29, 1967 at Canberra.

- Jarvis, G. K. "Demographic Considerations in Regional Development." Lecture to St. Clair Regional Planning Board, Sarnia, Ontario.
- Kantner, J. F. "Oral Contraception and the Fertility Decline in Canada 1959-1968." (Paper delivered at annual meeting of Population Association of America).
 "Neglected Aspects of Fertility Research", annual meeting of P.A.A. Discussant at session.
- Seminar on "Canadian Fertility", presented to Department of Demography, University of Montreal.
- Nobbe, C. E. "Correlates of Cultic Religiosity", (with Stefan C. Christopher). Paper read at Northwest Scientific Association meetings in Pullman, Washington, April 1968.
- "The Ecology of Family Size: A Case Study of Two Catholic Parishes." Paper presented at American Catholic Association Meetings in Boston. 1968.
- Pryor, E. T. Discussant at session on Religion in Demographic Research, at annual meeting of Population Association of America, April, 1968.
- Seminar on historical family research, presented at Cornell University, November, 1967.
- Stone, L. O. "Some Highlights of Canadian Urban Development", presented to University of Massachusetts, Department of Sociology, in November, 1967.
- "Some Extensions of the Cornell Mobility Model", presented to the Social Systems Group, Department of Sociology, Cornell University, November, 1967.
- "Canadian Metropolitan Centers as Poles of Population Retention", presented to Department of Demography, University of Montreal and to Sociology Department, University of Western Ontario, in March 1968.

VISITING PROFESSORS AND LECTURERS

Department of Economics

Topic

Professor P. Diamond, (Massachusetts Institute of Technology)	Contemporary Issues in Growth Theory
Professor H. G. Johnson, (University of Chicago)	Some Aspects of the Problem of Incorporating Money in Growth Models
Professor E. J. Kane, (Boston College)	Empirical Work on Bank Portfolio Allocation
Professor A. Treadway, (Northwestern)	The Dynamic Theory of the Firm

Professor W. Parker, (Yale University)	Economic Growth: Historical Aspects
Professor R. Easterlin, (University of Pennsylvania)	Economic Growth: Historical Aspects
Dr. A.J.R. Smith (Economic Council of Canada)	Economic Growth in Canada
Professor J. S. Chipman (University of California)	Economic Growth: International Aspects
Professor R. A. Mundell (University of Chicago)	Inflation and Growth
Mr. G. M. Youssef (Royal Bank of Canada)	Bank Portfolio Management
Professor W. H. B. Court (Institute of Advanced Studies, Princeton)	Recent Trends in Economic History
Professor R. W. Ball (London Graduate School of Business Studies, London, England)	Specification Problems in Econometric Model Building
Professor J. Knenta (Michigan State)	Dynamic Analysis of Aggregate Econometric Models
Mr. I. Macdonald (Provincial Treasurer for Finance)	The Economic Policy of the Province of Ontario in a Federal Environment
Mr. B. C. Steers (Canadian Trade Commissioner Service)	Canada's Trade with the U.S.A. - Recent Developments and Trends
Professor H. Heaton (Visiting Staff of Michigan State)	The Quest for the Quantitative
Professor R. E. Caves (Harvard University)	(1) Internal and External Balance (2) Export Led Growth Models (3) The Concept of Effective Protection.
Professor R. W. Jones (Rochester)	(1) General Equilibrium Trade Models (2) International Transmission of Technology (3) Extensions of Modern Trade Theory
<u>Department of English</u>	
Michael Booth (Director of Drama, University of Guelph)	Melodrama

- | | |
|---|--|
| Joan Finnegan
(National Film Board) | Writing for Film |
| Morris Freedman
(Department of English
University of Maryland) | Modern British and American Drama;
Notes on the New Senecanism |
| Phyllis Gottlico | Science Fiction |
| Jay MacPherson
(Department of English
University of Toronto) | The Gothic Novel |
| Raven I. McDavid, Jr.
(Department of English
University of Chicago) | Sociolinguistics (The Dearness Memorial
Lecture) |
| Francis Sparshott
(Department of Philosophy
University of Toronto) | Old Fallacies Re-erected |
| Robert Symonds
(Associate Director, Vivian Beaumont
Theatre, Lincoln Centre, New York). | Beckett |
| Henry W. Wells
(Department of English,
Columbia University) | The Classical Drama of India |
| <u>Department of French</u> | |
| Professor C. A. Hackett
(University of Southampton, England,
and Visiting Professor at Dalhousie
University) | Rimbaud |
| Professor S.S.B. Taylor,
(St. Andrews' University, Scotland, and
Visiting Professor at McMaster University) | Voltaire Et Rousseau Vus Par Les Artistes |
| Father Barjon
(Institut Catholique de Paris and
Visiting Professor at Laurentian
University) | Malraux, Aventurier, Revolutionnaire,
Artiste |
| Monsieur Robert Aron
(Alliance Francaise) | Les Methodes Politiques Du General
De Gaulle |
| <u>Department of Physical and
Health Education</u> | |
| W.A.R. Orban,
(University of Ottawa) | The Discipline and the Profession of
Physical Education |
| John Faulkner,
(University of Michigan) | Effects of Altitude on C/V Measures of
Fitness and on Athletic Performance. |

TABLE 1

DISTRIBUTION OF FACULTY AND STAFF - 1967-1968

UNIVERSITY COLLEGE

Department	Senior Profs.	Profs.	Assoc. Profs.	Assist. Profs.	Lecturers	Instructors	Teaching* Fellows & Demonstr.	* Tech- nicians	Secre- taries	Others	TOTALS
Dean's Office		1							2		3
Economics	-	5-1/2	2	10	8		34	2-1/2	5-1/2	1	68-1/2
English	2	5	10	14	6	17-1/2	18		5		77-1/2
Journalism		1	1	2					1		5
P.H.E.		2	4	5	4-1/2	1	4	3	3	4	30-1/2
French		7	7	6	8	1	13		3		45
Secretarial Science		1	2	1		2					6
Sociology		1	3	4	3-1/2		11	8	2		32-1/2
TOTAL	2	23-1/2	29	42	30	21-1/2	80	13-1/2	21-1/2	5	268

* In nearly all cases, these appointments are for a period of eight months of the year.

MIDDLESEX COLLEGE

Report of the Dean

Professor R. N. Shervill

The academic year 1967-68 brought about a new era in Middlesex College, initiated by the reunification of departments during the previous year. The new Department of Spanish and Italian under Professor W. Flint took its place alongside the Departments of Geography and Psychology, both of which expanded considerably in space occupied, staff employed and in the complexity of their research programs. On a temporary basis, six members of the Department of Mathematics occupied offices in Middlesex College due to space shortage in the College of Science.

The total number of students, graduate and undergraduate at Middlesex College for the year was 1331. The total faculty and supporting staff was 203 (see Table I) which included several joint-appointments with other Schools, Faculties or Colleges.

Only minor alterations to existing space were necessary during the year. A classroom was converted into a Psychology laboratory on the second floor and modifications were made to basement level laboratories. Middlesex College Theatre is now linked by television cable to the Faculty of Science T.V. Centre and the theatre itself has been fitted out to receive programs by tape or live production.

Departmental Developments

Under the Chairmanship of Dr. E. G. Pleva, the Department of Geography continued its steady planned development during the academic year 1967-68. The Department now occupies the entire third floor of the College and has added an attractive graduate student research carrel area on the fourth floor. The regional map library has been strengthened greatly by large additions to the Canada, United States and Latin-America holdings. The naming of the Library as a basic depository by both the Canadian and United States Governments has ensured that the collections are complete and up-to-date, and include the entire collections of the Army Map Service non-restricted list.

The field research station on Lake Erie near Sparta continued in operation with several long-range and short-range projects under way.

The department has completed the first year of a three year program for the Government of Ontario on a detailed analysis of the physical, cultural, economic, historical and operational systems in the Lake Erie Economic Region. The project has been granted \$177,000.00 and involves the Research efforts of seven members of the department and thirty Geography students each summer.

The autumn field camp was held in the Huronia area centering on Midland, the site of the Ste Marie 1 restoration.

Faculty and graduate students of the department received research grants from fifteen outside agencies including the Canada Council, the National Research Council, the Lake Erie Regional Development Council, National Parks Scholarship Board, and the Canadian Council for Urban and Regional Research.

In co-operation with other agencies - the department sponsored conferences at the University on "The Erie Dialogue", "Geography in Education", "Geography in Planning", and "Housing". Members of the department prepared and participated in five television programs for CFPL-TV and the Canadian Broadcasting Corporation.

During the year, the department continued its interest and active participation in many inter-disciplinary programs in the University, including Inter-American Studies, Northern Studies, Environmental Planning and the Ste Marie Reconstruction and Museum Projects.

As a part of its service to government and the community, the department co-operated with the Federal Government in providing training sessions on the geographical aspects of Southwestern Ontario to seventeen groups of in-service civil servants on orientation-training tours across Canada.

Continuing and expanding its policies of previous years, the department has developed a close liaison with teachers of Geography in Ontario and with administrators of the Colleges of Applied Arts and Technology, to explore ways in which the University Department may give leadership in the field of Geography.

During the year, Dr. N. L. Nicholson, Senior Professor in the department became the Dean of University College. He will continue his teaching and research activities in the department along with his new academic-administrative duties.

June 30, 1968, marked the end of Dr. E. G. Pleva's term as Departmental Chairman. For twenty years, Dr. Pleva has played a major role in developing his department from its formative years to the present. Dr. Pleva will remain as a Professor in the department and will devote his energetic talents to expanded teaching, research and writing activities. His department and all members of Middlesex College extend their best wishes to Dr. Pleva, and to his successor as Departmental Chairman, Professor V. W. Sim.

The Department of Psychology, under the Chairmanship of Dr. Mary J. Wright, had a most successful year in spite of continuing laboratory and research space difficulties, which fortunately promise partial solution in the forthcoming academic year.

While course registrations in Freshman Psychology decreased slightly, there was a 21.5% increase in senior course registration and an 18% increase in graduate enrolment, mainly at the Ph.D. level. Thirty graduate degrees were awarded during the year, eight of which were in the Ph.D. category. Graduate students in the department held awards from the Canada Council, NRC along with 26 Province of Ontario Graduate Fellowships.

The undergraduate Summer Research Assistantship Program was introduced this year as a method of recruiting able graduate students. Eight students were involved, half from Canada and half from the United States. Students accepted were financed from non-University sources since each worked on grant-supported research. The program will be continued during the academic year 1968-69.

The department has a full-time equivalent faculty of 29 and a total graduate-undergraduate enrolment of 4,529, excluding Extension and Summer School commitments. Twenty-six members of the faculty are directly involved in graduate training along with undergraduate teaching responsibilities.

I am happy to record that the quality of the department continues to earn financial support from a large variety of outside funding bodies. During the academic year, more than \$214,000.00 was received for the support of research and related activities. Information about the sources, recipients and funding of these awards are to be found elsewhere in this Report.

The pre-publication "Research Bulletin" series, has been continued in the department; forty numbers were produced during the year and received high praise internationally from their recipients.

During the year, negotiations have been completed to provide the department with approximately 12,500 feet of assignable space in a Staging Building to be erected on campus in the fall of 1968, and an additional 6,500 feet of Laboratory space in the Collip Research Laboratories. These temporary measures will somewhat alleviate the space problem for 1968-69, but a more permanent solution will have to be found in the near future.

The policy of bringing in Colloquium and Visiting Professors of distinction in support of the graduate program was continued during 1967-68. Among the visitors were Dr. Mortimer Mishkin, Professor Leon Kamin, Professor H. L. Teuber, Dr. A.J. Arrowood, Dr. Endel Tulving, Professor David S. Palermo, Dr. A. K. Bartoshuk, Dr. R. N. Neber, Dr. Roger Stretch and Dr. Lee Brooks.

A two-day conference on Language Behavior, sponsored jointly by the department and the Ontario Hospital, London, was a major success. Participants included Dr. A. W. Siegman and Dr. B. Pope of the University of Maryland and Drs. J. MacNamara and W. E. Lambert of McGill University.

A new combined honors program in Psychology and Physiology was offered for the first time in 1967-68. This program reflected a growing interest in these fields by both faculty and students of the departments contributing to the inter-disciplinary program.

During this eventful year, the department of Psychology contributed significantly to the administrative functions of the University. Dr. G. H. Turner was appointed Dean of Talbot College while Dr. W. J. McClelland became Assistant Dean, Faculty of Graduate Studies. Both appointments will permit continuing teaching and research responsibilities within the department.

Special mention must be made here of a signal honor achieved by Dr. Mary Wright's election as President of The Canadian Psychological Association. Her tireless energy and devotion to her chosen discipline thus received recognition from her colleagues across Canada.

The new department of Spanish and Italian, under the Chairmanship of Professor W. Flint came into being on July 1, 1967.

I am happy to record the rapid expansion of this new department, especially in the first year, Honors, and Graduate M.A. levels. It is significant that 8 members of the graduating class in the French-Spanish Honors Program decided to enter the new two year Spanish M.A. program in which the first year will be spent in Spanish Universities and the second at this University.

The strengthening of the department's graduate work is essential to its future. To this end, the library has been greatly strengthened. Registration on the graduate level has increased 300% and additional experienced faculty have been appointed. It is also expected that a prominent role will be played in the Inter-American Studies group.

In January of 1968, the department was honored to have the distinguished Tirso de Molina scholar, Dr. Ruth Lee Kennedy as a Visiting Professor. As graduate enrolment increases, it is anticipated that a regular Visiting Professor program will be established to reinforce the graduate activities of the department.

The department established two new Honors Programs in 1967-68 (Spanish Language and Literature, and Spanish and Latin). Enrolment in the first of these programs was most encouraging as six second-year and one third-year student entered the program. Also for the first time, an intensive introductory course (Spanish 2) was established. The course emphasized the spoken language and had phenomenal success, both in the numbers attracted and the practical results achieved.

The high level of research and publication activity among members of faculty of the College have continued during 1967-68, materially stimulated by the increased recognition by outside granting bodies and by the availability of University-supported grants in the form of small "pump-primers" administered by

the College. The evidence, in the form of publications, is to be found elsewhere in this Report. Special recognition must be given to those members of the College faculty whose full-length works were published during the year: The Canadian Oxford Atlas, Part 1, Canada, Revised by Professor E. G. Pleva; Characteristics of Commercial Resorts and Recreational Travel Patterns by Professor R. McDaniel and G. D. Boggs; The Personality of North Simcoe County, edited by Professor C. F. J. Whebell and written by W. W. Fieguth of the Department of Geography; The Nature of the Creative Process in Art:- A Psychological Study by Professor Jaraslov Havelka; Problems in Human Assessment by Senior Professor D. N. Jackson with S. Messick; Miscelánea Hispánica, Vol. 1, by Professor Jaime Asensio; and Solana, Escritor by Professor W. Flint.

Members of the faculty of Middlesex College continued to exert significant influence on scholarly and community affairs through participation in learned, professional and public bodies. Of particular significance are the following: Dr. E. G. Pleva served on the Executive Committee Social Science Research Council; the Advisory Committee on Geographical Research of the Department of Energy, Mines, and Resources; the Advisory Committee on Wildlife Resources of the Department of Indian Affairs and Northern Development; the Special Committee on External Aid Research Programs (External Aid Office); the Executive Committee Great Lakes Institute of the University of Toronto; member of the Board of the Canadian-American Seminar of the University of Windsor; the Conservation Council of Ontario; member of the Board of Directors, Lake Erie Regional Development Council; the Universities Advisory Committee, Ontario Department of Economics and Development: the Department of University Affairs; as well as a member of the Awards Panel on Earth Sciences of Ontario.

Professor Hans Hossé was appointed Co-ordinator of a seminar on Environmental Aspects of Regional Development sponsored jointly by the University and the St. Clair Area Planning Board.

Dr. D. A. Chambers was elected Chairman of the Committee on Rehabilitation at Fanshawe College; Dr. H. J. Feenstra served as President, Staff Association of the London Board of Education; Dr. R. G. Gardner held a number of consultantships among which were Consultant in Social Psychology, Center for Applied Linguistics, Washington, D. C., and at the University of California, Los Angeles; Dr. D. N. Jackson was a Consulting Editor for Multivariate Behavioral Research and the Journal of Personality and Social Psychology; Professor Robert N. Knights was appointed Canadian representative of The International Neuropsychological Association and a member of the Board of Directors of the Ontario Epilepsy Association, London Branch; Professor W. J. McClelland was appointed a Board member, Crippled Children's Treatment Center; Professor G. J. Mogenson served as Regional Editor of Physiology and Behavior as well as a member on two senior committees of the National and Defence Research Councils; Professor A. U. Paivio served as Consulting Editor for several journals and was elected University representative to the Social Science Research Council of Canada; Dr. R. G. Stennett was elected Director of the Ontario Psychological Association and served as Chairman, Sub-committee for New Journal, Canadian Psychological

Association; Dr. G. H. Turner was awarded the Centennial Medal; Dr. F. R. Wilkinson continued as District President, London, Church of Jesus Christ of Latter-day Saints (Mormon); Professor W. Flint was elected President, Ontario Chapter of the American Association of Teachers of Spanish and Portuguese.

I am happy to report that each department in Middlesex College established Student-Faculty Committees to study methods for improvement in undergraduate instruction, programs and courses.

A special word of gratitude is due to the Middlesex College Council and its President, Mr. Richard Nichols. Student affairs were numerous and well conducted, including the sponsorship of a series of musical and cultural programs presented in Alumni Hall.

At the conclusion of this very active and fruitful year, I express my gratitude to members of the Faculty, the supporting staff and to the many University Officers and colleagues for their understanding support. A special word of thanks is due to members of the Senate Committee on University Development for their help in solving many of the College's space needs, and to the many members of the Registrar's Department whose assistance was invaluable during the year.

TABLE 1

DISTRIBUTION OF FACULTY AND STAFF - 1967-68

MIDDLESEX COLLEGE

Departments	Senior Profs.	Profs.	Assoc. Profs.	Assist. Profs.	Lecturers & Instructors	T. Fellows & Demonstrators, Research Assists.	Technicians, Technical Officers, etc. Supervisors, etc.	Clerks, Secretaries, & Adm. Assists.	Others	TOTALS
Geography	0	F.T.3 P.T.2	F.T.5 P.T.1	F.T.5	P.T.4	33	F.T.4 P.T.2	F.T.2 P.T.3	2	66
Psychology	1	F.T.2 P.T.3	F.T.11 P.T.3	F.T.10 P.T.2	P.T.3	43	F.T.5 P.T.1	7	23 *	114
Spanish & Italian	0	F.T.1 P.T.1	F.T.2	F.T.4	F.T.1 P.T.1	6	0	1	0	17
Dean's Office -- Typing Pool, Duplicating.									6	6
	1	12	22	21	9	82	12	19	25	203

NOTE 1: Six members of the Department of Mathematics housed in Middlesex College were fully administered by the College of Science

NOTE 2: * Assistants (clerical, technical, etc.) employed on research grants.

THE COLLEGE OF SCIENCE

Report of the Dean

Professor Andrew E. Scott

CHANGE AND GROWTH

In the penultimate paragraph of his report on the Faculty of Arts and Science for 1966-67, Vice-President Inman, writing of changes in that Faculty stated: "A movement for drastic re-organization of the structure of the Arts and Science Faculty, sparked by the College of Science, gained momentum during the year". Now we know that these evolutionary changes have culminated in the birth of four new Faculties and the year in review constituted a period of active preparation for that event.

One of the most active committees during this period was the College of Science Reorganization Committee chaired by Dr. J. W. Lorimer of the Department of Chemistry. Not only did this committee draw up the "blueprint" for the constitution of the new Faculty but later, under the new title of the "ad hoc Operations and Nominating Committee of the Faculty of Science", brought forward a report which was approved, with minor modifications, by the Faculty of Science Council at its first meeting. I should like to take this opportunity of thanking Dr. Lorimer and the members of his committee for a task cheerfully accepted and well executed.

The year 1967-68 saw the introduction of a new Department in the College of Science - Applied Mathematics - under the headship of Dr. J. H. Blackwell, bringing the total number of academic departments up to 10. Another significant academic milestone was the introduction of a three-year General B.Sc. degree to complement, and in certain cases replace, the B.A. degree with majors in science. To date it is being offered in the fields of Chemistry, Computer Science, Mathematics and Physics. It is currently being considered by the biological departments and may have far reaching implications upon the entire undergraduate offerings of the College. By allowing a greater degree of specialization in the major subject than was possible with the B.A. degree, and with a provision which permits students to take honors courses, it is expected and hoped that this degree will attract more students to the teaching profession. Furthermore, the three year B.Sc. degree provides a qualification for those students who wish to enter the ranks of industry without proceeding to the essentially research orientated honors degree.

The space situation remained critical throughout the year, compounded by the lack of adequate staging space. Two lecture rooms in the Biology and Geology building were converted to laboratories and various nooks and crannies were found to accommodate the overflow from other departments, particularly Astronomy, Computer Science and Mathematics. The short and long term prospects look grim unless adequate space facilities are made available quickly. Two departments, Astronomy and Computer Science, are essentially off campus. Another, Mathematics, is distributed between three buildings and the pressures on the laboratories in the physical and biological sciences are reaching intolerable proportions.

To introduce a more cheerful note, I am pleased to report that by the close of the year the 48-inch telescope to be installed in the new Observatory at Elginfield was nearing completion in California. Final approval for the Observatory project was obtained from the Ontario Government and a start to construction and general site development has already begun at Elginfield.

An important development during the year under review was the greater degree of integration achieved with the six Basic Health Science Departments of the Faculty of Medicine in preparation for their incorporation within the Faculty of Science. In preparation for this event, and in order to make recommendations concerning the future of Biology teaching within the Faculty, a Biology Committee is studying possible curriculum changes. It is interesting to note that the Biological Council is also currently carrying out a survey of Biology teaching in high schools across Canada.

One of the important endeavours of the College of Science is its visiting lecturer program through which Departments are encouraged to bring to Western lecturers in specialized topics for the benefit of their faculty and students. In addition, the University Lecturer in Chemistry series, formerly called the 3M Lecture Series, brings to the campus each year a distinguished chemist to present a series of lectures. This year our visitor was the distinguished theoretical chemist Dr. J. O. Hirschfelder.

I am pleased to report that a new series entitled the Biological Colloquium has been introduced this year under the co-sponsorship of the College of Science, the Faculty of Medicine and the Faculty of Dentistry. Dr. G. E. Palade, a biologist of international repute on the staff of the Rockefeller University of New York, accepted our invitation to inaugurate the series. The colloquium was proclaimed a great success by all who attended and we look forward to it becoming an annual event.

Three symposia were arranged during the year by Departments in the College of Science as follows.

- (a) In Botany Dr. B. G. Cumming organized and chaired a Symposium entitled "Ciscadian Rhythms and Physiological Phenomena in Plants". This was held in June and attracted speakers from a wide area.
- (b) In January the Department of Geology conducted a symposium on "Experimental Methods in Petrology and Ore Genesis". During the two days of the symposium sixteen papers were presented. Participants numbering close to a hundred came from a wide area of both Canada and the United States.
- (c) The Department of Geophysics arranged a symposium entitled "The Permian and Triassic in Relation to the Continental Drift and Expanding Earth Hypotheses". This symposium was held in February, 1968 and also drew scholars from many parts of Canada and the United States. Twenty one papers were presented.

During the year the College of Science had 155 faculty members and a full time supporting staff of 124. Scholarly publications continued to increase in number, a total of 227 being recorded.

RESEARCH

It is not possible in this report to highlight all the aspects of research carried out by the ten departments in the College of Science, but a measure of the productivity of these units may be obtained from a perusal of Table IV, Section IV, which sets forth the research monies granted to our departments from external agencies during the year. This total of nearly 1-1/2 million dollars constitutes almost 45% of the operating component of the College of Science budget.

On December 1, 1967, the Centre for Radio Science was established. This unit will provide facilities for research in many fields of Radio Science and has grown out of an area of concentration in the Department of Physics. The Centre is not an instructional unit of the University. However, a graduate student of the Centre must be registered in a department or faculty of the University, the graduate courses and student's degree program being administered by the department or faculty in which he is registered. Research topics range from the generation and detection of radio waves, to a study of all levels of the earth's atmosphere using ground-based rocket-borne and satellite-borne instruments. Co-operative research arrangements exist with several other universities. Already, 23 graduate students are registered with the Centre.

For the second year in succession a member of the Department of Chemistry has received a top award. Following upon the presentation of the Merck-Dohme award to Dr. P. de Mayo last year, comes the presentation of the Noranda Medal to Dr. H. C. Clark for outstanding work in Inorganic Chemistry. These are two of the top awards given by the Canadian Institute of Chemistry and it is indeed unusual for two such awards to be presented to members of the same department in consecutive years. Once again, the publication record of the Department of Chemistry is worthy of mention, a total of 51 for the year.

In Geophysics work continues on an investigation of the Chandler wobble. Drs. L. Mansinha and D. D. Smylie have carried out work which indicates that large earthquakes might contribute to the slight wobble of the earth about its axis of rotation, and variations in the wobble may be a sign that earthquakes are about to occur. These workers have shown that the somewhat fitful path of the North Pole can be fairly closely described by a series of curves separated by breaks and that most of these occur within a few days of a major earthquake.

Work proceeding in the Department of Geology indicates that the microfossils, conodonts, hitherto regarded as independent of their environment, now appear to be influenced by this factor. Dr. C. G. Winder has spent several years studying this phenomenon assisted in recent work by a graduate student, Mr. K. F. Ferrigno.

From the Botany Department comes the news of important developments in the techniques of analysis of vegetation data, notably Karyotype analysis of *Zea Mays*, which has been successfully completed. Discovery of a species of *Aspergillus ustus* that will effect the degradation of up to 50% of lignin over a period of two weeks is of great potential practical significance. Work being carried out on the cryogenic storage of fungi is important in relation to methods of long-term preservation of fungi for use in research and industry.

News of a new research tool of the future comes from the Department of Astronomy. The 48-inch telescope is now nearing completion in California and work has started on the construction of the Observatory at Elginfield. It is hoped

these buildings will be completed by January, 1969.

During the year new computing facilities were installed in the Natural Sciences Centre. The machine, a PDP-10, is operated and maintained by the Computing Centre which is affiliated to the Department of Computer Science. The PDP-10 is one of the most modern computers and will be connected by remote terminal to various parts of the University.

STATISTICSTABLE 1CHANGES IN FACULTY

<u>Department</u>	<u>New Appointments</u>	<u>Terminations</u>	<u>Total Faculty</u>
Applied Mathematics	3	0	10
Astronomy	0	0	5
Botany	2	1	17
Chemistry	0	0	24
Computer Science	4	2	15
Geology	2	0	13
Geophysics	1	0	7
Mathematics	5	0	22
Physics	2	1	23
Zoology	4	0	19
	—	—	—
	21	4	155

TABLE II
DISTRIBUTION OF SUPPORTING STAFF

<u>Department</u>	<u>Secretarial</u>	<u>Technicians</u>	<u>Others</u>	<u>Total</u>
Applied Mathematics	1-1/2	0	0	1-1/2
Astronomy	1	3	1	5
Botany	4	19	0	23
Chemistry	7	13	0	20
Computer Science	2	0	0	2
Geology	3	8	1	12
Geophysics	1-1/2	3	0	4-1/2
Mathematics	2	0	0	2
Physics	4	13	1	18
Technical Services	1	10	0	11
Zoology	3	14	2	19
General	2	3	1	6
	32	86	6	124

TABLE III
PUBLICATIONS

Applied Mathematics	7
Astronomy	6
Botany	42
Chemistry	51
Computer Science	10
Geology	29
Geophysics	15
Mathematics	19
Physics	14
Zoology	34
	<hr/>
	227

TABLE IV
GRANTS IN AID OF RESEARCH

<u>Department</u>	<u>Amount</u>
Applied Mathematics	\$ 31,560.00
Astronomy	22,440.00
Botany	121,700.00
Chemistry	416,562.00
Computer Science	35,000.00
Geology	146,530.00
Geophysics	69,365.00
Mathematics	23,640.00
Physics	443,502.00
Zoology	181,395.00
	<hr/>
	\$1,491,694.00

CONCLUSION

The year under review has been one of rapid growth and change. The new Senate is now fully operative, and along with this comes the awareness by the faculty of their new role in the university affairs. In fiscal matters the impact of formula financing is also making itself felt, and the uncertainties created by ever increasing enrolment place yet greater pressures on existing space.

It is in this context that the College of Science becomes a Faculty with all the attendant problems of re-organization. Without the help of many people this re-organization would have been extremely difficult, if not impossible, and I would like to record my sincere appreciation to Professor G. H. Reavely for his untiring support, and to Dr. J. W. Lorimer and his Reorganization Committee for laying down the guidelines upon which we are now operating. I would also like to take this opportunity of thanking Mrs. Jean Sutherland, Mrs. Mary Boniface and Miss Eleanor Walker for keeping the wheels turning so efficiently in the Dean's Office.

TALBOT COLLEGE

Report of the Dean

Professor Gordon H. Turner

Talbot College began its second year of corporate life under circumstances that were unusual in several respects. Dean J. G. Rowe had resigned and departed and Professor A. E. Raymond had agreed to function as Acting Dean for the summer months only. It was not until September 18th that I was appointed Dean for the remainder of the academic year and moved from Middlesex College to become one of the large number of newcomers to Talbot. In the humanities and social sciences it was the first time since 1960 that all members of the same department were under one chairman and under the same roof. To achieve this it had been necessary for members of the Departments of English, French and Spanish and Italian residing in Talbot to join colleagues in University and Middlesex Colleges while members of the Departments of German, History, Philosophy and Russian Studies residing elsewhere joined their colleagues in Talbot College. About a third of the faculty were involved in this interchange. When it was complete, Talbot College was comprised of the unified departments of Classics, German, History, Philosophy, Political Science, Russian Studies and the newly-established Department of Fine Art.

Also unusual was the fact that the student body was composed of freshman and sophomore students, only, and was without a separate student government to help it achieve its own identity. Finally, faculty and students alike were aware that the second year might become the last, for Talbot. (It was well into the second half of the year before it was known that Talbot College would continue as an administrative unit for a third and final year.) For faculty, the joys of departmental reunification were tempered somewhat by the uncertainty regarding the future structure of what had been for years the Faculty of Arts and Science.

Despite the unsettling changes it was undergoing, Talbot College, as an academic unit, displayed a strong sense of community. This was in evidence in the congenial atmosphere of the Faculty Lounge and in the spirited discussions that occurred there and also in the formal actions taken by the department chairmen and by the faculty to make known their stand on the issues that concerned them most. It was also revealed in the extent to which departments carried forward the development of participative decision-making machinery covering, in some cases, such sensitive matters as recommendations for promotion and for salary increases as well as policy-setting in general.

At the college level, decisions concerning such matters as the allocation of space and funds for research and travel were made by mutual agreement among chairmen or by recommendation of a faculty committee established for the purpose (e.g., the Research Committee). Moreover, students were involved in a greater degree than ever before, both at the department level and at the college level. In addition to the students on the previously established Faculty-Student Liaison Committee, three student representatives were invited to participate fully in faculty meetings and students were added to the House Committee and to the Library Committee. The soundness of these steps was soon apparent as student representatives readily won full acceptance as committee members by the substantial contributions they were able to make to committee and faculty deliberations.

If there was considerable innovation and experiment in the application of participative decision-making principles to departmental and college administration it was not to the detriment of scholarship and professional activity. Not everyone published but those who did were sufficiently prolific to more than make up for the others. The faculty of eighty produced one hundred and seven publications, five of them, books. Moreover, while members of faculty carried their share and more, of the committee work of Senate and of the Faculty of Arts and Science and of the Faculty Association, they were remarkably active as special lecturers to outside groups and in the presentation of papers to learned societies.

To the great enrichment of faculty and students alike, Talbot College departments made full use of their opportunities to bring distinguished scholars on campus as visiting lecturers. The full extent of these activities is revealed in Appendix Unique in this regard was the third Fall Colloquium of the Department of Philosophy concerned with Philosophical Logic, the deliberations of which are being edited and added to the literature in this field. The value of this event lay not only in the number of outstanding scholars attracted to our campus but in the heavy involvement of so many members of the Department of Philosophy as participants in the program itself.

Worthy of special mention as one of the high points of the academic year was the honor that was paid by the Canada Council to Professor Wallace K. Ferguson of the Department of History. He was awarded a Canada Council Medal in recognition of his many years of outstanding scholarship as a medieval historian. It is a singular honor to Western that it can claim him as a member of faculty as well as a graduate.

Among the events of significance, if not of high drama, the transformation in the cloister of Talbot College should not go unmentioned. The foresight of Dean Rowe, the energy and good taste of an excellent House Committee and the enthusiasm and co-operation of the new Department of Fine Art combined to furnish not only attractive, highly functional and badly needed seats for student wayfarers but also a series of art exhibits that have turned the cloister from a passageway out of the rain into an inviting place for refreshing pause and meditation. This is only one of the many ways in which the Department of Fine Art has enriched the University and the community outside by its presence.

Another cultural influence worthy of note was that of the Talbot College Theatre. In its second year it made great strides in the variety of program it could offer and especially in the opportunities it provided for the training of campus groups in theatre production. As each month went by its technical facilities were being more fully developed and utilized and its potentiality as a training ground more fully realized. (It is much to be regretted that the auditorium had to be commandeered for classes for fourteen hours a week as this presented the theatre with a problem that became more and more crippling as the demands for theatre time for rehearsal and instruction in drama built up.)

Was teaching neglected in the enthusiasm for scholarly achievement, administrative innovation and cultural enrichment? Not at all. There were 4,783 class registrations last year distributed among 193 different course offerings. One may note with satisfaction that 565 of those were in Classics, 466 in German and 118 in Russian, strongly suggesting, if not indicating that there were many serious students about. The students of Latin and Greek and of German and Russian were, of necessity, in small classes, the latter enjoying the further benefits of fine language laboratory facilities. Furthermore, the many large lecture classes were supplemented by 139 tutorial groups, indicating the magnitude of the effort being made to provide students with the opportunity to establish contact with instructors and with one another in tutorial discussion, despite the pressures of large enrolment.

The determination of department chairmen to work together despite deep and sometimes bitter differences of opinion and the pervasive good will and support of the students, members of staff and of faculty made the year at Talbot a deeply satisfying one for me. In such fine company there was pleasure even in adversity. Talbot College has, in my view, been behaving itself as a lively community of able scholars should. It has been a great pleasure to be associated with the college during the past year and I believe that Western has every reason to be proud of the achievements of this segment of its Faculty of Arts and Science.

ADDRESSES AND PAPERS PRESENTED BY THE FACULTY

Department of History

Emerson, R. L. Althouse College of Education Conference, February, 1968.

Ferguson, W. K. "Music in the Renaissance", Music Teachers' Association, Toronto, January, 1968.

"A Defence of Erasmus", Illinois State University, Normal, Illinois, April 19, 1968.

Hamilton, W. B. "P. S. Hamilton - The Forgotten Confederate" Centennial Edition Transactions of Nova Scotia Historical Society.

Hilborn, K. H. W. "Viet Nam" Unitarian Fellowship of London, January, 1968.

"Canada's Role in Asia" Toronto and District Young Progressive Conservative Council, March 1968.

Lander, J. R. "Henry V and Nationalism" The Medieval-Renaissance Seminar, U.W.O.

McLaughlin, J. P. "The Music of the French Revolution" Middlesex Series, U.W.O., November, 1967.

Neary, P. "Newfoundland's Quest for Reciprocity, 1890-1910", paper (written with Prof. S. J. R. Noel) Memorial University of Newfoundland: Canadian Historical Association Centennial Seminar, August 1967.

"New Dimensions in Canadian History", Althouse College of Education. Conference sponsored by the Ontario History Teachers' Association and the History Department of U.W.O.

Ogelsby, J. C. M. "The Failure of Guerrilla Movements in Guatemala and Bolivia", U. of T., October 24, 1967.

"Latin American Guerrilla Movements" National Defence College, Kingston, Ont., January 29, 1968.

"Regionalism and Nationalism in Canada" NDY Regional Seminar, Universite d'Ottawa, August 5, 1967.

Steele, I. K. "Guerrillas and Grenadiers, 1689-1760", Address given at Ontario History Teachers Association U.W.O. Conference, February 17, 1968.

Ruud, C. Lectures to Russian Club, History Class - Glendon College, High School principals and teachers at Althouse College - all on Soviet Union.

Department of Philosophy

Angeles, P. A. "The Church Fathers (and the Greeks) on the Creation of Matter, April 25, 1968.

Binkley, R. W. "Comments on E. Sosa's 'On the Logic of Ethics' " American Philosophical Association, December 1967.

"Lagado Predication and Practical Ambiguity" U.W.O. Philosophy Staff Colloquium, October, 1967.

Block, I. Department of Philosophy, University of Nebraska, March, 1968.

Paper read to staff colloquium on Austin, April 1968.

Butts, R. E. "The Purposes of Kant's Talk about Purposes", 3rd International Congress for Logic, Methodology and Philosophy of Science, Amsterdam, August, 1967.

French, S. G. "Developing a Philosophy of Education", Ontario Department of Education Principals' Course, July 1967.

"Local Control of Education", The University of Saskatchewan, October 1967.

Johnson, H. J. "Why Five Ways? a thesis and some alternatives" at Fifth International Congress of Medieval Philosophy, Universite de Montreal, August 1967.

"The Grounds of Human Rights, United Nations Seminar, Huron College, June 24, 1968.

"Education for What?" July 2, 1968, Secondary School Principals' Course at Western under Ontario Department of Education.

Maynard, P. L. "Realistic Pictures": U.W.O. Philosophy Staff Colloquium, February 19, 1968.

Pearce, G. U.W.O. Staff Colloquium: Paper "About Nonsense".

Rollins, C. D. Various versions of a book-chapter on empirical significance, propositional significance, and the notion of personal survival of death, at: University of Illinois, Chicago Circle; University of Connecticut; University of Massachusetts; University of Waterloo.

Williams, M. E. "Time in Hegel's Philosophy," to be delivered at the June Meetings of the Canadian Philosophical Association.

Wilson, W. K. "Correlations, Essences and Carnap's Use of 'Enumerative Definition' ", read at the 3rd International Congress for Logic, Methodology, and Philosophy of Science, Amsterdam, August 1967.

Department of Political Science

Althoff, P. Paper: 1968 Annual Meeting of the Canadian Political Science Association.

Beecroft, E. Address on "Urban Policy" at the Policy Conference of the Progressive Conservative Party, August 1967. Published for the Convention in September 1967.

New Patterns of Local Government in Canada, Stockholm, September 1967. To be published.

"Logement publique: l'interet municipal", Montreal, November 17, 1967.

Paper on Grant Systems at Special Tax Conference of the Canadian Tax Foundation, January 1968.

Television Broadcast (½ hour interview) on "Housing Policy", CFPL London, March 1968. Repeated several times.

Paper on "Representation in Regional Government", Oshawa, Ontario, May 25, 1968.

Dawson, W. F. 9 panel talks, Conference on World Affairs, University of Colorado, April 1968.

Dobell, W. M. "The Creation of Pakistan - some lessons for Canada", Ontario College of Education, Toronto, March 23, 1968.

Khanh, H. K. "Prospects for Peace in Viet-Nam". Presented at CCASS Study Conference, May 1968.

Rush, M. D. "Discussant at the CPSA Annual Meeting in Calgary June 5-7, 1968. Commenting on "The Royal Prorogative: the Case of Attlee, Dalton & Bevin.

Department of Russian Studies

Ignatieff, L. "A Philosopher Who Loved His Philosophy" - Dr. Zhivago. Queen's University, March 1968.

VISITING PROFESSORS AND LECTURERS

Department of Classics

Topic

T. M. Robinson
(Department of Classics, University
of Toronto)

Virgil and the Rationale of Verse-
Translation

Department of Fine Art

Harold Cohen
(British Artist)

"Role of the Artist in Present-day Society"

Department of German

Leonard Forster
(Cambridge University)

Seminar on Modern German Literature

Department of History

Igor Agu
(Exchange student from Russia from
University of Toronto)

Michael Bassett
(University of Auckland, N.Z.)

Socialist Party in the U.S.

J.F. Boshier
(Cornell University)

Modern French History

J. N. Chaudhuri
(High Commissioner for India)

Problems of Modern India

W. H. B. Court
(University of Birmingham)

Economic History

J. Eayres
(Department of Political Science,
Carleton University)

Modern Diplomacy

Blair Fraser
(Journalist)

Problems of French Canada

Herbert Heaton
(University of Minnesota)

Economic History

Louis Kampf
(Mass. Institute of Technology)

The Intellectual in the Modern World

K. A. McKirdy
(University of Waterloo)

Commonwealth History

Sir Stephen Runciman
(AUCC Centennial Lecturer)

Byzantine History

L. Paul Tardif
(External Affairs)

Brazil

John Wilson
(Institute of Education, University of
London)

R. Wortman
(University of Chicago)

Russian History

Department of Philosophy

Harry Bracken
(McGill University)

Chomsky's Variations on a Theme by
Descartes

James Leach
(University of North Carolina,
Chapel Hill)

Probabilities, Performatives, and Evaluations
in the Analysis of Knowledge

George Nakhnikian
(Wayne State University)

Philosophy Club Lecture

Paul Olscamp
(Ohio State University)

Reasons and Imperatives in Hare

George Schlesinger
(University of North Carolina,
Chapel Hill)

"The Movement of Time" and "Science
and Society"

Brian Skyrms
(University of Illinois, Chicago Circle)

"Return of the Liar", "On the Nature of
Philosophical Reduction" and "On the
Explication of 'x knows that p' "

Marx Wartofsky
(Boston University)

Pictures, Perceptions, and the Understanding

Department of Philosophy
Fall Colloquium:

Robert Ackermann
(Washington University, St. Louis)

Some Problems of Inductive Logic

A. R. Anderson
(University of Pittsburgh)

Commentator

Lennart Aqvist (University of Uppsala)	Interrogative Logic
J. Bar-Hillel (University of Israel)	Distinguished guest
Nuel D. Belnap, Jr. (University of Pittsburgh)	Commentator
George Berry (Boston University)	Chairman of Session
A. W. Burks (University of Michigan)	Session Chairman
T. A. Goudge (University of Toronto)	Session Chairman
John Heintz (University of North Carolina, Chapel Hill)	Distinguished guest
James Leach (University of North Carolina, Chapel Hill)	Distinguished guest
Martin Lean (Brooklyn College)	Distinguished guest
Storrs McCall (University of Pittsburgh)	Distinguished guest
J. Sayer Minas (University of Waterloo)	Distinguished guest
Wesley Salmon (University of Indiana)	Distinguished guest
Wilfrid Sellars (University of Pittsburgh)	Some Problems about Belief
Brian Skyrms (University of Illinois, Chicago Circle)	Commentator
Ernest Sosa (Brown University)	Commentator
Howard Smokler (C. W. Post College)	Distinguished guest
G. H. Von Wright (University of Helsinki)	Deontic Logic

Department of Political Science

C. Bay
(University of Alberta)

J. Eayres
(University of Toronto)

A. Faintuck
(City Planner, Ottawa)

B. Farrell
(Northwestern University, Evanston, Ill.)

L. Greene
(University of Alberta)

R. J. Jackson
(Carleton University)

H. N. Lash
(City Planning Dept. Montreal)

J. R. Pennock
(Swarthmore College, Swarthmore, Pa.)

D. Stokes
(University of Michigan)

P. Uren
(Carleton University)

G. R. Winham
(McMaster University)

H. Wiseman
(Queen's University)

Department of Russian Studies

Gleb Struve
(Slavic Department, University of
California, Berkeley Campus)

Gleb Zhekulin
(Russian Department
McGill University)

Recent Developments in Soviet Literature

COLLEGE OF MUSIC

Report of the Dean

Professor Clifford von Kuster

The 1967-68 season was a year of expansion and consolidation of long-range planning at the College of Music. Enrolment continued to increase reaching a total of 146 full-time students plus 250 Arts and Science students using one or more courses in music as credits towards a degree. This is an increase in full-time students of approximately 20% and 66% in part-time students over last year.

Shortages of space, already apparent last year, became critical this year and a second annex was provided in November to alleviate overcrowding to some degree. As enrolment continues to exceed projections, however, it becomes increasingly apparent that more temporary facilities will be needed to house the College until the new music building outlined in the Trueman Report can be built. In this connection plans for a second rehearsal area, additional practice and teaching studios and a doubling of the space now held by the library have been submitted.

The Trueman Report, prepared by a sub-committee of the Senate, which makes specific recommendations for the development of the College of Music, including a Graduate program and the new building mentioned above, received its first reading in Senate and is now being studied by other Senate committees.

A Master's program in music with five areas of specialization was approved by the Faculty of Graduate Studies and will be submitted to the Ontario Council on Graduate Studies later this season. In April the College was visited on behalf of the Ontario Council by Dr. Paul Henry Lang of Columbia University and Dean W. Bain of Indiana University who evaluated our projected Master's program in terms of our present facilities, faculty and planned expansion. Enquiries about Graduate offerings in music continue to be received from Canadian and foreign students. It is hoped that the program can begin in 1968-69.

Assisted by a grant from the Canada Council the College was enabled to appoint a cellist-in-residence, Mr. Tsuyoshi Tsutsumi, whose impact through his teaching and performing has greatly enriched our musical environment. As well as a number of appearances on campus, Mr. Tsutsumi performed with the London Symphony, the Aeolian Chamber Orchestra and, in collaboration with Professor R. Skelton, conducted a summer string workshop at the Lakehead School of Fine Arts in Port Arthur. He continues to tour internationally, this year's foreign appearances having included concerts in Chicago with conductor Seiji Ozawa, Hong Kong, Manila, Tokyo, Sappora (Japan), Paris, Berlin Radio, Zurich, Budapest and other Hungarian cities, Rumania, Greece, Yugoslavia, The Netherlands, and Norway. In January he gave a recital at the Metropolitan Museum of Art in New York.

The formation this year of the College of Music String Quartet has added yet another dimension to our performance program. This ensemble, with Professor R. Skelton, first violin, Mrs. J. Hysen, second violin, Professor R. Aldrich, viola, and Mrs. E. Tracy, cello, has given over thirty concerts this year including a tour of Western Canada with appearances in Vancouver, Edmonton and Saskatoon. The Quartet also gave twenty-one concerts in elementary and secondary schools in Ontario, some of which also included performances of Mr. Tsutsumi. It is hoped that this activity can help to stimulate interest in string study in this country.

As the College achieves added maturity it is natural and desirable that members of faculty become more and more involved in community organizations. The London Symphony for example draws nearly half of its personnel from the College of Music faculty and student body. Professor R. Skelton continues to serve as concert master and Professor R. Aldrich, newly appointed to the Faculty this year, is leading violist.

The College of Music concert series which presented over three dozen special musical events this year assumes an increasingly important role in the musical life of the community and as a supplement to our degree program. Although space no longer permits listing each of these events, the following is a resumé of some of the most significant.

- | | |
|--------------|---|
| October 17: | The Manitoba University Consort in a program of Medieval and Renaissance music performed on authentic instruments of the period. |
| November 21: | Aksel Schitz, baritone, singing the song cycle "Winterreise" by F. Schubert, with C. von Kuster at the piano. |
| November 27: | Jean Papineau-Couture in a lecture-recital of his own works, performed by College of Music students and faculty. |
| November 28: | Jean Papineau-Couture conducting a student composers' forum. |
| December 19: | Christiane Van Acker, mezzo-soprano, Michel Podolski, lutenist, in an evening of music for voice and lute. |
| January 11: | Dr. John White, musical director of New York Pro Musica. Lecture: "The pleasures and problems of performing early music." |
| January 16: | Tsuyoshi Tsutsumi, cellist-in-residence in recital with pianist Stephen Swedish. |
| February 23: | "Electronic Sights and Sounds," a lecture-recital by Lowell Cross and David Tudor. |
| February 25: | "Liszt-Bartok Program," lecture-recital by Dr. Damiana Bratuz. |
| March 26: | Chamber music program presenting Rhoda Pendleton, soprano, with the Faculty String Quartet in a work by Respighi and a Canadian premiere of Alfred Rosé's string quartet. |
| April 1: | Tsuyoshi Tsutsumi, cellist-in-residence in recital with pianist Stephen Swedish. |

Members of the faculty are also in demand as lecturers, festival adjudicators, examiners and performers. The following is a brief summary of some of their activities.

Professor D. McKellar was an adjudicator at the St. Catharines music festival and a music examiner at Mount Allison University in June. He serves as Secretary to the Canadian Association of University Schools of Music and adviser for the Ontario Department of Education ETV Music Council. Professor McKellar continues as conductor of the U.W.O. Symphonic Band which performed in Alumni Hall with the Nine O'Clock Series, in St. Thomas in the Community Concert Series and in a number of noon hour concerts in Talbot College Theatre.

Professor Paul Green conducted the College of Music Brass Choir in performances in Alumni Hall and St. Thomas. He was instrumental adjudicator at the Sault Ste. Marie and Ottawa music festivals and presented a paper at the Calgary Conference of the Canadian Association of University Schools of Music. Recently he became chairman of the Past Presidents' Council of the Ontario Music Educators' Association.

Professor Howard Munn continues to serve as Principal of the Western Ontario Conservatory of Music which operates in academic co-operation with the College of Music. Professor Munn served as Chairman of the Board of Examiners of the Ontario Registered Music Teachers' Association and President of the London Chamber Music Society. He was featured speaker at the O.R.M.T.A. Willowdale Study Group and at the St. Joseph Academy of Music, London.

Professor R. Skelton conducted a two week string seminar at the Lakehead School of Fine Arts in August; and served as string adjudicator in St. Catharines and St. Thomas music festivals. He continues to conduct the U.W.O. Symphony Orchestra which performed twice in Alumni Hall and in two London Secondary School concerts. In addition to his position in the Faculty String Quartet and the London Symphony mentioned earlier in this report, Professor Skelton also performed in solo recitals on a number of occasions including an Aeolian Hall appearance.

Professor E. Terry conducted a four day choral workshop for music teachers in Prince Edward Island and similar workshops in Calgary and Vernon, B.C. He also was guest lecturer at McGill University (MacDonald College) in the summer of 1968. Professor Terry is the author of a new music textbook series published by Ginn and Company.

Professor J. Stark, our "singing musicologist," performed the role of the Evangelist in Bach's St. John Passion in Aeolian Hall, as well as presenting two programs of Lieder and art songs at the College.

Professor Damiana Bratuz, newly appointed pianist to the College faculty this year, performed a number of times locally including at the Western Ontario Conservatory of Music Convocation in Alumni Hall, as well as Washington, D.C. in a recital at the Phillips Gallery. She conducted piano workshops in Sarnia and Ottawa

and appeared as lecturer with the University Women's Club and as lecturer-performer with the London Symphony in children's concerts in London, St. Thomas, Ingersoll and Tillsonburg. Dr. Bratuz has written a book on "The Folk Element in the Music of Bartok" which is about to be published by the University of Oklahoma Press.

Professor A. Rosé appeared on CBC radio in an interview with Robert Chesterman and gave lecture recitals for the Italian Club of King's College and at the College of Music with tenor Vernon Howard. The first Canadian performance of Professor Rosé's string quartet and piano sonata were given in the College concert series this year.

Professor R. Aldrich, in addition to his activities with the Faculty String Quartet and London Symphony, already noted, conducted a viola workshop at the Ontario Youth Music Camp in summer 1968. He also took part in the Guelph Spring Festival conducted by Nicholas Goldschmidt.

Professor Gordon Greene conducted the University of Western Ontario choir and adjudicated music festivals in St. Thomas, Leamington and Mitchell. He also conducted an Alberta Provincial Government choral workshop in Camrose, Alberta from July 28th until August 10th.

Professor James Ford served as President of the London Musicians Union and was a member of the Board of Directors of the Canadian Bandmasters Association. Professor Ford was assistant director and trumpet instructor at the Ontario Youth Music Camp at Beaverton, Ontario during the summer and plays principal trumpet in the London Symphony Orchestra.

Professor Peter Clements composed a work commissioned by the Sunday Nine O'Clock Committee which was performed in the December Nine O'Clock concert. Titled "The Cloud of Unknowing" the work was scored for choir, orchestra, narrators and electronic sound. He also conducted an "experiment in creative music" with a Grade 13 class at Wheable Secondary School in May. The experiment culminated in the production of an original sound track for an 8 minute National Film Board film.

HEALTH SCIENCES

Report of the Vice-President

Dr. O. H. Warwick

Progress continues in the development of our Health Sciences Centre. The strike by construction workers during the latter part of the year under review has delayed completion of the Dental Sciences Building, but will not adversely affect its use for the dental clinical sciences in the fall months. Approval in principle has been given by the provincial government for construction of an addition to the Kresge School of Nursing. The working drawings and specifications for the University Hospital are almost complete and construction is scheduled to begin in the early part of 1969.

Present trends and forecasts of student enrolment indicate that we shall have greatly increased responsibilities in education and research within the next few years. Preliminary planning to meet our physical needs has focused, in addition to Nursing, upon extension of the animal quarters, completion of a dining and common room area for all students in the health sciences, and upon a major addition to facilities for the basic sciences common to medicine, dentistry, and nursing.

The acquiring of staff to meet new teaching commitments has continued to occupy much of the time of our deans and department heads. The year has been marked by a substantial increase in full-time staff for the clinical sciences in both medicine and dentistry. The staff of the School of Nursing requires even further augmentation to meet the clinical teaching requirements of the new B.Sc.N. program.

In common with most other faculties there is no shortage of student applicants for the courses offered. The honors programs in the basic medical sciences are expanding and an increasing number of science majors are electing courses within this same field. Enrolment in the Faculty of Graduate Studies is increasing each year. Two further pilot classes in dentistry and physiotherapy have completed their year and entering classes of thirty-two and twenty respectively have been selected for the coming year. Enrolment in the B.Sc.N. program has been limited by staff size and by the facilities required for clinical teaching.

The large number of well qualified applicants for the study of medicine at our University continues to present a problem. The overall Canadian picture for 1967-68 is reviewed in an article by Nelson-Jones and Fish in the Canadian Medical Association Journal of October 5, 1968. Some qualified applicants can find no place in our Canadian schools. It seems reasonable, therefore, that we should expand our own entering classes from seventy-five to one hundred once we can be assured that the clinical teaching facilities at the University Hospital will become available.

We wish formally to acknowledge the full co-operation of our affiliated hospitals in all of our educational programs. Westminster, Victoria and St. Mary's Hospitals have been particularly generous in helping our School of Nursing with its clinical program, and the by-laws of Victoria and St. Joseph's Hospitals have been amended to give proper recognition to dental services. It is our hope that each hospital will eventually be prepared to participate in undergraduate and graduate dental education.

We wish also to acknowledge the contributions of the Department of University Affairs and the Department of Health in the development of our programs. Each has helped financially within the limits of its resources but it might be pointed out that those of us entrusted with the education, at the instigation of Government, of an increasing number of health personnel in all fields find ourselves in an ever more frustrating position. New facilities are being generously supplied, but the operating funds necessary for their optimal functioning are becoming increasingly difficult to obtain. The cost of educating students in the health sciences is high. Of a number of factors responsible, two might be mentioned. The first is the component of service to the community associated with our academic programs, a factor not prominent in other professional schools. The second is that of personal, often one to one, relationship between teacher and student, particularly in the clinical years, resulting in a high staff-student ratio. The Committee on University Affairs is reviewing its formula of basic income units as applied to medical students and hopefully, will extend its studies to dentistry and nursing. Our wish is to perform well the functions assigned to us drawing our fair share, neither too much nor too little, from the total funds available to the University.

We express to President Williams, in his first year of office, our appreciation for his interest and support of all our endeavours engendering as they do their share of problems and troubles.

The Chancellor, Mr. V.P. Cronyn, has completed his term of office this year and three members of the Board of Governors have retired after many years of service to the University. Mr. Cronyn, Colonel D.B. Weldon, Colonel J.G. Thompson and Mr. W.L. Duffield have strongly supported the concept of a university-based Health Sciences Centre serving the health needs of the area in association with our affiliated hospitals. We are pleased that they are able to see the fruits of their endeavours and we thank them for the many hours of effort expended on our behalf.

FACULTY OF MEDICINE

Report of the Dean

Dr. D. Bocking

During the year 1967-68, the Faculty of Medicine was proud to have played a role along with the School of Nursing and the new Faculty of Dentistry in the development of the Health Sciences Centre at Western. The Faculty also wishes to record its appreciation of the continuing co-operation of its affiliated teaching hospitals - especially St. Joseph's, Victoria, and Westminster Hospitals.

FACULTY

The Faculty learned with regret of the passing in Toronto on November 11, 1967, of Dr. F. R. Miller who was Professor and Head of the Department of Physiology from 1914 to 1946, and Research Professor of Physiology from 1947 to 1950.

During the year there were changes in the Chairmanship of four Departments. On September 1st, Professor M.L. Barr, who wished to have more time to devote to teaching and research, was succeeded as Chairman of the Department of Anatomy by Professor R.C. Buck. Dr. R.E. Greenway's resignation as Head of the Department of Otology, Rhinology, and Laryngology, was also received with regret. Dr. F.J. Rounthwaite became Head of that Department on August 1, 1967. The resignation of Dr. R.A.H. Kinch as Head of the Department of Obstetrics and Gynaecology, effective December 31, 1967, was also received with regret. Our loss was the Montreal General Hospital's gain. The Department was fortunate in having Dr. E.R. Plunkett accept the position of Acting Head of the Department. Dr. G.G. Copestake's resignation as Head of the Department of Diagnostic Radiology became effective June 30, 1967, when he accepted a position with the University of Ottawa. Dr. W.W. Wilkins kindly agreed to be Acting Head of the Department.

On July 1st, 1967, Dr. E.A. Bartram retired from the active teaching staff after contributing for many years to the Department of Medicine as an effective clinical teacher and leading cardiologist.

EDUCATION

The Faculty continued to modify the undergraduate curriculum in an attempt to achieve more integration and flexibility. Basic and clinical departments combined to develop an integrated Neurological Sciences course to be introduced in September, 1968, in Second Year. During the spring of 1968, the Neurological Sciences Committee presented three half-day interdisciplinary Colloquia on Pain, Consciousness, and the Extrapiramidal System.

Plans were made for the introduction of a complete, albeit only 32 weeks, final year clerkship in 1968-69. In Ontario, it is then possible to proceed into a "straight" junior internship. Hopefully, this may eventually reduce the period of postgraduate specialty training by one year.

A Curriculum Policy Committee, on which there is presently one student, was established in the spring. This Committee will make recommendations concerning any further changes in the curriculum.

At the postgraduate level, each of the clinical departments have or will soon have a university co-ordinated residency training program. The need to provide more of a continuation between the "undergraduate" medical program, the junior internship, and the residency program, is becoming increasingly more apparent.

During 1967-68, there were 89 graduate students registered with the various Basic Science Departments. This included 36 proceeding towards a Ph.D., and 35 towards an M.Sc.

Approval was received from the Faculty of Graduate Studies and the Senate for the introduction of a combined M.Sc. - M.D. or Ph.D. - M.D. program. This increased flexibility in the medical program will permit selected students the opportunity to pursue research interests in the basic sciences and subsequently complete their medical studies.

At the undergraduate level, all departments are making increasing use of multiple-choice examinations as opposed to the essay type. In May, 1968, the Medical Council of Canada conjoint examinations were of the multiple-choice variety.

The Continuing Education program offered by the Faculty took the usual form of refresher days, guest lectureships, and short courses. A series of fifteen half-hour medical television programs were produced and broadcast with the co-operation of CFPL - T.V. weekly during the spring.

On September 8 and 9, 1968, a Festival of Medical Television Education was held at Western - with the generous support of the R.G. Ivey Foundation, the Department of Health of Ontario, and the Department of National Health and Welfare. British, American, and Canadian medical television producers had the opportunity to compare their television shows and consider mutual problems.

Guest lecturers during the year included the following:

Dr. W.T. Paul, University of Toronto, the Dr. F.R. Eccles Memorial Medical Alumni Lectureship

Dr.D.K. Ford, University of British Columbia, the Wallace K. Graham Lectureship

Dr. E.L. Fisher, University of Pittsburgh, The John A. Macgregor Memorial Lectureship

Dr. Blair Batson, The University of Mississippi Medical Centre, The William A. Banghart Memorial Lectureship

Dr. K.J.R. Wightman, University of Toronto, The Dr. F.J.H. Campbell Lectureship

The M.R.C. Visiting Professors were Professors Werner Kalow from the Department of Pharmacology, University of Toronto, who visited the Departments of Anaesthesia and Pharmacology; and Dr. J.C. Laidlaw, from the Department of Medicine, University of Toronto, who visited the Departments of Biochemistry and Medicine.

Other visiting lecturers to the Department of Anaesthesia were Dr. T.W. Baillie from Dumfries, Scotland, Dr. Michael Keeri-Szanto from Montreal, and Dr. Guenther Herpfer from the Massachusetts General Hospital.

An important Conference on Education in Family Medicine sponsored jointly by the Association of Canadian Medical Colleges and the College of General Practice of Canada was held at Western from May 13 to 15, 1968.

STUDENT AFFAIRS

The Mentor System, initiated in 1966, was continued in 1967-68. This seemed to afford an opportunity for informal contact between students and members of faculty.

C.A.M.S.I. again arranged a summer project. In August, 1967, five Western students joined students from every Canadian medical school and travelled to Inuvik, N.W.T. The group spent two weeks observing the social and medical aspects of several Eskimo and Indian communities in the Arctic.

The two members of Senate elected from the undergraduate student body were Mr. William Clark and Mr. David Spence, both members of Meds '70.

RESEARCH

The research activities of members of the Faculty are recorded elsewhere in the Report.

During the year, the faculty concerned itself with the question of research involving human subjects. The Council of the Faculty adopted "The Declaration of Helsinki" of the World Medical Association as the guiding statement of policy in respect to research involving human subjects. The procedure approved by the Medical Research Council for establishing Departmental Review Committees is to be followed.

Dr. M.L. Barr and Dr. J.A. McCarter prepared a brief putting forward the views of the Faculty of Medicine on research support for presentation to Dr. John B. Macdonald who was commissioned by the Science Secretariat to carry out a Study on the Support of Research in Canadian Universities.

CAPITAL PROGRAM

During 1968, the final building stages of the new Dental Sciences Building occurred. In addition to the Clinical Dental facilities, new areas became available for the six Basic Science Departments in the Dental Sciences Building and renovated areas on the second, third, and fourth floors of the Medical Sciences Building.

An area on the fifth floor of the Dental Sciences Building was set aside for research in basic immunology. Another portion of the fifth floor was assigned to the Department of Biochemistry to accommodate Dr. K.K. Carroll who moved from the Collip Building.

During the year planning was initiated for additional space required for Departments in the Medical Sciences Building - for the Health Sciences Library, for the Animal Quarters, and for a student common room area in an unfinished area in the Dental Sciences Building. The additional departmental space would be in anticipation of an increase in the entering medical class size from 75 to 100 students along with increasing enrolment of graduate, honors B.Sc., nursing, medical rehabilitation, and other students.

ADMINISTRATION AND ORGANIZATION

With the new University Act, the members of faculty elected to the new Senate were Drs. C.W. Gowdey, J.C. Rathbun, and H.B. Stewart.

Dr. J.A.F. Stevenson, a Senator for the Faculty of Dentistry, and Dr. M.L. Barr, a senator for the Faculty of Graduate Studies, were two of the four members of Senate elected to the Board of Governors.

Representatives of the Faculty of Medicine served on University and College of Science Committees established to study the present arrangements and future of Biology and Genetics in the University.

As of June 30, 1968, the Department of Medical Research was phased out.

The Department of Medical History was re-activated effective July 1, 1968. This was made possible by the presence of Dr. Alan R. Richardson as a member of Faculty - his area of special interest being the History of Science.

In September, 1967, the new Program in Medical Rehabilitation (Physiotherapy) was introduced with a pilot class of six students. This program is mounted within the Faculty of Medicine under the direction of Dr. M.G. P. Cameron, Professor and Head of the Department of Physical Medicine and Rehabilitation.

During the year, an ad hoc Committee reviewed and delineated in broad terms the Objectives of the Faculty of Medicine. The same Committee made certain recommendations for administrative assistance for the Office of the Dean of Medicine in the areas of the general office, student affairs, post-graduate and continuing education.

Another important area of concern was that of research in methods of medical education. An ad hoc Committee was established and it subsequently recommended the formation of a Medical Education Club. The meetings of this club provided a forum for discussions on teaching aids, methods of instruction, research and evaluation of teaching effort, etc.

Several administrative changes were made in various Departments of the Faculty. Effective July 1, 1967, the previously existing Department of Psychiatry and Preventive Medicine was divided into a Department of Psychiatry with Dr. G.E. Hobbs as Professor and Head, and a Department of Community Medicine with Dr. Carol Buck as Chairman. The Department of Community Medicine was subdivided into a Subdepartment of Epidemiology and Preventive Medicine with Dr. Carol Buck as Head, and a Subdepartment of Family Medicine with Dr. Ian R. McWhinney as Head - as of July 1, 1968.

On October 1, 1967, the name of the Department of Otology, Rhinology, and Laryngology, was changed to Otolaryngology.

During the year, an ad hoc Committee studied the administrative arrangements for Immunology and recommended the eventual establishment of a Subdepartment of Immunology within the Department of Bacteriology and Immunology. The finalizing of the arrangement is dependent on the naming of a Head for the Subdepartment.

On January 1st, 1968, the following Divisions were created within the Department of Surgery and Chairmen named for the Divisions: Cardiovascular and Thoracic Surgery - Dr. J.C. Coles; Neurosurgery - Dr. C.G. Drake; Orthopaedic Surgery - Dr. J.C. Kennedy; Plastic Surgery - Dr. R.M. MacFarlane; and Urology - Dr. L.N. McAninch.

AFFILIATED TEACHING HOSPITALS

During the year, several important steps were taken to strengthen the development of teaching and research programs in the hospitals affiliated with the university and to achieve maximum co-ordination of effort without unnecessary duplication.

A major step was the establishment of a London Hospital Planning Council with representation from the active teaching hospitals and the University.

Joint Relations Committees were established between the University and the Children's Psychiatric Research Institute, and the London Psychiatric Hospital.

With the co-operation of the London Health Association, the Canadian Arthritis and Rheumatism Society, and Westminster Hospital, a 20-bed civilian Rheumatic Disease Unit was opened on June 1, 1968, at Westminster Hospital. Dr. Manfred Harth was named Director of the Unit which is operated by the London Health Association.

Many members of Faculty were closely involved throughout the year with the planning for the new University Hospital. The teaching staff at Victoria Hospital and the War Memorial Children's Hospital were also involved in planning for the new Centennial Building and a new Children's Hospital.

Among special honors and distinctions to members of the Faculty of Dentistry and the Faculty of Medicine, the following are noted:

Dr. M.L. Barr, M.R.C. Visiting Professor, University of Ottawa; Maurice Golblatt Award of the International Academy of Cytology.

Dr. A.C. Burton, Lecturer, Royal College of Physicians and Surgeons of Canada.

Dr. C.G. Drake, Visiting Professor at University of British Columbia, Northwestern University, Johns Hopkins University, University of Kentucky, University of Southern California, University of Miami, University of Tennessee, University of Vermont, and University of Gottingen, Germany; Guest Lecturer, German Neurosurgical Society, Congress of Neurological Surgeons, University of Zurich, and North Pacific Society of Neurology and Neurosurgery.

Dr. R.P. Singh, Annual Award of the Society of Obstetricians and Gynaecologists of Canada.

Dr. W.E.G.A. Spoerel, Invited Lecturer, Faculty of Medicine, University of British Columbia.

Dr. J.A.F. Stevenson, Fellow of The Royal Society of Canada.

Many members of Faculty served on University and provincial organizations. The following contributions to national or international bodies are noted:

Dr. M.L. Barr, Member of Executive Committee, American Association of Anatomists.

Dr. C.G. Drake, Vice-President of The Royal College of Physicians and Surgeons of Canada; Vice-President of The American Association of Neurological Surgeons; President of the Canadian Neurosurgical Society.

Dr. C.W. Gowdey, Member of N.R.C. Associate Committee on Space Research, and N.R.C. Associate Committee on Dental Research; Member of Canadian Drug Advisory Committee to the Minister of National Health and Welfare; Member of Expert Committee of the Food and Drug Directorate on Proprietary and Patent Medicines.

Dr. A.C. Groom, Member of American Physiological Society; Member of the Biophysical Society.

Dr. M.J. Hollenberg, Auditor, Canadian Association of Anatomists.

Dr. J.C. Kennedy, President of Canadian Orthopaedic Association; Chairman of Committee on Orthopaedics of The Royal College of Surgeons of Canada.

Dr. A.D. McLachlin, Director of The American College of Surgeons; Director of the American Surgical Association; Director of James IV Association of Surgeons.

Dr. J.M. Parker, Member of Council of Canadian Society of Chemotherapy; Chairman of Defence Research Board Panel on Toxicology.

Dr. Ian Walker, Editor of the Canadian Federation of Biological Societies News.

SCHOOL OF NURSING

Report of the Dean

Professor R. Catherine Aikin

The 1967-68 year showed continued activity in both academic and building programs. The two new undergraduate programs are underway and the older programs are being phased out.

EDUCATION

The Curriculum Committee has had a major responsibility again this year planning for the new programs. The total faculty met with the Curriculum Committee for several days in April to assist in co-ordinating the programs. A major area of concern is arranging for clinical experiences for students at a great variety of agencies. As a means of facilitating this, two meetings were held at the School of Nursing at which our faculty and representatives of the teaching hospitals, affiliating hospitals and public health agencies were present. The problems we presented are not unique to this School, but are shared by the two diploma programs and two nursing assistants programs of this community. Two planning groups were appointed to study the utilization of clinical resources in London in the education of four levels of preparation for nursing - university graduate and undergraduate, diploma and nursing assistants programs. We are delighted to participate in this community planning. We sincerely appreciate the excellent co-operation of all the agencies in London in arranging the clinical experiences of the programs of this School. Their efforts on our behalf are gratefully acknowledged by the faculty.

Thirty students were enrolled in the first year and twenty-two students were enrolled in the second year of the basic nursing program. The number of applicants for the first year again was approximately two hundred, so that we were able to select candidates of high academic standing. With one exception, all these students maintained a good level of achievement.

In the new program for registered nurses, the enrolment was surprisingly low. This is attributed to the increased length of this program and the change in emphasis in the nursing courses. Further interpretation to the nursing community seems to be indicated.

Following the announcement that students previously enrolled in the former B.Sc.N. programs would have the opportunity to complete requirements under this plan until 1970, many nurses returned to full-time study at the University and others enrolled in summer school and extension courses. It is believed that this was the peak year for this group and enrolment will drop again the next two years.

Enrolment remained steady in the graduate programs. More active recruitment is underway. With the assistance of the Alumni Office, a questionnaire was sent to all of our B.Sc.N. graduates of the last five years who would be eligible for admission to graduate studies. The response was encouraging, both in number of returns and enthusiasm of responses. This will be followed by further information being sent to potential graduates students.

The Seminar for Senior Nursing Executives was the major activity in continuing education. Again, it was considered a success. The number of participants was increased and the program very well received. This year our faculty conducted the Seminar, whereas in previous years we have invited guests to assist us. Four additional sessions related to newer developments in nursing were offered. These were televised and have been shown at a later date to several other groups. They have been made available to other schools or agencies throughout the country. This was our first television adventure and we are grateful to Mr. Peter Somerville and his staff for their assistance.

RESEARCH

It has been virtually impossible to obtain funds for nursing research, but this year, for the first time, monies were granted by the Ontario Department of Health for a graduate student's research, under the advisement of Miss Caroline Dauk. All of the faculty are very conscious of the need to expand our activities in the research field and hope that this grant indicates that financial assistance will become more readily available.

During this past year, Miss Eileen Healey and Miss Christina Gow carried out a study at the Beck Memorial Sanitorium. The report of this study is entitled, "Feelings of Tuberculous Patients Concerning Various Aspects of their Illness and Treatment". A further study will be conducted next year.

In connection with a new graduate course in Student Personnel Services, Mrs. Vivian Wood involved the students in an experimental case-writing project. Issues in nursing education were selected and the students collected data, wrote the cases and analysed them. The material gathered is most enlightening and will be very useful for teachers in the future. It is planned that this project will continue for several years.

FACULTY

There continues to be a serious problem in obtaining faculty. There are not enough qualified nurses for university teaching and financial limits have caused further difficulties.

An ad hoc Committee has been elected to study and make recommendations concerning the organization of the School. It is expected that a report will be ready for the faculty to consider in the early fall.

Members of the faculty continue to contribute, not only within the School and University, but in professional and other organizations. A few examples will serve to illustrate this.

Dr. Amy Griffin served as a consultant to the World Health Organization from August 1st to October 31st, 1967. Her assignment was to teach selected units on administration in nursing within the current post-basic B.Sc.N. programs of the College of Nursing, Post Graduate Institute of Medical Education and Research, Chandigarh, India and to study the total educational program for the purpose of advising regarding its overall conduct and the feasibility of starting in 1970 a Master's degree program.

Miss Dorothy Hibbert conducted two one-day workshops for the nursing staff of the Hospital for Sick Children, Toronto and participated in a workshop for the nursing staff of Victoria Hospital, London. She also addressed students enrolled in the Unit Administration Course of the Canadian Nurses' Association and the Canadian Hospital Association.

Mrs. Vivian Wood conducted workshops for teachers in diploma schools of nursing in Toronto, Hamilton and Cornwall on the assessment of students, test construction, analysis and grading of results.

Dr. Amy Griffin served on an ad hoc committee to establish The Ontario Region of the Canadian Conference of University Schools of Nursing. Dr. Griffin and Miss Eileen Healey have been elected to represent this School of Nursing on the Council of the O.R.C.C.U.S.N. Miss Christina Gow was elected to serve on a Conference Planning Committee of the O.R.C.C.U.S.N. and the R.N.A.O.

The Dean continues to serve on the Ontario Council of Health.

Dr. Griffin was appointed to a Sub-Committee on Nursing Research of the Committee on Research of the Ontario Council of Health. Following completion of a report, this Sub-Committee was discharged and Dr. Griffin was appointed to the Committee on Research of the Ontario Council of Health.

Miss Louise Brown is a member of the Province of Ontario Department of Health Advisory Committee on Maternal and Child Health and the Department of Health Credentials Committee for Public Health Nurses.

Miss Thelma Potter is President of the Middlesex North Chapter of the Registered Nurses' Association of Ontario.

Dr. Amy Griffin is a member of the Advisory Committee to St. Joseph's Regional School of Nursing and Miss Dorothy Hibbert is a member of the Advisory Committee to Victoria Hospital School of Nursing.

The planning for an addition to the building is progressing and approval in principle has been received from the Department of University Affairs. The faculty is still actively participating in the planning of the University Hospital.

Our major problems continue to be procurement of prepared faculty, sufficient operating funds and obtaining necessary clinical experiences for students.

There are many Departments of other Faculties who are responsible for courses in the Nursing programs. The co-operation of Deans, Department Heads and faculty is excellent and we appreciate this contribution in furthering the developments of the School of Nursing.

FACULTY OF DENTISTRY

Report of the Dean

Dr. Wesley J. Dunn

EDUCATION

1. Curriculum Development Committee

One of the most important on-going activities is unquestionably the work of the Curriculum Development Committee. At the time of writing this report the committee has had some 21 meetings and is close to offering, for presentation to Council in the fall of 1968, an interim proposal. The incredible complexities involved in ascertaining definitive departmental objectives, the numbers of hours and the experiences needed to meet those objectives, and the blending of these factors within a workable timetable almost defy solution. The progress which has been made, however, provides reasonable optimism that while it may not be possible to achieve an utopian ideal there is every indication that there will be developed a forward-looking and innovative curriculum consistent with the requirements of contemporary dental education.

2. Advanced Standing

The Council and Senate have approved regulations bearing on admission to Advanced Standing. These regulations fall into two broad categories -- "undergraduate dental students seeking transfer to this Faculty" and "dental graduates seeking admission to Advanced Standing."

Students who have been required to withdraw from any other dental school for academic or other reasons and are not readmissible to that dental school are not eligible for admission to Advanced Standing in this Faculty. Students who have successfully completed one or more years at another dental school and seek admission to this Faculty (a) must fulfil the equivalent of the pre-professional admissions' requirements of this university, (b) must have successfully completed courses equivalent to those offered in this Faculty for the years below that into which transfer is being sought, (c) may be required to pass special placement or other examinations satisfactory to this Faculty, (d) may be required to repeat the year most recently completed at the former institution, and (e) shall not be eligible for admission into the Fourth Year. In respect of dental graduates seeking admission to Advanced Standing, no graduate possessing a dental qualification which is registrable in the Province of Ontario is eligible for admission. The applicant may be required to take the Science Achievement Test administered by The American Dental Association and he may be required to write qualifying examinations satisfactory to this Faculty. He must also satisfy the university's English requirements for students from other countries. The applicant, if accepted, may be granted admission into either the Second Year or the Third Year. Those admitted to the Second Year and whose performance during that year, in the judgement of the Council, is of exceptional quality giving evidence that the student is capable of more advanced clinical work may be recommended for promotion to the Fourth Year following completion of the Second Year.

3. Class of 1971

In September, 1967 a second "pilot" class was enrolled. As the Dental Sciences Building was not yet ready for occupancy, the enrolment of a class of only eight students was possible. All the members of the Class of 1971 are male; three of them have university degrees, four are products of the Second Year of either the Honors Biology or Honors Chemistry program of The University of Western Ontario, and one has come from the Second Year of the university's general course in Science. It was agreed by Council, if suitable applicants presented, to admit two students to Advanced Standing.

4. Class of 1972

It has been agreed that no more than 32 students will be admitted to the First Year class in September, 1968. The Faculty wishes to be able to assess the development of its clinical resource material before it proceeds to maximum enrolment which is 52 in each of four years.

5. UWO/DSS Journal

It is an understatement to suggest that this Faculty is simply proud of the production of the Journal of The University of Western Ontario Dental Students' Society. Volume No. I, produced by members of a freshman class one year ago, was surely a remarkable achievement of which any dental school could be proud. Volume No. II is more than a worthy successor. The high standards established in the first journal have been maintained and enhanced and this product is a testimonial to the tangible support which this journalistic activity has received from the Royal College of Dental Surgeons of Ontario, some dental societies, several dentists, and the firms which have advertised in its pages. Congratulations are due Mr. David J. Kenny as the Editor of Volumes I and II and it is a foregone conclusion that the Editor of Volume III, Mr. Morley P. Bodnar, will carry on in the effective fashion of his predecessor.

6. Continuing Education

The Committee on Continuing Education has had a very successful first year. Two short courses were given, one on September 7, 8, and 9, 1967 with Dr. Stanley P. Hazen of Temple University as the guest clinician. The subject of this three-day course was Occlusion in the Natural Dentition and 47 dentists were registered.

On March 1 and 2, 1968 the Department of Restorative Dentistry presented a two-day Seminar on Restorative Dentistry. Dr. R.E. Jordan, Chairman of the Department; Dr. L.N. Johnson, Chairman of the Division of Dental Materials Science; Dr. J. E. Ryan, Chairman of the Division of Removable Prosthodontics; and Dr. W.R. Teteruck, Chairman of the Division of Fixed Prosthodontics participated in the program. There were 51 dentists registered.

In addition, ten members of the academic staff, nine full-time and one part-time, of this Faculty participated in the Extramural Lecture Program of the Royal College of Dental Surgeons addressing 22 dental society meetings.

6. Continuing Education (Continued)

In addition to contributions made within the regular Continuing Education program, twelve members of staff addressed a total of 34 organizations.

RESEARCH7. National Research Council Grants

Four applications were made by members of this Faculty to the Associate Committee on Dental Research of the National Research Council. All were successful. The following are the members of Faculty supported by NRC grants, the subject of their area of research, and the amount awarded:

- | | | |
|----|--|----------|
| 1. | Dr. P. G. Dellow, Associate Professor,
Department of Physiology | |
| | "Hypothalamic Relationships to Oral and
Salivary Function" | \$16,660 |
| 2. | Dr. D. G. Gardner, Associate Professor,
Department of Pathology | |
| | "Studies on the Oral Tissues in Certain
Systemic Disorders" | \$ 6,270 |
| 3. | Dr. K. Hoshino, Associate Professor,
Department of Anatomy | |
| | "Studies on Salivary Glands in Mice" | \$ 6,170 |
| 4. | Dr. J. M. Parker, Professor,
Department of Pharmacology | |
| | "Study of Analgesics by Operant Behav-
ioural Techniques" | \$ 7,840 |

8. National Research Council - Special Summer Assistantships

Again, in the summer of 1968, the Associate Committee on Dental Research of the National Research Council has made it possible to engage two students to participate in research activities in the Faculty during the months of June, July, and August. Miss Marilyn Morgan will work in the Department of Physiology with Dr. P. G. Dellow as her principal and Mr. David J. Kenny will be associated with Dr. David G. Gardner in the Department of Pathology. Each of these students was similarly engaged in the summer of 1967 and the excellent reports of their summer work appeared in Volume II, No. 1 of the Journal of The University of Western Ontario Dental Students' Society.

9. Students' Research Conference

The Faculty of Dentistry was represented by Mr. David J. Kenny of the sophomore class at the Fourth Dental Students' Conference on Research, held in Washington, D.C., from February 22 to February 24, 1968. This most worthwhile activity was supported, in part, by each participating dental school and by a grant from the Proctor & Gamble Company. Mr. Kenny had the opportunity of reporting on the conference to the student body and it was quite apparent that great benefit is to be derived from student participation in such an activity. This Faculty hopes to have the opportunity of sending students to future research conferences.

AWARDS

UNDERGRADUATE

10. RCDS Awards Presented

On October 5, 1968 the Faculty was privileged to enjoy a visit from Dr. Wesley P. Munsie, the President of The Canadian Dental Association. During Dr. Munsie's visit two awards offered in this Faculty by the Royal College of Dental Surgeons of Ontario were presented.

The first academic award ever granted in this Faculty, the RCDS Scholarship, was presented to Miss Marilyn J. Morgan for being the student ranking highest in honors in the First Year.

The first RCDS Admissions Award was presented to Mr. Robert L. Beath.

The Faculty expresses deep appreciation to the Board of Directors of The Royal College of Dental Surgeons of Ontario for this tangible encouragement of academic excellence.

11. Centennial Paediatric Dentistry Award Established

It is with pleasure it can be reported that the Ladies' Auxiliary to the London and District Dental Society has established the Centennial Paediatric Dentistry Award in this Faculty. The award has the value of \$100.00 and is presented annually to the member of the Third Year class who, on the recommendation of the Department of Paediatric Dentistry, is judged the most proficient in paediatric dentistry and who, by scholarship and attitude towards his responsibilities, has met the requirements for the award.

STAFF

12. Canadian Fund for Dental Education

The Faculty is again grateful to the Canadian Fund for Dental Education for a grant of \$500.00 received during the year. The Fund supported Dr. W.R. Pellow, an Instructor (part-time) in the Department of Oral Medicine,

12. Canadian Fund for Dental Education (Continued)

in a one-week course in Oral Diagnosis held in March at the University of Michigan. This Faculty, at this point in time, proposes a significant utilization of the resources of the Fund to support the Faculty in providing programs for part-time staff to assist them in acquiring additional training in order to contribute even more significantly to the teaching program.

13. Honors and Appointments

Most of the members of faculty serve on a broad spectrum of boards and committees of professional and scientific organizations. The following represents only additional appointments and honors which were received or conferred in 1967-68. The members of the Basic Science Departments are reported on, elsewhere:

Dr. W. J. Dunn	- Elected Chairman of the Council on Education of The Canadian Dental Association
Dr. W. H. Feasby	- Elected President of the Canadian Academy of Paedodontics
	- Elected to Executive Council, Royal College of Dentists of Canada
	- Appointed, Medical Advisory Committee, Victoria Hospital
	- Appointed, Medical Advisory Committee, Crippled Children's Hospital
Dr. L. N. Johnson	- Elected, Member of a Canadian Dental Association Committee to study Federal specifications for Dental Materials
Dr. R. E. Jordan	- Elected Fellow, International College of Dentists
Dr. A. G. Parnell	- Elected Member, American Society of Oral Surgeons.

ACADEMIC APPOINTMENTS

14. It is a pleasure to report the addition to the full-time academic staff of five colleagues whose appointments take effect on July 1, 1968.

1. Dr. W. Stuart Hunter, Professor and Chairman, Division of Orthodontics
2. Dr. Bruno P. Martinello, Associate Professor and Chairman, Department of Social Dentistry

ACADEMIC APPOINTMENTS (Continued)

3. Dr. Knud Borge Petersen, Assistant Professor of Oral Medicine
4. Dr. Kenneth H. Wright, Assistant Professor of Oral Medicine
5. Dr. B. Jalaldin Zulgar-Nain, Assistant Professor of Oral Medicine.

MATTERS OF GENERAL INTEREST15. Ceremony for the Laying of the Cornerstone

In his last official act as Chairman of the Board of Governors of The University of Western Ontario, Colonel D. B. Weldon presided at the laying of the cornerstone of the Dental Sciences Building on October 27, 1967. The Chairman of the ceremony was the President and Vice-Chancellor, Dr. D. C. Williams, and Colonel Weldon was assisted by the Dean of the Faculty and by Mr. Aaron Goldfarb, the President of The University of Western Ontario Dental Students' Society.

The Official Opening is scheduled for October 25, 1968.

16. Advisory Committee to the Faculty of Dentistry

The Council, Senate, and Board of Governors of the university has approved the establishment of an Advisory Committee to the Faculty of Dentistry. The Faculty is grateful for the expressions of interest which have come from all sides in respect of participating in the deliberations of this body.

Believing that the community and the profession have an interest in and concern for the quality of dental education and research, a representative Advisory Committee has been established to permit the Faculty to receive informed and responsible counsel and advice and to enable representatives of the community and the profession to ascertain information bearing on the policies, programs, hopes, and aspirations of the Faculty. The community and the profession should be interested in the "product" of this institution and the Faculty should be interested in the views and opinions of the community and the profession as they relate to this "product."

The eventual membership of the Advisory Committee will total 25. The following is the membership complement which has been approved:

- | | |
|---|---|
| 1. President and Vice-Chancellor. | 1 |
| 2. Member, UWO Board of Governors. | 1 |
| 3. Vice-President's Committee (Health Sciences) | |
| -Vice-President (Health Sciences). | 1 |
| -Dean of Medicine. | 1 |
| -Dean of Nursing. | 1 |
| -Dean of Dentistry. | 1 |

16.	Advisory Committee to the Faculty of Dentistry (Continued)	
4.	Representatives, Council of the Faculty of Dentistry	
	-Basic Sciences.	1
	-Clinical Sciences.	1
5.	Representatives, The Royal College of Dental Surgeons of Ontario.	3
6.	Representative, The Canadian Dental Association.	1
7.	Representative, London and District Dental Society.	1
8.	Representative, The Ontario Dental Association.	1
9.	Representative, National Dental Examining Board of Canada.	1
10.	Representative, The Royal College of Dentists of Canada.	1
11.	Representative, The UWO Dental Students' Society.	1
12.	Representatives, (dental), UWO Alumni Association (when available).	2
13.	Executive Director, University Hospital.	1
14.	Executive Director, Victoria Hospital.	1
15.	Administrator, St. Joseph's Hospital.	1
16.	Superintendent, Westminster Hospital.	1
17.	Director of Dental Services, London Board of Education.	1
18.	Senior Dental Officer, Westminster Hospital.	<u>1</u>
		<u>TOTAL</u> <u>25</u>

No member of the Advisory Committee, except the officially-elected representatives of the Council and the ex officio group, shall be from the faculty of the Faculty of Dentistry of The University of Western Ontario.

All persons and organizations to whom invitations have been extended have provided enthusiastically affirmative replies.

It was originally planned to attempt to have the first meeting of the Advisory Committee in the spring of 1968 but in view of the timing difficulty encountered it will be the fall of 1968 before the first meeting can be convened.

17. Faculty Crest Approved

Through the energetic initiative of the Dental Students' Society a crest for the Faculty of Dentistry has been approved. The upper portion of the emblem is occupied by the red sun which was derived from the Coat of Arms of The University of Western Ontario. Directly below this is the main portion of the crest which is superimposed on a lilac background -- lilac being the academic colour of dentistry. The central figure is the single serpent of Aesculapius, the father of medicine, and is shown in silver, entwined around a golden Arabian cautery. To either side of the central figure are 32 green leaves and 20 red berries which are representative of the permanent and deciduous dentitions. In addition, the Greek letters delta for dentistry and omicron for odont or tooth have also been incorporated into the central design. These letters are manifested in purple which is one of Western's official colours.

17. Faculty Crest Approved (Continued)

The basis of the insignia is the emblem which was approved by the American Dental Association to be considered the insignia of dentistry and which has been subsequently carved in stone over the entrance to Western's Dental Sciences Building.

18. St. Joseph's Hospital - Department of Dentistry

Great credit must be extended to Dr. A. G. Parnell, Chairman of the Department of Oral Surgery, for his activities in developing a Department of Dentistry at St. Joseph's Hospital. Dr. Parnell is Chief of Dentistry at St. Joseph's Hospital and has been successful in recruiting six additional members of the active staff -- Dr. W. A. Dinniwell, Dr. S. A. Elderkin, Dr. G. C. Frey, Dr. S.J. McParland, Dr. M. Nordine and Dr. J. E. Ryan.

19. Victoria Hospital - Department of Dentistry

Initial efforts, following the establishment of appropriate by-laws, have been taken toward the eventual establishment of a viable Department of Dentistry in Victoria Hospital. Dr. W. H. Feasby, Professor and Chairman of the Department of Paediatric Dentistry, has been appointed to the dental staff of Victoria Hospital but his essential interest will be in the War Memorial Children's Hospital, a hospital which resides within the trusteeship of the Victoria Hospital Trust. Dr. J. E. Ryan, Chairman of the Division of Removable Prosthodontics, has been appointed to the Consultant Staff.

20. President's Committee of Enquiry

During the year a very important activity took place in the university when a Committee of Enquiry, appointed by the President and Vice-Chancellor, held hearings and presented a report in respect of the social behaviour of members of the university community. The Faculty of Dentistry participated in the presentation of resource material to the committee and it associated itself with the Faculty of Medicine and the School of Nursing in a joint Health Sciences' document. Dr. L. N. Johnson, Chairman of the Division of Dental Materials Science, was the active participant from this Faculty on the Health Sciences Committee.

21. Senior Officers of the University

During the year Colonel D. B. Weldon retired as Chairman of the Board of Governors and, through action of the Board, was made Chairman emeritus. Colonel Weldon has made an outstanding contribution to The University of Western Ontario and has been most helpful to the Faculty of Dentistry during its formative period. He was succeeded by Mr. Albert E. Shepherd, Q.C., a distinguished member of the London Bar.

21. Senior Officers of the University (Continued)

Mr. Verschoyle P. Cronyn completed his term as Chancellor of the university to be succeeded by Dr. Albert E. Trueman, the very distinguished former dean of Western's University College of Arts, President of two Canadian universities, Chairman of the National Film Board, and Director of the Canada Council.

The Faculty of Dentistry extends warm regards to Colonel Weldon and Mr. Cronyn and an enthusiastic welcome to Mr. Shepherd and Dr. Trueman.

22. Dr. Roy G. Ellis to be Awarded Honorary Degree

It is with consummate satisfaction and pleasure that this Faculty is able to announce that at the regular Fall Convocation of The University of Western Ontario to be held on Friday, October 25, 1968 Dr. Roy G. Ellis, Dean of the Faculty of Dentistry of the University of Toronto, will be the recipient of the degree of Doctor of Laws, honoris causa. Dr. Ellis' contributions to dentistry, in general, and to dental education, in particular, have been monumental. This Faculty believes that The University of Western Ontario honors itself when Dr. Ellis becomes an honorary graduate.

23. Visitors to the Faculty

During the year the Faculty was privileged to enjoy visits from Professor G. L. Howe, Professor of Oral Surgery at the University of London; Dean J. D. McLean of the Faculty of Dentistry of Dalhousie University; Dean J. McCutcheon and Dr. Mervyn Rogers of the Faculty of Dentistry of McGill University, and from Dr. Wesley P. Munsie, the President of The Canadian Dental Association.

24. Appreciation

The Faculty of Dentistry wishes to express deep appreciation to the Deans and Faculty of Talbot College, the President, Director, and Officers of the Alumni Association and to the Dean and Faculty of the Faculty of Medicine for the privilege of temporarily utilizing space for the offices and laboratory-classroom of the Faculty of Dentistry during the construction of the Dental Sciences Building. The generosity and kindness of our colleagues in other areas of the university have permitted this Faculty to launch its program earlier than would otherwise have been possible. The experience gained with the two pilot classes has proven to be invaluable and this experience would not have been achieved without this participating interest exhibited by our friends. The Faculty of Dentistry in expressing its gratitude hopes that it may be possible to attempt to reciprocate, in some measure, the kindnesses it has received.

- Palmer, E.E. Casebook on Labour Law (with Harry Arthurs, et al.)
 Casebook on Company Law (with D.D. Prentice)
 Union Members' Rights (on grant from Department of Labour)
- Payne, J.D. Continuing research of the provisions of the Divorce Act (Canada), 1968.
- Prentice, D.D. Casebook on Company Law (with E.E. Palmer)
- Rendall, J.A. 2d Ed. Can. Abridgment - topic Insurance
 Article on Tax Reform
- Ryan, E.F. Book Review, The Impact of American Constitutionism Abroad, Canadian Bar Review.
 Investigation of the Adaptability of Videotape Recording Techniques to the Law Classroom.

PUBLIC SERVICE

- Adler, G.M. Secretary Beth Tefilah Congregation.
 Address on Planning Controls and on Local Government Officials, Sarnia.
- Atkey, R.G. Vice-chairman of the Policy Research Council of the Ontario Young Progressive Conservative Association.
- Brandt, G.J. Vice-President, London Little Theatre
 Chairman, Mini-Theatre
 Research Assistant, McRuer Royal Commission of Inquiry Into Civil Rights - (commencing June 1, 1968).
- Carrothers, A.W.R. Member, Prime Minister's Task Force on Labour Relations.
- Gropper, M.H. Director, Consumer Debt Counselling Service of London.
- Hartley, T.C. Member of the Professional Advisory Committee of the Alcoholism and Drug Addiction Research Foundation, Lake Erie Region.
- Mackay, R.S. Director, John Howard Society, London
 Project Director, Psychiatric Service for Children (U.C.S. London)
 United Nations Association, London.

- Palmer, E.E. Study for Federal Task Force on Labour Relations.
Vice-President (appointee), United Community Services, London, Ontario.
- Payne, J.D. Director of the Consumers' Debt Counselling Service in London, Ontario.
Member of the Board of Directors of the Family and Children's Services of London, Ontario.
Research Associate - Ontario Law Reform Commission.
- Rendall, J.A. Dec., 1967 - Address to Public Affairs Section of the National Conference of Jewish Women. Topic - Carter Report.
Feb., 1968 - Address to Officers' Wives Club, London. Topic - Estate Planning.
- Ryan, E.F. Chairman, United Community Services Committee on Services to Discharged Patients of a Provincial Psychiatric Facility.

OTHER FACULTY ACTIVITIES

- Atkey, R.G. Secretary to the President's Committee of Inquiry Into Social Behavior, 1967-68.
- Gropper, M.H. Lectures on "Consumer Protection" sponsored by Fanshawe College.
Special Project - Consumer Protection Bureau, Department of Commercial and Financial Affairs, Government of Ontario, (Summer 1968)
- Mackay, R.S. Staff, Ontario Police College (Aylmer)
- Payne, J.D. Seminars presented to the Canadian Association of Purchasing Agents relating to the Formation of Contracts and the Discharge of Contracts at various centres in Ontario.
Paper entitled "The Law and the Doctor" to students in the Faculty of Medicine.
Seminar on the Law of Torts in the Department of Physical Education at the University of Western Ontario on February 22nd, 1968.
Served as panelist at following meetings, all of which dealt with the subject of divorce reform;
Association of Canadian Law Teachers - Ottawa, June 1967.

Canadian Bar Association (Ontario Section) - Toronto,
February 4, 1968.

Canadian Bar Association (New Brunswick Section) -
Fredericton, February 11, 1968.

Working Papers Submitted to Ontario Law Reform
Commission: Maintenance During Marriage with
Special Reference to Permanent Alimony.

Maintenance as Incidental Relief in Nullity and
Divorce Proceedings.

Ryan, E.F.

Production of two pilot videotape projects for use in
the law curriculum. (One jointly with Professor
Mackay, the other with Professors Atkey and Rendall).

HONORS AND DISTINCTIONS

Brandt, G.J.

M.A. (Oxon.) June, 1968

Hinnegan, K.A.

LL.M. University of Chicago, September 1, 1967.

Payne, J.D.

Simon Senior Fellowship in Social Sciences tenable at
the University of Manchester, England, during next
academic year.

ADMINISTRATIVE CHANGES

The office of Associate Dean was created and Professor E. E. Palmer was
selected by his colleagues to fill the post for a two year term commencing January
1, 1968.

STUDENTS

REGISTRATION AND OTHER STATISTICS

The number of applications for admission for the 1967-68 academic year
came close to 500, for 75 places in the first year. Eighty-four were registered and
seventy-seven sat for their final examinations. The Admissions Committee is now
embarking on a program of academic research to give some guidance to determining
admissions policies.

The table on the next page records statistics relating to students
registered in the Faculty of Law by class and year.

STUDENT STATISTICS UWO LAW SCHOOL BY CLASS AND YEAR

<u>Academic Year</u>	1										111	
	<u>Reg'd</u>	<u>With Degree</u>	<u>Qualified at UWO</u>	<u>From W.Ont. Area</u>	<u>Age 25 or Under</u>	<u>Age Over 25</u>	<u>Married</u>	<u>Sat for Exams</u>	<u>Reg'd</u>	<u>Graduated in the Spring</u>		
											<u>Hons. & Dean's List</u>	<u>Other Graduates</u>
1959-60	36	31	26	28	25	11	11	33				
1960-61	51	42	39	37	44	7	7	45	23			
1961-62	40	26	30	30	31	9	7	38	35	6	15	
1962-63	54	34	31	36	44	10	10	49	37	9	21	
1963-64	74	55	53	50	65	9	13	68	36	9	23	
1964-65	57	45	42	30	50	7	11	50	50	7	27	
1965-66	84	67	67	34	75	9	9	76	47	10	34	
1966-67	71	54	48	31	66	3	9	67	74	10	36	
1967-68	84	63	65	39	72	12	14	77	60	26	37	

Western Ontario Law Review

Volume 7 of the Western Ontario Law Review was prepared by the students in the course of the academic year. The editorial board was as follows:

Editor: William Sasso

Associate Editors: Theo Wolder
Alex Polishuk
Dezro Windischmann

Editorial Staff: Tom Richardson
Barry Roderick
Barbara Suzuki
George Carrothers

Advertising Manager: Norm Peel

Business Manager: Robert Powadiuk

Faculty Adviser: T. C. Hartley

The bulk of the journal, some 219 pages in size, consisted of nine articles by

Professor A. S. Abel, Faculty of Law, University of Toronto
Professor H. H. Foster, School of Law, New York University
Professor Louis Baudouin, Faculty of Law, University of Montreal and
Professors G. J. Brandt, K. A. Hinnegan, R. G. Atkey, E. F. Ryan and
G. M. Adler, of the Faculty of Law at the University of Western
Ontario.

Moot Courts

Sixteen students participated in the voluntary Moot Court Program which commenced on November 14, 1967 and finished on January 23, 1968. Following an initial instructional session on appellate court practice, there were four separate moots held at weekly intervals, with the final championship moot being held in January. Each moot was heard by a bench of three judges, all of whom were practising lawyers in the London area. Each mooter was marked separately on his performance by Professor R. G. Atkey, faculty adviser; Peter Hanes, student chairman of the program; and Douglas Shepherd, a third year student.

The four top students participated in the final moot and were heard by a bench consisting of His Honor Judge T. J. Jacob, William R. Buchner Esq., and Professor R. S. Mackay. The two winners, Peter Schwartz and Kenneth Alexander, went on to represent this school at the Ontario Law Students Association finals at Queen's University, Kingston on February 25, 1968.

Advocacy Program

This was only the second year of operation for this program. Sixteen students participated in four separate supreme court trials involving both criminal and civil actions. Each case was heard by a practising lawyer from the London area. Some student participants were able to attain a reasonable degree of competence through having observed court proceedings in London during the summer and throughout the year; others were completely uninitiated in this particular activity.

Four finalists were chosen as a result of marks compiled by a panel consisting of Professor Atkey and Tom Bates, student chairman of the program, and one other third year student. The championship case was argued before His Honor Judge W. E. C. Colter on January 24, 1968.

The two winners, Percy A. Smith and Dezso Windischmann, represented this school at the Ontario Law Students Association finals at Queen's University, Kingston, on February 24, 1968, where they won the Ontario competition.

Special Note

In addition to providing valuable experience for the students participating, the above programs provide an excellent opportunity for this school to maintain a continuing relationship with the members of the local bar, most of whom are more than willing to serve as judges on mocks or moots. For this reason, it has been the practice to avoid using faculty members as judges if practising solicitors or even articling students are available. This year, 17 practitioners assisted in the two programs.

LIBRARY

The following summary indicates the growth of the law library since July 1, 1967. It seems likely that the total acquisitions for the current fiscal year will be at least 10,000 volumes.

Volumes in Law Library, June 30, 1967

Law reports, digests, etc.	19,677
Journals	5,664
Treatises	5,763
	<hr/>
Total	31,104

Additions, July 1, 1967 - May 15, 1968

Law reports, digests, etc.	4,811
Journals	1,216
Treatises	3,336
	<hr/>
Total	9,363

Additions, 1967-68, added to previous Totals

Law reports, digests, etc.	24,488
Journals	6,880
Treatises	9,099
	<hr/>
Total	40,467

The large increase in the treatise collection results in part from the relative success of efforts to acquire older editions of well known treatises and other out-of-print material.

SPECIAL LECTURES

The following program of Special Lectures was presented during the academic year 1967-68:

Friday, October 27, at 11:30 a.m., Professor A. S. Abel of the Faculty of Law at the University of Toronto, "What 'Peace, Order and Good Government'?"

Friday, November 3, at 11:30 a.m., Mr. J. A. Cameron, Solicitor to the Workmen's Compensation Board, on "The Law of Workmen's Compensation".

Thursday, November 9, Mr. Jared G. Carter, Special Assistant to the Legal Adviser of the Department of State, U.S.A., on "The United States' Involvement in Vietnam: Background and Implications in Terms of International Law".

Friday, November 10, at 2:30 p.m., Mr. R. A. Eagleson, on "Contracts in Professional Sports".

Thursday, November 23, at 11:30 a.m., Dr. Alan W. Mewett, Associate Dean of the Osgoode Hall Law School, on "The Proof of Guilt in a Changing Society".

Thursday, November 28, at 11:30 a.m., Professor Stanley A. de Smith of the London School of Economics and Political Science, on "Constitutional Lawyers in Revolutionary Situations".

Monday, February 5, at 11:30 a.m., Professor Harvey Brazer of the Department of Economics at the University of Michigan, on "Some Aspects of Tax Structure".

Friday, February 16, at 2:30 p.m., The Honorable W. R. Jackett, President of the Exchequer Court of Canada, on "The Exchequer Court of Canada".

Thursday, February 29, at 11:30 a.m., Professor Joseph Laufer of the Faculty of Law at the State University of New York at Buffalo, on "The Current Crisis in the Law of Torts".

Tuesday, April 2, at 10:30 a.m., Mr. Andrew Lawson, Director of the Ontario Legal Aid Plan, on "Legal Aid in Ontario".

BUILDING

Shortly after the commencement of term a contract was let for an addition to the Josephine Spencer Niblett Faculty of Law building that would approximately double the floor area to accommodate 350 students, 28 faculty, an augmented secretarial and library staff, and a library of 150,000 volumes. Construction was delayed in the spring because of labour disputes; completion date, which was originally set for mid summer, was postponed to the late fall or early winter.

CURRICULUM

The work of the Curriculum Committee involved two main areas. First, the Committee was concerned with the normal peripheral problems which arose, from time to time, in the course of working out the existing curriculum. Second, the Committee embarked upon a thorough-going re-examination of the curriculum, both fundamentally and in detail, with a view to determining and implementing long-range policies and ultimate objectives.

Encompassed in the first area were such diverse matters as grade descriptions and standards; the role of Christmas examinations in first year; the addition of new options; courses of study for transfer students or graduate students from elsewhere in the University; and the use of video tape as a teaching adjunct.

In the second area, which has nuclear implications, members of the Committee have been working on assigned subjects of study and investigation, with numerous subdivisions, which affect or relate to the total development of a curriculum. This study is on-going and in some particulars has been completed.

FACULTY OF ENGINEERING SCIENCE

Report of the Dean

Professor R. M. Dillon

ENGINEERING AT WESTERN - QUO VADIS?

The academic year 1967-68 may prove to be the most important yet - certainly it has been the most active!

The Second Annual Retreat at Talisman, May 22-24, proved to be a great success - enjoyable from the social point of view and satisfying in that the problems under discussion seemed some how to stand out more clearly than was the case a year earlier. In all, thirty-one members of Faculty participated in the group and plenary sessions during which the two important themes proved to be:

the future development of the Faculty within the University having regard for provincial needs and the new system of formula financing; and

Faculty organization for the better generation of policy and development plans.

Discussion at Talisman was strongly influenced by reports from several members of Faculty who had attended a General Meeting of Discipline Groups held at The University of Toronto on May 11 at the call of the Committee of Presidents of Universities of Ontario. Here it was suggested that limited resources in future would necessitate careful, co-ordinated planning by Ontario Universities especially at the graduate level. There appeared to be a number of questions to which we must very soon find satisfactory solutions:

Can we continue to base our future plans on a relatively small undergraduate enrolment, i.e. 450 versus 800 - 1000 for other Ontario schools at present approximately our size?

How can we best develop distinctive programs which will avoid costly duplication?

In what ways can we better serve our own University community?

With these thoughts in mind, Faculty Council in June approved the formation of an Ad Hoc Cte. on Operations which was requested to review the proceedings at Talisman and to make recommendations regarding the reorganization of the Faculty and its future development.

THE CO-ORDINATION AND DEVELOPMENT COMMITTEE

On June 27, 1968, Council met to receive the report of the Ad Hoc Cte. on Operations. It was decided to approve one of the major recommendations which called for the setting up of a Co-ordination and Development Committee which would be responsible to Council for the operation and planning of the

undergraduate and graduate programs of the Faculty.

The Ad Hoc Operations Cte. report was referred to the Co-ordination and Development Committee with instructions to make a detailed study and final recommendations in September 1968.

CURRICULUM DEVELOPMENT

Engineering Graphics

Professor J.A. MacDonald has reorganized the Engineering Graphics program, reducing it from three terms to two. In order to increase interest and develop creativity, special stress has been laid on design projects. At the start of student participation, they submit ideas from which a project well suited to the individual can be chosen. Professor MacDonald encouraged the production of conceptual sketches, the development of analytical solutions, and final designs. During the course, students were directed to obtain information from appropriate members of staff as well as from engineers in industry. Typical design projects involved motor-driven platform lifts, a radio link temperature monitoring device for thalidomide children, and an exhaust manifold reactor. Student reaction has been favourable.

Environmental Engineering

Professor J.E. Zajic co-ordinated the first M.Eng. program in Environmental Engineering. The course specializing in Air & Water Pollution Control and Abatement enrolled ten students - eight full-time and two part-time. The course considered an unqualified success generally was the Faculty's first venture into interdisciplinary teaching. Much credit must go to our colleagues from other Faculties whose wholehearted co-operation meant so much to ultimate success. Included are Professors D.A. McLarty, Botany, A.W. Brown, Zoology, J. Robinson, Bacteriology, G.M. Adler, Law, E.A. Beecroft, Political Science, H.A. Hosse, Geography, N. M. Lefcoe, Medicine, and D.R. Hay, Physics.

Enrolment for the second course beginning September 1968 is being expanded to twenty.

New M.Eng. Programs

Proposals were reviewed for M.Eng. programs in Applied (Solid) Mechanics, Power Engineering, Production Engineering, Soil Mechanics, and Chemical Process Design and Development. It was decided that implementation of these programs at the present time would be premature, but that further study of specific points should be carried out by the persons who put forward the original proposal.

Computer Facility

The IBM 1130 computer facility was expanded by acquisition of a line printer in October 1967. The facility was employed to maximum capacity throughout the year by undergraduates, graduate students and staff. Over 2700 hours were

logged on the computer during the academic year, with undergraduates accounting for approximately one-half of the usage. The free access policy, in conjunction with the convenient location has encouraged a positive attitude towards use of the computer by the students who have come to regard the computer as a useful labour-saving device to be used in the day-to-day pursuit of their engineering studies.

FACULTY COMMITTEES

Graduate Studies Committee

The Committee met eleven times during the 1967-68 session. Consideration was given to items of policy as well as to certain administrative matters within the Engineering Science Division. The main items of policy that were discussed and acted upon by the Division are the following:

Candidates in Engineering Science for the M.E.Sc. and Ph.D. degrees who do not hold a Bachelor's degree in Engineering may be required to take prerequisite courses in engineering science at the undergraduate or junior graduate level.

The grading system approved by the Faculty of Graduate Studies on March 28, 1967 was endorsed. To continue studies within the Division each graduate student is expected to maintain at least a "B average" level of performance with no mark less than 60% in a major course or less than 50% in a minor course.

Research activities within the Division are to be defined in terms of "Areas of Research" rather than by the Group Options used in the undergraduate program. The areas of research which describe current research activities include the following:

- i) Bioengineering
- ii) Air Pollution and Chemical Process Development Studies
- iii) Applied Mechanics, Thermodynamics and Heat Transfer
- iv) Electrical Engineering
- v) Materials Science
- vi) Aerodynamics, Structures and Soil Mechanics

Each Ph.D. student in the Engineering Science Division must pass a comprehensive examination before his program of study can be given final approval by the Graduate Studies Committee. Details of the comprehensive examination have been worked out. A number of Ph.D. students took the examination in the spring of 1968.

Library Committee

During the year, the Engineering Library reached a crisis due to lack of space. Accordingly, an expansion program was undertaken in late August and

September. By expanding into a portion of the adjoining drafting room, approximately 800 square feet was added to the existing space of 1600 square feet, thus providing areas for reference books, the circulation desk and catalogues, an office for the Librarian and approximately 48 seats at study tables. Approximately 35 wooden bookcases were added to the original Library space in September 1967. In May 1968, 8 double units of metal shelving were installed.

Gifts to the Engineering Library during the year included 130 bound journal volumes filling gaps in the journal collection, as well as 75 books. The total increase in the year was approximately 6000 books and 5000 volumes of bound journals.

The hours of operation have been extended and the Library is now open on most evenings and for periods during the weekend for the full year.

Publications Committee

The Publications Committee had a very active and productive year in 1967-68. Our primary accomplishment was the production of a general graduate brochure designed to attract graduate and post-graduate students to Western's Engineering School.

A second more specialized brochure was also produced to encourage prospective graduate students to enter the new and exciting field of Environmental Engineering.

Posters designed to advertise the several areas of graduate study were sent to major universities throughout the world.

Finally, small introductory pamphlets were printed (in both French and English) outlining very briefly the graduate courses, current research and degree programs available in Engineering Science at Western.

In an effort to promote interest in Engineering Science at the undergraduate level posters and pamphlets were prepared and sent to many high schools throughout Ontario. A booklet entitled "Challenge is Engineering Science at Western" was also produced for the primary purpose of explaining engineering science to high school students. This little booklet has received more than its share of favourable comments from both staff and students alike.

Shop and Safety Committee

The extremely rapid increase in research activity within the Faculty brings additional hazards and greater risk of serious accidents. Close attention to safety is thus a necessity. On the strength of a recommendation from the Shop and Safety Committee, Professor M.A. Bergougnou was appointed Faculty Safety Officer. Safety rules are being brought up-to-date and extended to cover shop operations, research laboratories and undergraduate laboratories. Close supervision of the laboratories with regard to safety will continue next year and lectures on safety are being planned for graduate students and technicians.

Following a request from the graduate student body, the Committee considered the need for and requirements of a small workshop for the use of graduate students and laboratory technicians. The Committee recommended the establishment of such a shop and has set down the principles under which it should operate.

Faculty-Student Liaison Committee

The establishment of a Committee to consider matters of mutual concern to Faculty and students was suggested by the University Liaison Committee and approved by Faculty Council in October 1967. The inaugural meeting was held on November 1st with the following in attendance; for the Faculty, Professors G. S. Emmerson, C. Roy and R. K. Swartman, and for the students, Messrs. M. Bol - I year, C. Carr - II year, B. Koba - III year, D. Dickson - IV year and W. Richardson - Graduate. The Dean acted as Chairman and Mr. Richardson was elected Secretary. The Committee held five meetings during the year, dealing with such topics as production of a high school recruiting brochure, the Christmas party, failure rates, and student morale.

On April 1, the Committee sponsored a noon day Panel Discussion in Room 118. This proved to be a great success being well attended by both students and Faculty. Fail rates, the Examination system and the curriculum were some of the topics discussed.

FACULTY ACTIVITIES

Engineering Science Colloquia

A series of eleven lunch-time colloquia on alternate Tuesdays was again arranged through both terms. Subjects were of wide interest and invitations were sent to Faculty and students throughout the University and to many people in this neighbourhood. The average attendance was forty-two.

Speakers were Dr. W. Bulani and Dr. R. M. Quigley of this Faculty who spoke on "Tall Stacks" and "Canada's Treacherous Quick Clays", respectively; Dr. W. Jury from the University Museums on "The Development of Huroma" and Professor W. H. Wehlau of the Department of Astronomy on "Current Developments in Astronomy and Astronomical Instrumentation". Visitors to the University were Mr. C. J. Kurtz of International Business Machines whose lecture was on "Computer Oriented Geographical Information System"; Mr. G. E. Gathercole, Chairman of the Hydro Electric Power Commission of Ontario, on "Meeting the Requirements of Tomorrow's Builders"; Dr. G. L. Weil from Washington, D.C. who handled the world's first reactor in Chicago when it went critical under Fermi's direction and who talked to us of this historical moment exactly twenty-five years after it took place; Dr. R. M. Butler of Imperial Oil Enterprises Ltd. on "Modern Developments in Petroleum Refining and Petrochemicals"; Dr. J. R. Whitehead from the Privy Council Office, Science Secretariat in Ottawa on "Engineering Science and Government Policy"; Dr. P. A. Lapp of Spar Aerospace Products Limited on "Canadian Space Activity"; and Dr. H. E. Petch of the University of Waterloo who spoke on "Research Management in the University".

Open House

Approximately 250 visitors attended an Open House held in conjunction with The Purple Spur's High School College Day on March 9th, 1968. The Engineering Building was open to the public from 10:00 a.m. to 4:00 p.m. with guided tours, demonstrations and displays. At the same time, a Career Exhibit was set up in Room 205 of Middlesex College for the information of visiting high school students who might be interested in studying engineering.

A contest for Grade 12 students in the 5 year stream was announced at Open House, the prizes being summer jobs in the engineering laboratories. The aim was to stimulate interest in Engineering Science and to inform high school students of the research and development being carried out within the Faculty. Mr. Tom Butler from Petrolia High School and Mr. Peter King from Oakridge High School were selected as winners for the summer of 1968.

Continuing Education

A meeting was held on November 9th, 1967 with representatives of the APEO/EIC Committee on Career Information and Education, the Department of Summer School and Extension and the Faculty of Engineering Science, to discuss ways to improve engineering extension courses and to provide engineers in this region with what they want and need.

The following courses were offered with the co-operation of the Department of Applied Mathematics and the Department of Summer School and Extension:

Winter term	Numerical Methods	4 students
	Semiconductors	16
	Decision Theory	24
	Sanitary Engineering	5
	Concrete Technology	<u>23</u>
	Total Enrolment for Year	72

A meeting co-sponsored by Fanshawe College and the Faculty was held on February 7, 1968 to meet with persons in the London region interested in professional registration by examination. It was agreed that Fanshawe College would provide the courses in fundamental subjects and that the Faculty would provide instruction for the professional examinations.

Placement

Close liaison with industry was maintained to enhance summer job opportunities for our students. Professor J. A. MacDonald arranged to forward resumes to 300 firms utilizing professional engineers; seeking employment for our students in the engineering environment. Interviews were arranged in co-operation with the University Placement Officer.

Twenty-six students from first, second and third year asked for assistance in obtaining summer employment. Reports received indicate that all were successful.

STUDENT AFFAIRS

This year's social activities promoted by the U.E.S. have been numerous and a great success due to the unusually good planning by the members of the Student Council and excellent co-operation of the Faculty.

The Annual Christmas Party held on December 15, 1967, at the Polish Hall and the Engineer's Ball held on February 16, 1968, at the Holiday Inn were highly successful events which students and Faculty members alike will not forget.

During March 1968, two major events were held:

The U.E.S. - E.I.C. supper featuring a historian, Dr. J. R. Gwynne - Timothy, of The University of Western Ontario, who spoke about Canadian and European history related to the controversial Canadian entity was most entertaining and informative; and

the Graduation Banquet with H. Q. Golder who spoke on the Engineering Profession today and yesterday.

The students continued the publication of their monthly "Engineer" and the annual "Engineering Journal" which proved again very successful.

A new publication "The Onager" was added to the above two which serves as a pictorial record of the highlights of the social achievements of the members of U.E.S.

Student Exchange Program

The Student Exchange Program instituted in 1967 as a Centennial project has expanded. This year 13 French and English-speaking Canadians from Laval and Western will gain an opportunity to broaden their outlook on the social, cultural, and academic life in Canada's two largest provinces. The students involved are senior undergraduates in engineering and applied science who will enter their final year in September 1968. Students from Western are R. Kok, Chemical and D. R. Brown, R. D. Gordon and D. L. Smith all in the Mechanical option. Our guests from Laval's Faculte des Sciences are G. Lessard, M. Rousseau, J. Camire, A. Laneville, P. Michaud, all Mechanical; Louise Gelinis and R. Larouche, Engineering Physics; C. Dube, Electrical; and Aline Croteau from Chemistry. All students have been appointed as summer research assistants. Special courses in English or French have been offered to develop proficiency in the other language.

Two of last year's exchange students, B. McGee and M. Laganriere completed their bachelors degree at the exchange university; this year four students have indicated an intention of extending their visit to a full year.

Western's Faculty of Science will study the feasibility of participating in the program in 1968-69 so that the Laval students will have the same full range opportunity for study in pure and applied science at Western as Western students now enjoy within the Laval Faculte des Sciences.

To date, financial support for the program has come entirely from the Cultural Exchange Office of the Ontario Department of Education. However, negotiations in progress between authorities at Laval and Quebec government officials indicate that financial support from Quebec may be expected for the next year's program.

Professor A. Cholette of Laval's Department of Chemical Engineering and Professor C. Roy are program co-ordinators.

Field Trips

Professor Chess was in charge of field trips which were organized as follows:

Second Year: Hilton Works Steel Company of Canada, Hamilton, December 5, 1967; London Works, Northern Electric Company, February 20, 1968.

Third Year: Distribution and Apparatus Division, Canadian Westinghouse Company Ltd., London, December 4, 1967.

Trips arranged on a group basis were:

Chemical Group: Proctor Gamble Ltd. and Chemical Institute of Canada Conference, Niagara Falls, October 16-18, 1967.

Civil Group: St. Marys Cement Company, III year, November 16, 1967; Westell-Rosco Ltd., Dominion Bridge Company Ltd., Toronto Dominion Centre, III, IV years, March 7, 1967.

Electrical Group: Canadian General Electric Transformer Plant, Guelph, February 1, 1968.

Mechanical Group: Shell Oil Refineries, Sarnia, IV year, October 30, 1967; Timber Jack Machines Limited, Woodstock, November 29, 1967; 1968 Automotive Engineering Congress and Exposition of the Society of Automotive Engineers, Detroit, IV year, January 9-10, 1968.

Engineering Institute of Canada, U.W.O. Student Section

Professor J. E. K. Foreman, E.I.C. Faculty Advisor, reports that the year began with the annual membership drive which was publicized by a display in the Engineering Building lower foyer and by having members of the Executive speak to the various classes. First year membership was lower this year than last year, probably due to the fact that first year is now integrated with Arts and Science.

The Student Section members met on several occasions with the local EIC Branch and APEO Chapter, and again the highlight of the year was a joint technical meeting held on November 21, 1967, at which Mr. James G. Mills, Vice-President and General Manager of Bell Aerosystems Canada, spoke on Air Cushion Vehicles. The meeting was held in the Great Hall at Huron College.

The Undergraduate Engineering Society and the Student Section held their Annual EIC-UES Supper Meeting in the spring term, March 7, 1968. Representatives from the EIC and APEO Chapters were invited. Guest speaker was Dr. J. R. W. Gwynne-Timothy, Department of History, Talbot College, who spoke on "Quo Vadis Canada". The meeting was well attended.

The Annual Student Technical Night was sponsored jointly with the EIC London Branch and the London Chapter of the APEO. On April 2, 1968, the four best fourth year projects were reported by students selected by the Faculty from each of the groups of Chemical, Civil, Electrical, Materials Science, and Mechanical Engineering. An award of \$50.00, donated by the EIC London Branch, was made to Mr. B. Holtzkener who reported on his project "Design, Construction and Test of the Felici Electrostatic Generator". The panel of judges for the evening included Professor J. E. K. Foreman; Dr. W. E. Sohl, Manager, New Products Development, Minnesota Mining and Manufacturing of Canada Ltd; Mr. R.E. Curtis, Office Manager, Deleu Cather & Co., Consulting Engineers; Dr. J.A. Pearce, Technical Assistant to the Executive Vice-President, John Labatt Ltd.; and Mr. R.A. Simon, Editor, Product Design and Value Engineering, Southam Business Publications.

The Joint EIC-APEO Sub-Committee on Career Information and Education, assisted by the EIC Student Section, has continued to promote two programs for the benefit of the undergraduate students at Western. These are the "Buddy System" and the Summer Placement Program, designed to provide meaningful summer employment to first and second year students in industries throughout the London area.

The Student Section organized the distribution of the "Engineering Careers in Canada" handbook to Faculty members, first and fourth year undergraduate students, and to high school guidance counsellors throughout the City of London and District.

Mr. B. Koba, in-coming Chairman of the EIC Student Section for 1968-69, attended, at EIC expense, the Annual General Meeting and Student Conference of the EIC at Halifax, Nova Scotia, May 28-31, 1968.

PLANS FOR DEVELOPMENT

Future Enrolment and Staff Requirements

The Co-ordination and Development Committee has approved a new enrolment forecast which envisages 1000 undergraduates by 1975. In the following table graduate enrolment and staff requirements have also been adjusted.

Academic Year Beginning	69	70	71	72	73	74	75
Undergrad. Enrol.	365	385	435	615	795	915	1000
Grad. Enrol.							
M.Eng.	35	45	50	85	125	165	200
M.E.Sc.	50	55	60	65	65	90	80
Ph.D.	<u>30</u>	<u>35</u>	<u>40</u>	<u>50</u>	<u>60</u>	<u>65</u>	<u>70</u>
Total	115	135	150	200	250	300	350
Fellows	9	9	12	14	16	20	23
Academic Staff	46	50	55	65	80	89	96
Supporting Staff	50	64	72	80	110	116	120

Bioengineering Building

The new Bioengineering Building was officially opened by Dr. K. C. Charron, Deputy Minister of Health, on December 7, 1967. This facility homes the Environmental Engineering Laboratory, Biochemical Process Labs, graduate student facilities and staff offices. The space provided will allow us to continue a slow rate of development in research and graduate work until the new addition becomes available in 1970.

Engineering Science Addition

Plans and estimates have been forwarded to the Department of University Affairs for tentative approval. These call for an addition of approximately 79,000 square feet of assignable space which will provide a new conference centre, research labs, shop and store facilities and faculty offices sufficient for development projected to 1971-72. Completion is scheduled for early in 1970.

SCHOOL OF BUSINESS ADMINISTRATION

Report of the Dean

Professor J. J. Wettlaufer

The year 1967-68 showed continued growth in almost every phase of the School's operation. Enrolment in the undergraduate program has remained steady while increases were noted in the graduate and executive levels. The faculty has placed a major emphasis on research while new course materials, planned the previous year, have been introduced this year.

ACADEMIC PROGRAMS

Enrolment in the Graduate School achieved a new record of 317 students. Registration in the M.B.A. Program totalled 305 with broad geographical distribution. Of the Canadian students, 129 came from Ontario, 77 from Quebec, 23 from Alberta, 22 from British Columbia, 19 from Manitoba, 7 from Saskatchewan, 4 from Newfoundland and one each from New Brunswick and Nova Scotia. Other countries represented included: U.S.A., England, France, West Indies, South Africa, Hong Kong, India, Iran, New Zealand, Norway and Pakistan. The degrees held by these students included: Bachelor of Arts - 50; Bachelor of Science - 37; Bachelor of Engineering - 107; Commerce and Business Administration - 55; Bachelor of Pharmacy - 4; Chartered Accountant - 14; Bachelor of Forestry - 3; Bachelor of Agriculture - 3; and Advanced - 32. Enrolment in the undergraduate program was held limited because of the lack of space with 144 students in the third and fourth years of the course.

The doctoral program with 12 candidates enrolled, now has the faculty and resources to deal with all areas of study in the doctoral program.

Degrees conferred and diplomas granted were as follows:

Honors B.A. in Business Administration	68
Master of Business Administration	131
Diploma in Business Administration	9

CURRICULUM DEVELOPMENT

New courses developed last year were introduced into the M.B.A. I program with current emphasis on the reorganization of faculty, some course changes and an expanded orientation week program.

The Junior year was introduced to the new computer controlled management decision simulation. Additional use of the time-sharing terminals more closely associated this phase with course structure. Further development along this line is anticipated for next year. To provide greater integration with the courses, the Dynamic Timetable was inaugurated for Juniors this year.

RESEARCH IN PROGRESS

As in past years, funds provided by the Ford Foundation and the Research Fund of the Western Associates (Canadian companies who contribute research funds to the School on an annual basis) have enabled the School to undertake a variety of research projects. A complete list is appended to this report.

Dr. John T. Nicholson, with the assistance of Professor S. Morehouse, worked on the development of Management Control Systems. Professor John R. Kennedy studied the effects of display location on the sales and pilferage of cigarettes and the effect of television program environment on the impact of commercials. Professor W. J. McDougall completed the preliminary work on his project, the control aspects of the corporate boards in Canada; he is now consolidating the results of questionnaires on this topic. Professor T. R. Archibald carried out an individual study of the empirical factors associated with accounting change and Professor R. M. Knight compiled a library of commonly used computer programs.

Dr. D. H. Thain continued the work in General Management with the M.B.A. II Student Research Groups, including field work, questionnaires, the analysis of company and industry systems, stages of organizational development and behavior of top management groups.

Professors J. R. M. Gordon and P. Biesiot completed the Ford Foundation project on the application of quantitative techniques in production planning. Professor Gordon completed a study on production planning and inventory control. He also worked with S. A. Martin on the Undergraduate Study Committee; with B. Davidson on forecasting and business games projects; with A. R. Wood on computer-aided decision making; and with R. A. Nobbs on purchasing decisions and job-shop simulation.

Dr. B. Portis and Dr. J. B. Washington, assisted by Mr. R. A. Nobbs, started research on purchasing activities and performance. Five London firms participated to determine attitudes about purchasing function held by various persons in the firms' organization. Dr. Portis also commenced research with the Bell Telephone Company in the area of Personnel Management. Dr. Portis and Mr. R. Lord completed last year's project on time-sharing terminals for the instruction of managers.

With Dr. S. A. Martin as Chairman, Professors J. Gordon, C. B. Johnson, S. Laiken and D. Wallace worked on the Study Committee of the Undergraduate Program which resulted in a major revision which was approved by the Faculty in April, 1968. Dr. Martin participated in the Ford Foundation-Harvard University Workshop in Research and Business Finance and also worked with Mr. J. Boersema in completing a computer simulation model on Western Trust Company. A working model was tested with a cross section of Trust Company personnel during a one-day presentation on The University of Western Ontario campus in June, 1968.

Dean J. J. Wettlaufer, Professor A. Mikalachki and Mr. George Forsyth completed extensive research on existing labour-management relations in Canada and Professor R. A. Patterson completed a research study on the attitudes of Management Associations towards Labour Relations during the Post-War Period for the Prime Minister's Task Force on Labour Relations. These reports were submitted to the Prime Minister's Task Force in March 1968.

Professor I. Morgan researched the evaluation of models for the bond refunding decision. Dr. A. G. Blair made a survey of Canadian shrinkage losses and practices. Dr. R. E. Sproule continued his research on leisure and Dr. B. Little, in conjunction with Mr. D. Konchak, investigated new product development processes. In the area of Industrial Relations, Dr. D. Kuechle conducted research with Mr. R. Fearn. Dr. A. R. Wood undertook a study to determine the effects of technological change on the planning process. Professors R. Hodgson and Peter Biesiot compiled biographical data for a book on Human Resource Development. Professor J. F. Graham's project was Canadian Trusteed Pension Funds. Professor J. N. Fry worked with Ph.D. candidates on two studies: The Influence of Personal Characteristics on Shopping Behavior and the Analysis of the Structure of Brand Competition in the cigarette market. Dr. Fry and Mr. R. Lord collaborated in a study of the Application of Decision Theory in Marketing Problem Solving and Teaching.

During the 1967-68 academic year, the Business School Faculty continued its involvement in course development and case research. All areas were advanced by the work of: J. Erskine, N. Fry, M. Fuller, J. Humphrey, F. W. P. Jones, E. Kepper, D. Konchak, M. Leenders, R. E. M. Nourse, B. Little and A. R. Wood.

DISTINGUISHED VISITORS

Under the continuing Ford Foundation Grants, the School was privileged to have a number of distinguished academics as visiting professors in 1967-68. Dr. Daniel Teichroew of the Case Institute of Technology conducted a Quantitative Analysis Seminar: "Model-Building". Professor James J. Healy of Harvard University presented a paper on, "Man and Labour Leadership". Dr. J. Peter Williamson of The Amos Tuck School of Business Administration delivered a paper on "The Use of Time Sharing Computers". Two other excellent papers were presented: "Sorting of Sawmill Lumber" by the well-known consultant, Mr. C. Clapham and "Business Logistics" by Professor J. L. Heskett of Harvard University.

PROGRAMS FOR EXECUTIVES

The year 1967-68 marked a continuation of the efforts of the Business School to contribute to the development of skilled business leaders in Canada in all areas of management. The programs of continuing education for executives attracted large numbers of participants in another record-setting year.

MANAGEMENT TRAINING COURSE

Associate Dean Walter A. Thompson was the Course Director for the Twenty-first Annual Session of the Management Training Course which, this year, attracted 120 executives from 26 industries in Canada, the United States, South Africa, Hong Kong and Brazil. The executives attending may be classified as follows:

General Executives	39
Engineering and Production	30
Marketing	22
Accounting and Financial Officers	15
Others	14

Average age: 43 years

Two visiting professors from the Harvard Graduate School of Business Administration, Professor C. A. Bliss and Professor F. E. Folts, made an outstanding contribution to the Course. The Management Science sessions, inaugurated last year, were continued in 1967-68 under the able leadership of Professors J. R. M. Gordon, A. R. Wood and A. A. Grindlay. Other members of the School's faculty participating in the program included Dean J. J. Wettlaufer, J. C. Taylor, J. N. Fry and R. C. Hodgson. Dr. M. Yuhasz of the Physical Health and Education Department, presented a program of physical exercise and recreation for Course members. Miss A. Challenor was responsible for the administrative details of the Course.

MARKETING MANAGEMENT COURSE

Under the direction of Dr. D. S. R. Leighton, the Marketing Management Course continued its past successes with an enrolment of 94 Marketing executives for its sixteenth Annual Session. Twenty-two companies were represented for the first time. Approximately one-half of the course members were from Ontario but other provinces were well represented and one course member came from each of the following countries: Britain, Puerto-Rico and Switzerland.

The faculty for the Marketing Management Course included Professors J. T. Nicholson, D. H. Thain, J. N. Fry, A. Mikalachki and D. S. R. Leighton, the Course Director. Mr. D. Triggs assisted the direction of the program and Dr. M. Yuhasz of the Physical and Health Education Department conducted the physical and recreational aspects of the program.

BUSINESS CONFERENCE

"Expanding Opportunities for Profit and Growth" was the theme of the 12th Annual Business Conference which took place May 8, 9 and 10, 1968. It studied the ways and means open to management to improve their profit picture. One hundred and fifty executives from across Canada attended to hear the following outstanding speakers:

David S. Owen,	Managing Director of the T. Eaton Company's Toronto Redevelopment Program
Allan D. Baker,	Chairman of the Board and President, Versafood Services Ltd.
Raymond Dupuis,	General Manager, Pharmacies Modernes Inc.
Ryoko Ishikawa,	Consul General of Japan
Logan R. Brown,	Vice-President, International Marketing, Libby, McNeill and Libby
Francois E. Cleyn,	President, Cleyn and Tinker Limited
J. Claude Hebert,	President, Canadian Executive Service Overseas
Stephen B. Roman,	Chairman of the Board, Denison Mines Ltd., President and Director, Roman Corporation Ltd.
John R. M. Gordon,	Assistant Professor of Business Administration, The University of Western Ontario
Bert C. Goss,	Chairman of the Board and Chief Executive Officer, Hill and Knowlton Inc.

The keynote speaker was Mr. Ronald S. Ritchie, Director, Imperial Oil Limited and the banquet speaker was Mr. Ron W. Todgham, President, Chrysler Canada Limited. Dr. D. C. Williams, President and Vice-Chancellor of The University of Western Ontario, welcomed members of the Conference and Dean J. J. Wettlaufer terminated the Conference with closing remarks.

The leadership and organization for this Conference was provided by the Alumni of the School. The Chairman was F. T. Sherk, with R. H. Spear and G. M. Brunet as Vice-Chairmen and Angela Challenor as Secretary. Other members of the Committee were: N. M. Chantler, John N. Douglas, Jack Guthrie, W. W. Lasby, R. Loftus, R. D. MacLean, H. J. McGinty, G. R. Munro, J. W. Murray, P. W. Rourke, J. C. Wattie and Gene Westendorp.

The School was represented on the Committee by J. J. Wettlaufer, W. A. Thompson, N. M. Armstrong and F. H. Rowland.

OTHER EXECUTIVE COURSES

Seminar on Directorships: This seminar was designed to bring together knowledgeable people and to provide them with an opportunity to exchange ideas and develop solutions to the practical problems which face boards of directors. Fifty-five directors from forty-five companies were present for this seminar at Delaware Hall, May 14 and 15, 1968. The three outstanding speakers were: J. R. Kimber, President of the Toronto Stock Exchange; The Honorable H. L. Rowntree,

Minister of Financial and Commercial Affairs for Ontario; I. D. Sinclair, President, Director and Member of the Executive Committee, Canadian Pacific Railway Company. The panelists included: P. S. Deacon, Editor, The Financial Post; C. M. Harding, President and Chairman of the Board, Harding Carpets Limited; H. I. Ross, Partner, Ross, Bailey and Smart; A. E. Shepherd, Partner, Shepherd, McKenzie, Plaxton, Little and Jenkins. The Planning Committee consisted of J. H. Moore, John Labatt Limited, Chairman; W. H. Rea, Great Canadian Oil Sands Limited; J. A. Taylor, Canada Trust Huron and Erie; R. B. Taylor, The Steel Company of Canada Limited. Faculty members from the Business School: J. A. Humphrey, F. W. P. Jones, W. J. McDougall, J. C. Taylor, A. Blair and J. Washington assisted with discussion groups.

Management Science and The Manager: The purpose of this workshop was to provide an opportunity for practising managers to become acquainted with some of the new mathematical tools and the use of the computer. Introduced last year by Dr. A. A. Grindlay, the workshop proved so successful that two sessions were offered during the 1967-68 year. The first session took place at L'Estereil, P.Q., April 21-24, with 28 managers present. The second session was at Medway Hall, June 9-14, with representation from 40 companies. The workshop was organized and conducted by A. A. Grindlay, Director, A. R. Wood and J. R. M. Gordon.

During the 1967-68 season, individual members of the faculty continued to provide educational seminars and development programs for members of business and professional organizations and associations. Associate Dean W. A. Thompson, in conjunction with professors J. Taylor, J. Nicholson, M. Leenders, J. W. McDougall and J. Erskine assisted and advised the University of the West Indies in connection with the proposed establishment of a School of Business Administration at that University. This project was sponsored by the Jamaica Institute of Management and the Ford Foundation.

Dr. J. B. Washington served as Course Administrator and as a faculty member of the Canadian Institute of Plumbing and Heating Financial Management Course. Also assisting this organization was Professor B. Little.

Professors J. Washington and A. Blair conducted case discussions for the Association of Certified General Accountants.

With R. A. Patterson as Course Administrator, the following faculty members participated in courses for the Industrial Management Association: J. Erskine, S. Morehouse, R. Knight, J. Ellert, D. Kuechle, E. Kepper, I. Morgan, R. Nourse and D. Wallace. Mr. J. Erskine designed and lectured a course in Interpersonnel Relations for the Department of Adult Education. Professors J. Nicholson and M. Leenders conducted courses for the Society of Industrial and Cost Accountants; the former also lectured in courses for the C.N.R. Staff College and the Bata Shoe Company. Professors A. Mikalachki, B. Little and J. Nicholson presented General Management courses for B.A. Oil, and J. N. Fry and D. S. R. Leighton for the Coca Cola Company Ltd. The Canadian Association of

Purchasing Agents received the assistance of M. Leenders, B. Little, D. S. R. Leighton, J. N. Fry and R. Sproule who conducted courses or seminars. Professors B. Little and R. Nourse held seminars at the University of Waterloo. Other seminars were conducted for the Ontario Police Association, the Canadian Agri-Marketing Association, the Department of Indian Affairs and Northern Development, and the Young Presidents' Organization of Toronto by faculty members R. Sproule, R. Nourse, and R. Hodgson. Professor F. W. P. Jones was the Faculty Representative for the Security Analysts's Seminar.

Dr. J. B. Washington, a member of the Business Advisory Committee of Fanshawe College, designed and lectured a ten-session course in Management Control and Finance for the Professional Engineers of Ontario and the Engineering Institute of Canada.

Dr. D. H. Thain taught Management Framework for the International Marketing Program at Cambridge University, England; he conducted a seminar on Corporate Strategy for Maritime Business Leaders, Institute of Public Affairs, Dalhousie University, Halifax. Dr. Thain has been appointed a member of the five-man Federal Task Force on Agriculture, reporting to the Cabinet and interdepartmental committee appointed by the Ministers involved.

Dr. J. N. Fry participated in several company-sponsored management programs and taught Marketing Research for the International Marketing Program, Cambridge University, England.

Dr. D. S. R. Leighton held the offices of Vice-President, Marketing Education, American Marketing Association, Chicago and was appointed Chairman, Canadian Consumer Advisory Council. He also served as Academic Director and lecturer for the four-week course in Marketing Management at Pembroke College, Cambridge, England. Dr. B. Portis conducted research for the American Sociological Association and the American Marketing Association.

Dr. R. E. Sproule served as Chairman, Research Committee, Federation of Canadian Personnel Association; Board of Directors, London Montessori School and served as a Faculty Resource Person, Dialogue on Society Course, sponsored by the University Student Council of The University of Western Ontario. He also conducted a course for the American Sociological Association.

Dr. J. R. M. Gordon conducted Management Science courses and seminars for the Ontario Government and several business firms.

It is essential to the continued development of the Business School that relationships be well established with the business community and professional associations both through participation in their programs and in the presentation of papers and speeches to these groups. The 1967-68 year was marked by a noticeable increase in this phase of Faculty activity, as indicated by the following list of papers and speeches:

- | | | |
|----------------|---|---|
| Sproule, R. | "The Pragmatics of Poverty" | London Torch Club |
| Gordon, J. | "A Multi-Model Analysis of an Aggregate Scheduling Decision" | 14th International Meeting, Institute of Management Science, Mexico City, Aug. 1967 |
| Blair, A. | "Shrinkage as an Effective Measure of Performance" | 12th Annual Association of Canadian Schools of Business, Calgary, June 1968 |
| Archibald, R. | "The Accounting Curriculum at the School of Business Administration, The University of Western Ontario" | Conference of Ontario Accounting Educators, Hamilton, May 1968 |
| Fry, N. | "Correlates of Purchasing Behavior in Simulated Shopping" | Association of Canadian Schools of Business, Calgary, June 1968 |
| Hodgson, R. | "A Model for Organization Development" | School of Business Administration, State University of New York, Buffalo |
| | "Organization Development" | Institute of Administration, Montreal |
| | "Motivation and Leadership" | Electrical Contractors' Association of Ontario |
| Portis, B. | "Evaluation of Time-Sharing Terminals in Executive Courses (Portis and Lord)" | Association of Canadian Schools of Business, Calgary, June 1968 |
| Martin, S. | "Current Topics in Financial Management" | The Arts of Management Conference, Toronto, May 7, 1968 |
| Mikalachki, A. | "Content and Pedagogy of Organizational Behavior Courses" | Association of Canadian Schools of Business, Calgary, June 1968 |

THE BUSINESS QUARTERLY

The 35th year of publication for THE BUSINESS QUARTERLY has proven to be a progressive one. Further substantial increases in circulation, advertising, the sale of reprints and copyrights have allowed for new "offset" printing, "perfect" binding and four-color covers. Twenty-eight thousand copies of the magazine are now printed annually. This continues to be a most encouraging stage of development in a five-year plan to expand readership to 25,000 readers for each issue of the QUARTERLY.

Forty-two articles have been published in four issues; eleven written by academicians from various faculties at Western, ten written by academicians from other universities, and twenty-two by recognized Canadian business leaders. Mr. H. H. Lank, Chairman of the Board of DuPont of Canada Limited was selected by a panel of journalists, academicians and businessmen as the winning author of the \$500. P.S. Ross Award for the best article published in 1967. A popular new regular feature is "Health and the Businessman" by Dr. George Manning, Professor of Medicine at Western and Director of the Cardiovascular Unit, Victoria Hospital.

The usefulness for continuing-business-education programs of articles appearing in THE BUSINESS QUARTERLY is reflected in the fact that 4,360 reprints and 783 back-issues were sold for this period. Ten publishers have requested permission to reprint articles which further substantiates the recognition for editorial excellence the magazine is receiving. This reputation has attracted writers from many areas and over seventy-five unsolicited manuscripts were received during a one-year period.

Readership acceptance is reflected in the fact that the magazine now has a 67% renewal rate.

Professor W. J. McDougall continued as Editor of the BUSINESS QUARTERLY with the able assistance of a full-time Associate Managing Editor, Doreen M. Sanders. Mrs. Sanders has demonstrated creativity and resourcefulness in the new format of the Journal.

THE PLACEMENT PROGRAM FOR STUDENTS

During the spring of 1968, recruitment activity surpassed previous levels with 2,512 individual interviews between students and organizations seeking to hire. A total of 179 companies participated in the on-campus interview program, resulting in the placement of 204 students. The Intern Program, designed to provide summer employment for first year graduate students, progressed favourably with double last year's number of companies participating. Thirty companies placed 44 students for the summer. Plans are in operation for the expansion of this program for 1968-69.

The Placement Program is directed by Mr. N. M. Armstrong who is a member of the Research Committee and the Executive of the College Placement Council. Mrs. M. Park assists Mr. Armstrong with this program.

INTERDISCIPLINARY ASSOCIATIONS

Members of the Business School faculty participated in research and teaching with other schools and faculties having an interest in Administration. Dr. A. Mikalachki did research on Thesis Committees for the Department of Physical and Health Education and Dr. J. B. Washington offered a course in Accounting in the Faculty of Law. Mr. D. Wallace conducted a course in Engineering Practice for the School of Engineering and an Engineering Extension Course was given during the winter of 1968 by Dr. John R. M. Gordon.

Other faculties and departments on the campus have co-operated with the Business School. Dr. M. Yuhasz of the Physical and Health Education Department continued his contribution of an executive fitness program in the continuing education courses. Professors A. Hinnegan and M. Gropper from the Faculty of Law presented courses at the Business School. Faculty members from the Department of Economics, D. Dawson and C. Beigie, conducted courses in Economics and R. Wonnacott handled International Trade. Mr. R. Springett of Clarkson, Gordon and Company gave a course in Auditing.

HONORARY DEGREE

Dean J. J. Wettlaufer was honored by Waterloo Lutheran University at its annual fall convocation, October 29, 1967, at which time the degree of LL.D. was conferred.

FUTURE OUTLOOK

The continued progress in the School of Business Administration was made possible by the excellent co-operation of the Board, the administration, other faculties as well as the strong support from the Advisory Committee and the business community. With continued assistance and the additional physical facilities which will be available next year, the future outlook for the School is excellent.

SCHOOL OF LIBRARY AND INFORMATION SCIENCE

Report of the Dean

Professor Andrew D. Osborn

In September 1967 the School of Library and Information Science, established in 1966, began its program of studies leading to the M.L.S. degree. It is the second graduate library school to be established in Canada. The Graduate School of Library Science at McGill was the first; it offers a two-year program and admits students with a three-year pass or general degree. SLIS offers a three-term program with an admission requirement of an honors degree or its equivalent. In April 1968 a national change in education for librarianship has made it necessary to broaden the base of admission at Western. At that time the seven Canadian library schools met at the University of Toronto and proposed that within five years the standard Canadian pattern for library schools should be a two-year M.L.S. program instead of the two-term B.L.S. now standard in all schools except McGill and Western. A resolution to that effect was passed and has subsequently been ratified by all schools except Alberta which may require a longer time to make the change. The University of Toronto plans to make the changeover in 1970. SLIS should carry the matter through the various academic bodies in 1968-69 so that it can superimpose the two-year structure for those with a pass degree on the continuing three-term program for those with an honors degree. The two-year plan should be operative in 1969.

Because of the present admission requirements, the quality of the foundation class of students has been unusually high. The 1967 fall term began with 40 full-time students and 20 part-time ones. There were 5 new admissions in the winter term and 9 in the summer term. It is expected that 32 of the initial student body will graduate at the fall convocation.

Building and Equipment

After spending the last six months of 1966 in the Lawson Library and the first eight months of 1967 in the basement of Alumni Hall, the School finally moved into its own temporary building around the middle of September 1967. When the time for the move came, the building was only a third ready for occupancy. Since construction of faculty offices had scarcely begun, the faculty had to take over the Library which in turn lacked seating and shelving for student use. In fact facilities were so far behind schedule that the first classes had to be postponed a week; but by the last week of September the main seminar room was ready for use and studies began. Upwards of two months later, faculty offices were finished. Seating and shelving came in month by month for the Library, even after the beginning of 1968. And for the building as a whole many items have not yet been supplied. Many deficiencies hampered the proper operation of the School. For example, permanent doorhandles and locks were not installed until summertime; a number of rooms which should have been kept locked were without doorhandles for the first eight months. More than a year has had to elapse before an inter-communication system could be added to the telephone system; during the day-time the secretaries have had personally to notify the staff of incoming calls, while of an evening or a weekend telephone service was poor or non-existent.

The demonstration features planned for the building have in general worked out well. Especially satisfactory has been the variety of shelving made by quite a number of Canadian manufacturers. Both regular and storage types have been installed, and the features of each make have been exhibited for students to compare and evaluate. The School is grateful to the manufacturers for their contributions, especially for their donation of feature elements in the shelving. The carrels, too, have been of great value, representing as they do the products of various manufacturers. Unfortunately the type of prefabricated building prevented installation of carrels cantilevered out from the wall and with, at the most, a single leg. All demonstration features are so successful that the permanent building should have as many of them as possible.

The interior decoration was well done by a member of the Buildings and Grounds staff. The major fault was a tendency to employ poorer-grade materials for the sake of saving money on the initial outlay.

Experience in erecting the building has drawn attention to three matters which should not be allowed to occur in the planning of new University structures. First, the building plans were in significant respects altered without consultation with the School and with harmful results. It should be a matter of firm policy that no changes are made without consultation and approval. Second, accounting and costing for construction and equipment should be known by the School so it is in a position to know how to plan to the best advantage. It was not until the end of the academic year that costs were disclosed, too late to adjust some of the shortcomings but fortunately not too late to add a number of items which could have been installed at an earlier stage. Third, Buildings and Grounds has a tendency to say that the Board of Governors has laid down rulings on various details. If this is correct, all such rulings should be in writing as a guide to those who have the responsibility of planning new buildings. Administrative attention to these three matters will appreciably improve all new construction in the University.

Access to the building and to parking was frequently difficult, especially on Saturdays and other occasions when there are football games or other events. The grounds around the School tend to be blocked off on such occasions. A red parking area for the staff should be accessible at all times and particularly on Saturdays when the School has regular classes.

The building has some 13,000 square feet of net space. The School was short of space in its first year and the space problem will be greater year by year. As explained in last year's report, the original plan was to have SLIS occupy part of the Lawson Library in 1970; but because of the demonstration character of the School and the requirement for much electronic equipment a different location is required. That location can be at a distance from the Weldon Library because of the desire of the School to demonstrate television facsimile transmission of the written page, to demonstrate the possibilities of reading at a distance, and because the SLIS Library has had to become selfsufficient to a high degree.

Special Equipment

Provision was made for a major audiovisual centre to support the School's academic work. An appreciable amount of equipment was procured but the quarters are still not functioning and a great deal remains to be done to make audiovisual work support the study program.

The bindery has been without equipment all year but the binder has contributed to the Library by lettering all the volumes. He has contributed directly to seminar work as well, notably in connection with work on the preservation of paper.

Computer studies have been handicapped by lack of equipment in the School. The equipment is on order but still is not on hand. On the other hand students have worked with the faculty in the design of computer systems for use in the School so have had good experience in that respect. The School provided a print train for the computer in Stevenson Hall so that printouts for offset work could be in upper and lower case. A fine printing plant has been developed with a nineteenth-century handprinting press (which came from the town of Atwood together with a collection of the items printed on it), as well as a collection of printing machines and type which came from a secondhand bookstore in Ottawa. A certain amount of work was done in the printshop this academic year, but much more will take place in the years ahead. The handprinting press is an adjunct to the work in bibliography which is concerned very strongly with handprinted books.

SLIS Library

By the end of June 1968 the School's Library had 21,001 volumes, of which 14,002 were in the general collection, 2,196 in the children's room, and 4,803 in the rare-book and bibliography collection. The bookstock is growing quite rapidly although acquisition of back files of periodicals is still a major problem. Much of the material has been acquired from unwanted duplicates in other libraries. Two overseas acquisition missions have been undertaken with good results even though the world supply of older materials diminishes markedly every year.

A significant feature of the Library is its holdings of Russian publications, almost all of which have come on exchange from Russia. The School already has the finest collection of Russian resources in its field in any library school outside of Russia.

The general SLIS collection is under computer controls. A computer-base classification scheme was devised for the Library. By means of that scheme a book catalog has been produced, of which each student receives a copy; the School's book-circulation system will function by means of it as soon as the equipment is ready. For the latter the Bell Telephone touchtone dial will serve for input and output, just as it will provide a complementary approach to the computer console for the almost instantaneous recovery of information.

The children's collection has been organized for teaching purposes; but its computer control and book catalog still must be developed although the students studied the problems during the year. It should be noted that the SLIS children's books are available to University families to borrow.

Development of the demonstration storage library was delayed for lack of shelving which will be supplied this summer. This resource has been planned as the first unit in a co-operative storage library for the London area and will be transferred to it when it comes into existence.

During the year the University Library Council approved of the transfer of the relevant part of the material in the Z classification from the Lawson Library to SLIS. So far the transfer has not been made.

A total of 40,778 monographs was acquired during the year, in addition to a substantial number of serial publications. By purchase came 16,342 volumes, by gift and exchange 24,349.

The following gifts were received from faculty members. Professor Cameron gave 48 items, largely imperfect copies of STC and Wing material. Professor Colvin gave 84 items, principally in the field of cataloging. Mr. Hotimsky gave 19 volumes, for the most part Russian publications. And the Dean contributed 176 volumes of library-science material. Professor Colvin also received for the School 45 volumes which her former colleague at the Simmons Library School, Professor Ruth S. Leonard, presented; plus 12 much needed items from Professor Eunice Wead who was formerly at the Michigan Library School. The Dean received for the School 30 volumes from Miss Susan M. Haskins, Associate Librarian at Harvard University, a gift which included a number of urgently needed out-of-print items.

A major acquisition, in part by gift and in part by purchase, was the professional library of Wyllis E. Wright who, among other contributors in the library field, was for many years chairman of the Catalog Code Revision Committee. This collection brought with it several back sets of periodicals plus much scarce material produced for important library committees.

Students made a number of useful contributions. Miss N.J. Bastedo gave 3 volumes; Mr. A. Demaray 4 including a Wing item; Mr. Paul Huang 21 volumes of Chinese library science; Mr. Ernest Lee 4 volumes; and Miss Karen Smith 32 volumes in addition to arranging for the archives of a local school to go into the School's manuscript collection.

Gifts from other friends included 12 volumes from Mr. Duncan MacRae and a file of the Niagara-on-the-Lake periodical La Luce from Miss Jeanne Minhinnick.

The following is the record from institutions, principally by gift and exchange.

Library of Congress	7,118
University of British Columbia Library	6,000
Brock University Library	1,990
Wyoming County Library	1,892
United States Book Exchange (plus numerous serial publications)	1,458

U.S.S.R. Libraries	1,374
McMaster University Library	792
Melbourne University Library	760
Toronto Public Library	672
National Library, Ottawa	493
University of Michigan Library	400
Toronto University Library	94

One other notable acquisition was nearly 300 library-science items which came from the University of Rochester Library at a nominal price. These publications included numerous out-of-print works much needed by SLIS.

To all these and other friends, both personal and institutional, the School wishes to express its sincere appreciation of their thoughtfulness and generosity.

Cash gifts included \$25 from Miss Karen Smith and \$154 from the Dean. From the latter gift a refrigerator was bought for the Student Lounge.

Teaching Methods

From its inception the School planned to have no lectures but only seminars in which there would not be factfinding or imparting of basic information. It devised a method whereby students are briefed in advance and do their preparatory work from primary sources insofar as they exist or, if from secondary sources, with an understanding of the historiography of their subject. The method brings about quality because of the constant meetings of small groups with faculty members, just as it brings about economy because it makes possible large seminars similar to those which are found in schools of business administration. Although much remains to be done to perfect the system, students and faculty greatly prefer it to lectures.

The audiovisual program was planned to help greatly with the new methodology because it can create primary sources which otherwise would not be available for student preparation. The plan is to create an AV record from key institutions in Canada and the United States to complement the data available in print. Eventually the program should be extended to cover Europe, and Russia in particular, as well as other parts of the world.

Student Organizations

In the fall term the students established their own organization, the Student Council. The President, Vice-President, and Secretary-Treasurer meet with the faculty once a month to discuss matters of student concern. Several student clubs have been formed, of which the most active have been the Bookcollecting Club and the Printing Club. The latter has done a considerable amount of good work for the School, including the printing of name plates for each room and for each student attending seminars. Printed title-pages for reports (such as the School's report to the Committee on Accreditation) and demonstration printing for use in the seminars are other examples of the contributions made to the work of the School.

Rare Books and Bibliography

During the year, original research work in the field of early dictionaries and two other fields in the eighteenth century has been carried out in the seminar on research methods in the humanities. As a result students have discovered new relationships between early editions of Dr. Johnson's Dictionary and have helped to add to and organize the teaching collections of such reference works. Notable acquisitions to the Special Collections library have been a substantial collection of eighteenth century French imprints, several collections of dictionaries and encyclopedias, and a collection of Dryden plays and other drama. Individual items of special importance to the teaching and research program were the first two folios of Dr. Johnson's dictionary as well as several unrecorded editions, a number of incunabula, and some library-science classics.

Experiments in the computer control of early imprints will shortly result in the publication within the School of the HPB Project: Phase I, a union catalog of some 8,000 items printed before 1700 in 40 libraries of Australia, New Zealand, and Canada. This project probably will be linked later with the LOC project now being undertaken in England, and will be elaborated to cover all books before 1800 in the three countries.

Oral History

An oral-history program has been established under the direction of Professor Victor Hoar of the Department of English. Of special interest to the School is an interview with Mr. Fred Landon, former University Librarian, and plans are being made to interest students in development of the program.

Accreditation

The regulations call for a library school to have completed a full year before an accreditation visit is possible. In January the Committee on Accreditation of the American Library Association voted to issue the documents for SLIS to fill out. With this documentation in hand, COA in June voted that it would make an accreditation visit to the School in October. The date of October 21-23 has been set for the visit which will be carried out by Dr. Margaret Monroe, Director of the library school at the University of Wisconsin (Chairman); Professor John Archer (Canadian representative); Professor Pauline Atherton of the Syracuse library school; and Dr. Robert Lee, Dean of the library school at Kansas State Teachers College. Until last year, Professor Archer was director of the McGill University Library; he is now a member of the faculty in the Department of History, at Queen's University.

London Public Library

Special mention must be made of the contributions of the London Public Library to the success of the School. Its Director, Mr. Deane Kent, is a member of the School's faculty. His personal contribution of counsel, lecturing, and books has been invaluable. The resources of the Public Library have been made available to the students and faculty alike; and the staff have been exceptionally co-operative and helpful at all times. This relationship is greatly appreciated by the School.

Provincial Support

The firm foundation for the School, finer than for almost any other school anywhere, is largely due to the excellent financial support provided by the Province. Provincial support has made it possible to stock the building with resources and equipment, and has made it possible to recruit a fine faculty to carry out the School's newly conceived program. It can be said with confidence that the foundations for an unusually successful School have been laid, that this School will make notable contributions to the Province in particular and Canada in general once it is in full running order. In the light of the April meeting in Toronto, it undoubtedly has already been a factor in raising the standards of education for librarianship in Canada.

The weighting for library and information science under formula financing may well undergo a change with the introduction of the two-year programs. For this School it is hoped that the weighting will not be reduced for any term in the three-term course. On the other hand, library and information science have become so dependent on advanced equipment and research, it is desirable for the weighting at least for the final two terms of any program to be increased from three to four. The School represents a profession which has been inadequately supported financially in the past. With the vastly stronger support now generally available, the profession is moving into a position from which it can make a tremendous contribution to the Province since information is vital for the success of an industrial civilization. Because the literature explosion is rapidly making the control of information a matter of great concern, much basic research, which so far has not been undertaken, must be successfully carried out in library schools with their heavy commitment to information control. This service to the Province will be possible only if the financial support is both maintained and increased.

The School's Contributions to the University

Although the work of SLIS is new to the University and little understood generally, the School has already made appreciable contributions to the University. It will continue to make such contributions because library and information science is an interdisciplinary area; unlike most departments in the University, the School is substantively interested in all fields of teaching and research.

The University Library has benefited, and will continue to do so, from the pointers the School can give about research resources that are available for acquisition in Canada, the United States, and Europe in particular; also from the thousands of volumes the School acquires each year to be turned over for use in Lawson, the Medical Library, the science departments, and elsewhere. The School is strengthening the bibliographical resources of the University as a whole. In its own resources it has added appreciably to the University's holdings in English publications of the second half of the seventeenth century, French eighteenth-century material, and Russian twentieth-century items. Mr. Hotimsky has also acquired Russian publications for Lawson while he was in Russia.

The School is strengthening the University's work in computer science by undertaking basic research and experimentation in information retrieval. This aspect of the School's work will grow tremendously. In another area, linguistics and communications study, the School will make a unique contribution.

There has been much liaison with Althouse College. This is a rather natural development because both education and library and information science are concerned with all fields of knowledge, both are deeply committed to audio-visual work, and both depend heavily on information means and resources.

ALTHOUSE COLLEGE OF EDUCATION

Report of the Dean

Professor W. S. Turner

This year Althouse College of Education realized a marked growth in its summer school enrolment. Some 1,780 students registered in all the courses offered during the months of July and August. It is to be expected that the winter program will have difficulty in attracting an adequate number of students as long as the summer route is open. However, Althouse had 296 students registered for the winter course.

In order to provide space and facilities for the summer operation, rental of two secondary schools was sought from the London Board of Education. Althouse College is most grateful to the London Board for its co-operation and for the facilities that are so readily provided in times of need.

The year was marked by some innovations on the part of the College. The elementary option, during the first two years of the College's operation was taught at the London Teachers' College. The teaching in elementary methods was shared by both the Althouse and the Teachers' College Faculties. We are indeed indebted to Principal Biehl and to his Faculty for the work done and for their teaching of the elementary methodology.

Due to the ever increasing interest in the elementary option, it was felt that the twining arrangement was becoming less and less adequate. Hence a department of elementary teaching was established at Althouse. This new department had 68 students taking the full course for teaching in the Primary Schools.

Mention should be made that students in the elementary option must also take one option for secondary teaching. Thus upon the successful completion of the program offered by Althouse, these students get double certification; an Interim Standard IV Teaching Certificate and an Interim High School Assistant's Certificate.

The Department of Elementary Teaching was under the able leadership of Dr. Madeline Hardy formerly Primary Consultant with the London Board of Education and Professor K. W. Kenney formerly Program Consultant with the Ontario Department of Education.

With the advent of Teaching Aids in the Secondary Schools of Ontario, it was felt that the students at Althouse ought to familiarize themselves with the Audio Visual Aids which they would be expected to use in future years. Hence a Department of Audio Visual Aids was established at the College. It is staffed by a Director of Teaching Aids and one technician. This Department is responsible for the purchase, operation, teaching function and maintenance of all equipment relating to Audio Visual Aids and allied media as used in the Elementary and Secondary Schools' Teacher Program. This new department interprets all aspects of instruction pertaining to education communication, machines and media for both instructors and students. The acquisition of a mobile van and equipment has provided a flexibility upon which the successful operation of this teaching media largely hinges.

Teacher training by means of televised micro-teaching has proven most effective. In the course of its first year of operation some 200 hours were provided for televised practice and model teaching lessons either at the College or in the Secondary and Primary Schools of the area while the students were out practice teaching. These films were used in playback for diagnostic and remedial work. The effectiveness of this method in Teacher Training has now been established.

It is within the projected planning of the A.V.A. Department to build up a film library for future use by the College and to continue extended research in the field of micro-teaching. For this Department to operate effectively, the College will have to provide an adequate Audio-Visual Centre.

Althouse College was asked to host a course for the training of C.U.S.O. volunteers destined to work in West Africa for a period of two years. The program was entirely funded by Canadian University Service Overseas. The candidates taking the course came from several Canadian Universities. Although the majority of the volunteers were preparing themselves for a teaching career, some were going to work in hospitals as medical doctors and nurses, others were technicians, engineers, agricultural representatives. One hundred and thirty-five volunteers registered for the course which lasted from August 1st to September 3rd. The C.U.S.O. program was under the directorship of Professor D. Simpson ably assisted by a staff of experts with several years of experience in the field.

Professor Simpson was granted leave of absence for one year and went to West Africa where he held the position of Director of Education in the three West African countries.

Althouse College of Education offered courses in all other programs already established at the College including a new course in international education under the Auspices of the Department of History of Education.

During the course of the year, 456 teachers in 90 schools in South-western Ontario acted as Associates of Althouse College and thus assisted in a most vital way in the teacher training program by accepting student teachers into their classrooms for observation and practice teaching.

The practice teaching schools were selected from the area extending to the east as far as Brantford, Galt and Guelph, to the north as far as Wingham, to the west as far as Windsor and to the south as far as Leamington and Port Dover.

All the associates were invited to a conference held at Althouse College in September at which they met with the methodology instructors to discuss teacher training. The liaison between the College Professors and the Associates continued throughout the year as the Althouse Faculty members visited the student teachers in the schools during the practice teaching sessions.

In addition to their normal duties in the College, members of the faculty contributed in a variety of ways to educational programs and activities. With very few exceptions, they served on curriculum committees organized under the auspices of the Department of Education and on Executive Committees of Professional Organizations. Such contributions enhance the professional growth of the College and promote valuable research in education.

A Study Committee on the Training of Mathematics Teachers was set up through the initiative of the Althouse Mathematics Department. Its composition consisted of ten members, four from Colleges of Education, two from Universities, three from Secondary Schools and one from the Department of Education. The report of the Committee has been published and submitted to the Dean.

Professors D. Campbell and G. Lawson were part of a team writing experimental materials for the Four Year Program under the auspices of the Ontario Institute for Studies in Education. This research is presently being used and tested in several classrooms in the Province of Ontario.

Professor Campbell served on the Ontario Mathematics Commission, Professor Lawson served as a member of the Executive Council of the Ontario Association of Teachers of Mathematics, he was the co-chairman of the fall Conference of the O.A.T.M. held at Althouse College, he is also a member of the Department of Education curriculum committee for Mathematics. Professor Harris was on the Executive of the Ontario Mathematics Commission and a member of the Advisory Committee on Mathematics of the Ontario Institute for Studies in Education. He is also associate editor of the Ontario Mathematics Gazette.

Professor M. Baldwin had a cross appointment with the French Department on the main campus. She taught a section of French 10 and was responsible for the organization and the co-ordination of the French 10 program. She was a member of the French Committee for the Ontario Institute for Studies in Education, the Curriculum Committee for Grade XIII and the Educational Council of the London Board of Education. Professor A. Boyd was a member of the Grade XIII Committee for Spanish and Professor W. Kieser was a member of the Department of Education Grade XIII Curriculum Russian Committee.

Professor Webber acted as Chairman of the Centennial Science Teachers' Conference held in Toronto. Echos of his work and contribution to this endeavour were heard from all parts of North America. Following this conference, Professor Webber was asked to embark upon a speaking tour for the Chemical Institute of Canada. He also received a life membership in the Ontario Education Association and was awarded a Shell Merit Fellowship to study at Standford University.

Professor Dow continued as an active member of the committee on Creative Arts and Theatre Arts for the Ontario Institute for Studies in Education and assisted the Curriculum Division of the Department of Education in surveying the use of drama as a method of teaching English.

Professor E. Procnier served as adjudicator for the South Western Ontario Division of the One-Act Play Festivals and was one of the three judges at the All Ontario One-Act Festival at the University of Waterloo.

He also served on a committee of the Department of Education to discuss a program of studies for the four and five year students in Theatre Arts.

Professor D. Woodburn along with his regular duties at A.C.E. taught Music Course 27 and 337 for the Faculty of Music and was the Conductor of the Faculty of Music Chorus. He adjudicated several Music Festivals in Ontario and organized the Western Ontario Music Teachers' Conference.

Professor P.K. Schmidt while on sabbatical leave to complete his course work for a Ph.D. University of Toronto, acted as Chairman of the Ontario School Councillors' Association and also served as a panel member at the National Science Teachers' Conference.

Professor J. H. Hassard served as Chairman of the program committee and Conference Chairman for the University of Western Ontario fifth Annual Guidance Conference. He also served as a consultant for the O.S.S.T.F. District Conference for Principals and Guidance Heads in Stratford, Ontario.

Professor N. West organized and chaired a Seminar on Health for the Universities and Colleges of Education of the Province of Ontario. The physical and health education department also conducted a seminar on the teaching of health education for the teachers of the London Board of Education. Professor N. West spent the summer months working with a group of fourteen university students under the auspices of Operation Crossroads Africa. Professor N. West served as Vice-President for Health, in the Canadian Association for Health, Physical Education and Recreation.

Professor W. Paterson acted as Secretary, Ontario Physical and Health Education Association; he also received the Ontario Educational Association award for outstanding service in the field of physical education.

Professor F. Wigston was Chairman of the Basketball Committee of W.A.C. and President of the Ontario Physical Education Association. Professor I. Bliss was on study leave at the University of Wisconsin during the winter and summer terms working toward a Master's Degree in Physical Education.

The Business and Commerce Department hosted a very successful seminar for teachers of typewriting. Some 185 teachers attended. The guest speaker and advisor on this occasion was Dr. John L. Rowe, Chairman, Department of Business Education, the University of North Dakota. Also a symposium featuring the new programming vehicle for the 1,130 Data Processing System was held. One hundred and three teachers from all parts of Ontario attended. Through the Business and Commerce Department, two extension courses were offered: Principles of Punched Card (first semester) and Computer in Management (second semester). There were twenty-six candidates registered in these courses.

By special arrangement, teachers and students visited the College on consecutive Mondays. They came from Brantford, Hamilton, Clinton and St. Thomas. At Althouse the students were given a form of "computer-day" program.

Members of the Department were engaged in active membership with the following: Data Processing Management Association, Administrative Management Association and the London branch of the Junior Chamber of Commerce. Professor Bailey, on the Committee for the Development of New Courses in Secretarial Studies. Professor Walsh on the Committee for the New Four Year Mathematics, and Professor Kaluza on the Committee for the Development of New Courses in Accounting. All are Committees of the Department of Education curriculum branch.

Professor J. G. McMurray is a Director of the Ontario Conference on Children and Youth and the Ontario Education Research Council and the Chairman of a Standing Committee for the Canadian Psychological Association.

Along with being a member of the Ontario Psychological Association, Professor Al Slemon is a member of the University of Western Ontario Television Council.

Professor F. B. W. Harper has reviewed five books in the Psychology of Adolescence under the title of Patches, Poets, Conjectures and Cases. This was published in Contemporary Psychology 1967, 12, 459-462.

Professor D. Gray addressed the Ontario Secondary Schools Teachers' Federation in Hamilton on the topic 'History in Crisis'.

Professor J. J. Bowden reviewed L. C. Clark's "The Manitoba School Question" "Majority Rule or Minority Rights". He also gave two talks on the "Italian Renaissance" to London and Stratford audiences.

Professor G. Milburn has reviewed for the Department of Education "Two Heritages" by Pipenberg, Ricker and Saywell.

He also gave a series of addresses on the general theme of History Teaching to varied groups in such centres as Fort William, Ingersoll, Sarnia, Ottawa, McMaster University.

Professor Milburn also organized a two day conference in joint partnership with the Ontario History Teachers' Association and the History Department, U.W.O.

The History of Education Department added three new courses to its program: History of Canadian Education (advanced level) Comparative Education and Contemporary Trends in Education. Dr. James Shute of the University of Guelph taught in the department of History of Education on a part-time basis. This was a shared-cost arrangement with the University of Guelph.

Althouse College of Education was allegedly planned and built to provide accommodation for 600 students in a lecture-seminar program of instruction which seems to be an ideal approach to the preparation and training of teachers.

Following are some of the accommodation problems that support the request for alterations to the present building or additional accommodation which are urgently needed.

No provision was made for the newly added elementary option. No accommodation was provided for data processing.

As a temporary measure, the data processing equipment was placed in two seminar rooms (577 sq. ft.); obviously the accommodation is very inadequate. The increasing demand for teachers with data processing qualifications and the contribution that the department makes to research, special studies, school systems and the administration more than justifies a request for proper facilities.

The concept of seminar rooms cum faculty offices has proven to be very unsatisfactory.

It has been necessary to convert ten seminar rooms to offices.

No accommodation was provided for School Librarianship.

With the exception of a storage room (750 sq. ft.), which is used as a classroom, and a small area in the auditorium wing, no provision was made for the Department of Teaching Aids, including ETV. The satisfactory development of an audio-visual program and in particular ETV is contingent upon the availability of properly-designed accommodation, including a studio-classroom.

It may therefore be concluded that, if Althouse College of Education is to provide an answer to the ever changing needs of education in the primary and secondary schools of Ontario, ways and means must be found to adequately house the new departments and services in the College.

THE SUMMER SCHOOL AND EXTENSION DEPARTMENT

Report of the Director

Miss Angela M. Armitt

The tremendous increase in the demand for Adult Education is reflected in the much greater pressures being placed upon Extension Departments across Canada for more Continuing Education courses at the credit level or for courses offering credit for certification by certain groups (e.g. R.I.A. or Bankers) or for upgrading courses in the teaching field. Many University graduates wish to acquire knowledge in areas not covered in their undergraduate days, such as Conversational French, Interpersonal Relations or current sociological problems; others wish new courses merely for enrichment and enjoyment.

The expansion of existing Extension centres and requests in these areas for a greater diversity of courses all point to the fact that many professional people as well as a number from business and industry are joining teachers and housewives in working for degree credit or for certification in their fields of interest. The outreach of the University becomes more significant as the University becomes more involved in providing for the needs and requests of the community. The urgent need for programs today must, in many cases, take priority over intensive, thoughtful, long-range planning. Because of the need to look at the changing role of Divisions of Extension, a national study of the role of the University in this field is presently being undertaken by the Canadian Association of Departments of Extension and Summer Schools.

The greater volume of courses for adults has resulted in increasing demands on intramural faculty. This Department recognizes and appreciates the co-operative spirit and tremendous contribution of members of faculty to the Extension program, Summer Schools and Correspondence courses as well as to the constantly growing demands for Liberal Arts courses which are not offered for credit.

The phenomenal number of mature adults applying for admission, many by writing the Mature Adult test, has put a strain on the Admissions Officer and his staff. His great interest and co-operation in giving all support possible to these new students applying for admission is a source of satisfaction to this Department.

SUMMER SCHOOL

1. Owen Sound Summer Campus

During 1967-68 the Department had the opportunity to give a first evaluation of the Owen Sound summer campus and to take a second look at the evening summer school program initiated in May 1967.

One hundred and eight people registered for the seven courses offered at the 1967 Summer School on the Owen Sound campus for a total of 128 course registrations. Ten of these students took courses for enjoyment or for improving their qualifications in their professions (some area social workers and a minister took the Psychology course which dealt with problems and methods in work with the gifted, mentally defective or emotionally disturbed child). The new campus aroused a great deal of activity and interest on the part of the community. The Board of Education made the newest secondary school, West Hill, available for classes at no charge. The Principal and teachers of West Hill made all facilities of the school available. Their great co-operation enabled us to run a more efficient school.

Many attending were new students, a number of whom had tried the Mature Adult test which had been arranged for a Saturday morning prior to Summer School, in Owen Sound. The school attracted students from the whole of the Bruce Peninsula including Hanover, Lions Head, Tara, Meaford, Markdale, Wiarton, Flesherton, Allenford, Southampton, Chesley, Paisley, Mount Forest, Midland, Collingwood, Parry Sound and Thornbury. Other students from as far away as New Liskeard, Sault Ste. Marie, Chatham, Cooksville and Toronto chose to spend a summer on the Owen Sound campus because of family connections or the attraction of the resort area. Many staff members lived on the Sound and found the combination of a teaching summer in a holiday setting most enjoyable.

2. Evening Summer School, May 1968

The astonishing increase in the growth of Night Summer School on the Western campus is ample proof of the need for this new activity of the Department. In the first session in 1967 there were 236 students in six courses. In the second year of operation 383 registered in the 11 courses offered. Some students took one course over the longer period of Evening Summer School and a second course at the day school. Many of the students attending Evening Summer School were office workers, housewives, men and women in business and industry who were not able to take advantage of day classes. With the steady increase in the number of mature adults applying for admission who are occupied during the day, Night Summer School is likely to increase at a faster rate than day classes.

3. Day Summer School

Over 2000 students registered for the 1967 day summer sessions. Ninety courses were offered with a staff of close to 100 instructors. Of these, 12 were visiting professors, three of whom were from England. There was an increase in enrolment for honors courses with 9 in Business 250, 24 in two Honors Chemistry courses, 42 in Honors English, 8 in Honors French, 49 in Honors Geography, 54 in Honors History, 22 in Honors Latin, 24 in Honors Mathematics, 10 in Honors Physical Education, 14 in Honors Physics and 24 in Honors Zoology.

The demand for science courses is increasing, with a number of part-time students deciding to work toward a Bachelor of Science degree. The International Nickel Company continues to make grants for High School teachers of Mathematics and Science. Seventy-nine students at the 1967 Summer School received bursaries to the value of \$5885.00. This was an increase of twelve bursaries and \$1538.00 over the previous year.

A number of films were shown during the summer to add enrichment to summer courses. Two famous exponents of the Kodaly system from Hungary visited all Music classes giving demonstrations of this method of teaching. The students in the Dramatics 46 class presented three one-act plays during two evenings of the Summer School at Talbot Theatre. The Summer School students were delighted to have as their banquet speaker our new President, Dr. D. C. Williams, The Summer School choir from the Music classes presented a fifteen minute program at the Banquet.

EXTENSION CLASSES

There was a notable increase in the number registering for Extension courses (171). In the previous year 72 courses were offered; in 1967-68 the number had jumped to 80. A total of 1677 credit students registered for 1863 courses as compared with the 1496 students registered for extension work the previous year.

	<u>Courses Offered</u>	<u>Registrants</u>	<u>Registrations</u>
LONDON Credit Courses	40	934	1042
OUTSIDE CENTRES Credit Courses	<u>40</u>	<u>743</u>	<u>816</u>
TOTAL	<u>80</u>	<u>1677</u>	<u>1858</u>

It is interesting to note that 130 students registered non-credit for credit courses. Fifty-three took classes in London while 77 were enrolled at outside centres. In Sarnia more than 20 nurses from the St. Clair Regional School of Nursing enrolled in Psychology 20 and Sociology 20 on a non-credit basis.

In London forty classes were offered during the evenings or on Saturdays. Ten courses were offered at the honors level for those doing makeup work for future graduate study, or for those upgrading to Type A Certificates.

In outside centres two honors courses were given, one in Geography in Brantford which has been a popular centre for upgrading teachers from Brantford, Toronto and surrounding areas, and in Owen Sound where an honors course in Geography is offered on a regular basis during the winter and summer sessions.

CORRESPONDENCE COURSES

There has been a steady decline in the number of students registered for correspondence. Much more stringent regulations have meant a better calibre of student but a corresponding decline in numbers. In 1966-67 there were 223 students taking 250 courses. In 1967-68 there were 184 students taking 205 courses. A number of students now pool cars and drive greater distances for Extension courses. In 1967-68 students were registered from seven provinces of Canada (a number from British Columbia and Nova Scotia and from the Territories), England, France, the Armed Forces bases in Europe, the United States and the West Indies.

Courses are offered by correspondence in the following fields: English, French, Geography, German, History, Latin, Philosophy, Psychology, Sociology and Spanish.

NON-CREDIT CONTINUING EDUCATION PROGRAM

The year 1967-68 brought changes and increases in the Continuing Education classes offered by the University Extension Department either under its own auspices or in conjunction with other groups or organizations. Registrations increased to 2120 as compared with 1412 in 1966-67 and 1063 in 1965-66, partly because of the addition of occupational and professional courses. Table I provides a three year comparison of registrations under the headings: Arts and Science, Fine Arts, Occupational and Professional and Other.

TABLE I

	1965-66	1966-67	1967-68		TOTAL
			On Campus	Off Campus	
ARTS & SCIENCE					
Non-credit courses			472	47	
Credit courses (auditors)			53	77	
	472	668			649
FINE ARTS	67	122	98	67	165
OCCUPATIONAL & PROFESSIONAL	524	622	903		903
OTHER			403		403
	1063	1412			2120

Of the 649 registrants in Arts and Science courses, 150 attended a Building and Buying Your Home Series, 62 took Conversational French and the others took 17 other Continuing Education courses or attended Extension classes in London and nine other communities. Because of the large number of courses a few had to be cancelled because of insufficient numbers. The auditing of regular extension credit courses allowed individuals to have a greater choice of subjects studied in depth.

The Arts and Science Continuing Education courses are listed in detail in Table II.

TABLE II

<u>Course</u>	<u>Hours</u>	<u>Enrolment</u>
Conversational English	32	36
Conversational French	32	62
Conversational Italian	32	14
Conversational Spanish	32	14
Impact of the Computer Revolution	16	8
Introduction to Space Science	16	12
Man and His Chemical Comforts	16	9
News Analysis	16	16
Survey of Mass Communication	16	14
The Universe Today	16	5
Learning and Development	16	25
Problems in Psychology	32	30
Problems in Philosophy	32	12
Urban & Regional Planning & Development	32	17
Russian Literature	16	4
World Affairs	16	30
Contemporary Issues in Education	16	14
Urban & Regional Planning & Development	32	47 (Sarnia)
Building or Buying Your Home	14	<u>150</u>
		<u>519</u>

The "Building and Buying a Home" course was offered during the winter with the co-operation of the Central Mortgage and Housing Corporation. This course was the most popular single course given.

There was a demand for conversational language classes, particularly in English and French. The English classes were made available to the University's

foreign students as well as to the community at large. Because of the large number of University students requiring special English language training, it was necessary to have two sections for the course. The Extension Department sponsored the second section for University students only at no cost to the students. There appears to be a continuing need for a more comprehensive program for the foreign student and it is hoped that this can be arranged in co-operation with the Faculty of Graduate Studies and appropriate academic departments.

The French classes were popular and four conversational groups were arranged in order to accommodate the various degrees of fluency in the language displayed by the students. It would seem that classes in French will continue to develop, particularly as the need for fluency in a second language is more generally felt.

The current affairs courses covered such topics as news analysis, world events, mass communications and issues in education. In the winter a World Affairs course was presented jointly by several disciplines of the University and received considerable comment and publicity.

In the area of the social sciences, two courses in Regional Planning and Urban Development were offered, one in London and one in Sarnia. The St. Clair Area Planning Board, the Interdisciplinary Group on Urban and Regional Development Studies and the Extension Department of the University offered a ten-lecture series in Sarnia on The Regional Aspects of Environmental Planning, from January 10 to March 13. Forty-seven persons enrolled for the whole course and on some evenings nearly 70 people attended. The course co-ordinator, Dr. H.A. Hosse, contributed greatly to the success of this course.

The Problems in Psychology seminar course with 30 students, and Psychology 20 classes with 46 students auditing the various sections demonstrate the interest in this field of academic study.

Table III provides a breakdown by subject and by lecture location of the 130 students who audited Extension courses.

TABLE III

<u>SUBJECT</u>	<u>ENROLMENT</u>	<u>LOCATION</u>	<u>ENROLMENT</u>
Computer Science	17	London	53
Economics	3	Brantford	4
English	13	Chatham	11
French	2	Clinton	1
Geography	5	Owen Sound	7
History	5	Sarnia	47
Mathematics	3	Stratford	3
Philosophy	3	Tillsonburg	1
Politics	2	Woodstock	2
Psychology	46	Watford	1
Religious Knowledge	8		
Sociology	23		
	<u>130</u>		<u>130</u>

Fine Arts courses were offered in music, drama, theatre, speech, drawing, graphics, viewing pictures and the history of art. One noteworthy development was the co-operative effort of the University and the London Art Gallery in sponsoring a course in the history of art in which 67 students were enrolled. The general development in Fine Arts reflects the interest of the new Fine Art Department as well as that of the Resident Artist, and it is hoped that this interest will continue. It may be that a Summer School of Fine Art could be developed, perhaps in conjunction with the new summer campus at Owen Sound, Ontario. Table IV outlines in detail the Fine Arts courses.

TABLE IV
FINE ARTS 1967-68

Course Name	Course Length hours	Enrolment on-campus
Bach, Beethoven & Brahms	16	28
Introduction to Theatre	32	10
Modern Drama	16	4
Speaking in Public	16	16
Creative Drawing	32	17
Experimental Graphics	32	6
Looking at Pictures	16	17
A History of Art	20	67
		<u>165</u>

The Occupational and Professional courses enrolment increased to 903 registrants. Table V provides detailed information about these courses. The success of these programs was the direct result of co-operative efforts of professional groups or associations and members of the University community.

CANADIAN BANKERS FELLOWS PROGRAM - The Institute of Canadian Bankers Program is a three-part educational program designed to enable young men and women to assume greater responsibilities in tomorrow's banking. This year Western offered both subjects in Part I and two of the four subjects in Part II, with 169 students registered in the courses. The Institute of Canadian Bankers sponsored several seminars to enable instructors from all the participating universities to get together.

REGISTERED INDUSTRIAL ACCOUNTANTS - A total of 249 students were enrolled in the Registered Industrial Accountants program of the Society of Industrial Accountants of Ontario. The Extension Department offered all Year I and Year II courses plus one of the Year III courses.

REAL ESTATE APPRAISAL - In conjunction with the local chapter of the Appraisal Institute of Canada the second phase of the Real Estate Appraisal course was conducted for 26 students.

WELFARE OFFICERS COURSE - The Extension Department provided Part I of a Training course for Welfare Officers which is designed for people employed in or interested in social work. Also, in co-operation with the Children's Psychiatric Research Institute, a two-week workshop on the Mentally Handicapped Child and His Family was conducted for 26 nurses from October 10 to 26, 1967.

COMPUTER SCIENCE SEMINAR - With the co-operation of the Computer Science Department a week-long Computer course for Industry was presented from June 2 to 7 with 29 participants of whom 25 lived in residence.

ENGINEERING REFRESHER COURSE - The Department has worked with the Faculty of Engineering Science in offering professional refresher courses for engineers. Professor R.K. Swartman has headed this program for the Engineering Faculty and his efforts have been greatly appreciated.

LONDON LABOUR COUNCIL SEMINAR - The attendance of 200 at the London Labour Council Seminar in February 1968 was the direct result of excellent co-operation between the two sponsoring bodies. The change to February meant also that more Labour members were able to attend.

NURSERY SCHOOL TEACHERS - The Department provided three courses to assist nursery school teachers to meet the standards set by the Nursery Education Association of Ontario. With the formation of Fanshawe College it was considered that this type of training could be offered as part of the day or evening programs at the Community College. A meeting was held in June with representatives from the Nursery Education Association of Ontario, and from Extension Departments of Fanshawe College and the University to formalize the transfer of the Pre-School courses to Fanshawe College. It was agreed that one more Child Development course would be provided in September at the University and that Fanshawe College would provide future courses commencing in October 1968.

TABLE V

OCCUPATIONAL AND PROFESSIONAL 1967-68

		<u>TOTALS</u>
Engineering Courses		
Numerical Methods	4	
Semi-conductors	16	
Decision Theory	24	
Sanitary Engineering	5	
Concrete Technology	23	72
Nursery School Teachers		
Elementary Psychology	24	
Child Development	22	
Pre-School Education	39	85
Registered Industrial Accountants		
Accounting I (40 hours)	73	
Industrial Legislation (40 hours)	60	
Accounting II (40 hours)	25	
Managerial Statistics (20 hours) .	32	
Report Writing (20 hours)	36	
Accounting III (40 hours)	23	249
Fellows' Program for Institute of Canadian Bankers (all courses 60 hours)		
Banker and Society	69	
Business Administration in Canada	65	
Finance Analysis and Control . .	13	
Communications	22	169
Real Estate Appraisal Part II (40 hours) . . .		26
Training Course for Welfare Officers		
Part I (48 hours)		47
Workshop - The Mentally Handicapped Child and His Family (two weeks)		26
Computer Science Course for Industry (6 days)		29
London Labour Council Seminar (week-end)		<u>200</u>
		<u>903</u>

In 1966-67 the University Students' Council developed an Efficient Reading program for undergraduate students. During 1967-68 the Department co-operated with the U.S.C. to promote these classes to the community at large.

The Continuing Education program is providing a significant service to the community. The success of the program is due to the high calibre of the faculty willing to present courses and to the interest and support of the local community.

With Continuing Education programs being presented by the Public Utilities Commission, by the Board of Education through its Adult Education and Community Schools programs, by the London Public Art Gallery and Museum, by the YM-YWCA, by Fanshawe College as well as by the University and other agencies, there is an increasing need for co-ordination of these efforts in order to make the most efficient use of resources and to avoid duplication of courses. This Department has set the example in this regard by transferring training for nursery school teachers to Fanshawe College.

STAFF TRAINING COURSE

The Director of the Department attended a week-long Institute on University Extension Administration from March 9 to 16, 1968. The course, which dealt with new methods and procedures in extension administration, management by objectives and problem-solving, was organized by CADESS and the Ontario Institute for Studies in Education. Eighteen directors from across Canada attended the seminar.

STAFF

The Department accepted with regret the resignation of Mr. D.L. Harris, Assistant Director, at the close of the 1967-68 session. Mr. Harris returned to his special field of social work.

Thanks are due to all members of the Department for their dedication and co-operation, without which the increased activity in all areas of the Department would not have been possible.

TROIS-PISTOLES SUMMER SCHOOL

Report of the Director

Professor F. K. Harper

A total of 145 students attended the 1967-68 session of the Trois-Pistoles Summer School. Of this number, 93 students were registered for classes in French, 46 for classes in English, and 6 for classes in landscape painting.

In attendance were 39 English-speaking University students, including 25 from the University of Western Ontario, 21 teachers and 38 high-school students of both languages, and, for the first time in the history of the Summer School, a group of Federal Civil Servants who, with their families, accounted for 28 students.

Students came from Ontario, Quebec, New Brunswick, Saskatchewan, Alberta, from three American states and from three African countries.

Mr. John Coulton and Monsieur Raymond Durocher resigned from the teaching personnel and were replaced by Mr. Gordon Jocelyn and Professor Armand Roth. Monsieur Lucien Desautels was also added to the staff.

On April 3, 1968, the Trois-Pistoles Summer School lost the dean of its teaching personnel with the untimely death of Monsieur Achille Ferland in Montreal. Monsieur Ferland had come to Trois-Pistoles as a student twenty-two years earlier, had later joined the staff, and had given twenty years of unstinting and loyal service to the Summer School. He was to have been Assistant to the Director as of July 1st, 1968, and will be sorely missed. As a measure of his impact upon students of the Trois-Pistoles Summer School over the past two decades, it should be noted that certain of his former students are presently engaged in collecting money to provide the School with a bursary in his name.

In addition to their regular teaching duties, members of the personnel once again co-operated in the organization of the active and varied cultural and recreational program which, in a total immersion language school, provides day-long practice of knowledge and skills acquired in the class-room. Monsieur Ferland and Mr. John Lillie directed a choir formed of some sixty students and meeting three evenings a week. A mobile radio unit from station CJFP in Rivière-du-Loup came to the school to record a half-hour program by the choir. This was later broadcast to the area. Monsieur Gilles Robert co-ordinated the faculty-student bowling league, and Monsieur Clément Paradis organized the softball game at which the faculty suffered its annual humiliating defeat. Monsieur Richard Tremblay arranged an evening of cabaret at which several local chansonniers entertained with popular songs in the French language. Mr. Clifford Papke provided a three-day exhibition of the work of his painting students. Taking place in the hall of the new Centennial Cultural Centre, the exhibition opened with a Vernissage attended by invited members of the local population and was later visited by some two to three thousand people.

The Trois-Pistoles Summer School received many distinguished visitors during the session. At the Opening Exercises the Federal Government was represented by the Minister of Fisheries, the Honorable H.J. Robichaud. Mr. Walter Borosa of the Department of Information Services and University Publications made a two-day visit during which he took pictures and prepared materials which subsequently appeared in the U.W.O. News and in the Alumni Journal. Father Benoit Paris, Director of the newly founded French Summer School at Gravelbourg, Saskatchewan, was sent to us by the University of Saskatchewan (Regina Campus) in order to study the unique nature of the Trois-Pistoles Summer School. Radio Canada in Montreal sent a television crew to the School for two days to film a ten-minute program which appeared over the entire French language network and the Toronto CBC station in late September. Father Topping, director of French studies at a Separate School in Willowdale, spent nearly two weeks in Trois-Pistoles studying our methods. Finally, Dr. G. Edward Hall, retired President of the University of Western Ontario, together with Mrs. Hall and their daughter Elizabeth, spent a week-end in Trois-Pistoles and were guests of honor at a civic reception. Later in the year, Dr. Hall graciously presented to the citizens of Trois-Pistoles a fine oil painting by a well-known local artist. The painting now hangs in the Cultural Centre.

Thanks to the continuation of generous grants from the Centennial Commission, bursaries were available for all Canadian students not otherwise subsidized by government, private organizations, or individuals. The Centennial Grant also made possible the outing of the Painting Course students to the Ile aux Basques, talks by Madame Marc Martin on Autonomy and French Canada and by Father Paris on the French-speaking Canadian in Western Canada, an evening of concert by a local group called Les Roitelets, a week-end trip by some 80 students to Quebec City where they visited historic sites, museums, and the aquarium. Through this subsidy we were also able to engage a monitor to supervise recreational activity such as tennis, swimming, picnics, softball, and excursions to local points of interest. We were able, in addition, to engage a most competent instructress of international folk-dancing, Mademoiselle Cécile Grenier, who made a significant contribution to the leisure activity of the more mature student.

Other financial support in the form of student bursaries, and for which we are equally grateful, came from the late Dr. W. Sherwood Fox, the Robert Simpson Company, Mr. and Mrs. W.C.P. Baldwin, Monsieur J. Claude Hébert, Dr. T. Lachapelle, certain anonymous donors, and a large number of individuals and organizations in Trois-Pistoles, such as the Town, the Centre Paroissial, the local curé, the Chambers of Commerce, the Knights of Columbus, the La Familiale and G.E.M. stores.

Local citizens and groups in Trois-Pistoles again offered prize books and nearly \$100.00 in prize money as an encouragement to excellence and reward of diligence among the students.

Through the generosity of the Centennial Commission and with the help of the Alumni Association and the U.W.O. Concert Band, it was possible to bring to the campus the choral group, Les Roitelets, which, on December 10th, 1967, gave a most successful joint concert with the Concert Band in Alumni Hall.

Growing interest in the Trois-Pistoles Summer School among the citizens of that town and their desire to promote further cultural exchanges with the University on a year-round basis led, in May 1968, to the presentation to the Federal Government of a Brief drafted by a group from Trois-Pistoles and soliciting the establishment of Trois-Pistoles as a bilingual and bicultural centre with a statutory grant of some \$40,000.00 annually. This grant is designed to provide a permanent secretariat to look after housing for the Summer School students, to provide a much more extensive social, cultural, and sports program during the summer, to bring in artists and speakers, to offer guided tours to points of interest to the students, to provide bursaries, and, on a year-round basis, to provide for continuing cultural exchanges between the citizens of Trois-Pistoles and the University. The response of the Federal Government is anxiously awaited, but, whether or not it is favourable, we must commend the initiative taken by these citizens of Trois-Pistoles.

For the first time in 18 years, the Trois-Pistoles Summer School held its summer session without the presence of Professor T.J. Casaubon either as teacher or as Director. His contribution to the School in its growth and enrichment has been invaluable. Together with Dr. M.K. Inman, Vice-President (Arts and Science), Dean J.J. Wettlaufer of the School of Business Administration, and Mr. D.C. McGeachy, Professor Casaubon continues to give advice and full support to the School as a member of its on-campus Advisory Committee.

It was with great sorrow that, on the eve of their departure from Trois-Pistoles in 1967, the Staff and Students of the Summer School learned of the death of Dr. W. Sherwood Fox, former President of the University and founder of the School. From his own student days, Dr. Fox had cherished the idea of a summer school in Quebec where English-speaking students might learn the French language by actually living in a French-language community. His objective realized in 1933, Dr. Fox continued to lend strong support to the unique project up to the time of his death. It remains not the least of the many memorials to this great and far-sighted pioneer in Canadian education.

HURON COLLEGE

Report of the Principal

The Venerable Dr. J. Grant Morden

The Academic Year 1967-68 has been one of adjustment under the New University Act. Huron College expresses its gratitude to the President and to the Senate for the wider opportunity given to the faculty of Huron for representation on the Committees of Senate and on the new faculties of Arts and Social Science. We look forward to the next change in the University Act when we expect the defranchising of our students from voting and standing for election to the University Senate will be corrected.

Huron College wishes to congratulate Vice President-Academic, R. Rossiter, Executive Assistant to the President, R. N. Shervill and Dean of Arts, J. G. Rowe on their new appointments. These appointments have a direct bearing on Huron College's program and it is a great joy to all at Huron to serve under such able scholars, who have a deep appreciation of the role of the affiliated colleges at this University. We also welcome Dean Nicholson as the Chairman of the Senate Committee on Affiliated Colleges.

We look forward to working with the new officers as we have worked in happy association with Dr. Inman in the past. Our sense of loss in the retirement of Vice-President Inman would be greater had he not agreed to teach one course in Economics for Huron next year. The presence of such a gracious scholar will enrich our academic community.

During this year the movement to full student participation in the academic life of the college took another step forward as four students have been elected to the Academic Council. They will serve also on the Committees of the Council. These committees govern the Faculty of Arts, the Faculty of Theology, the Library and all academic aspects of our community life.

On Thursday, November 23 a special Canada's Centennial Dinner was held. The Hon. John P. Robarts, Q.C., L.L.D., Prime Minister of the Province of Ontario addressed the gathering on his approach to the CONFEDERATION OF TOMORROW CONFERENCE which was to start in Toronto the next week.

During the year Huron College conferred Honorary Degrees on the Very Rev. Samuel J. Wylie, Dean of General Seminary, N.Y., The Rt. Rev. G. B. Snell, Bishop of Toronto, The Rev. Ann Graham of the United Church of Canada and Canon A.B. Silcox of Windsor.

Dr. G. Edward Hall, former President of the University of Western Ontario was received as an Honorary Fellow of Huron College.

Statistics

Registration of Students in Faculty of Arts

First Year	193
Second Year	159
Third Year	133
Fourth Year	3
Occasional	9

In conclusion the Corporation, the Executive Board, the Academic Council, the faculty and students of Huron College dedicate themselves to the task of increasing the stature of Huron as an Academic Community. In so doing we will endeavour to make our contribution to the University of Western Ontario with which we are proud to be affiliated.

New Appointments:

Binkley, Robert W., B.A. (Colorado), Ph.D. (Minnesota), Lecturer in Philosophy.

Dawson, Helen I., B.A. (McGill), M.A. (Queen's), B.Litt. (Oxon.), Lecturer in Political Science.

Faulkner, Christopher G., B.A. (Sir George Williams), Lecturer in English.

Jackel, David, B.A., M.A. (Toronto), Lecturer in English.

Kelly, Alexander K., B.A., M.A. (Saskatoon), Lecturer in Economics.

Miller, Valentine, B.A., M.A., B.Litt. (Oxon.), Lecturer in French.

Munn, Frederick G., B.A. (Waterloo Lutheran), M.A. (Western Ontario), Lecturer in Psychology.

Poisson, Rodney, B.A., M.A. (British Columbia), Ph.D. (Washington), Professor of English and Dean of Arts.

Rousom, George E., B.A. (Western Ontario), M.A. (Toronto), B.D. (Emmanuel), Lecturer in Religious Knowledge.

Rowe, John Gordon, S.B. (Harvard), B.D. (Episcopal Theological School, Cambridge, Mass.), M.A., Ph.D. (Toronto), Professor of History.

Resignations:

Bond, Elizabeth, B.A. (Wellesley), M.A. (Yale), Lecturer in Economics.

Drynan, Mary Louise, B.A. (Western Ontario), Lecturer in Political Science.

Howell, Karen, B.A. (McMaster), Lecturer in English.

Isler, Alan David, B.A. (Hunter College), M.A., Ph.D. (Columbia), Assistant Professor of English.

Johnson, Ivan Charles, B.A. (Dunelm), M.A., Lecturer in Economics.

Margolis, Cynthia, B.A. (Barnard College), Lecturer in English.

Moorcroft, Regine, B.A. (Saskatchewan), Lecturer in French.

Sessions, Kyle Cutler, B.A., M.A., Ph.D. (Ohio State), Assistant Professor of History.

Trentman, John Allen, B.A., M.A., Ph.D. (Minnesota), Assistant Professor of Philosophy.

BRESCIA COLLEGE

Report of the Dean

Sister Dominica

EXPANSION

An increase in enrolment in Arts and in Home Economics made it evident that further expansion was necessary. While the government gives an operating grant of 50% of the amount allowed to provincially supported Universities, and no capital grant at all, the possibility of expansion seemed insurmountable. The only reason for the continued existence of Brescia College from the financial point of view is the contribution of the services of the Sisters of the Ursuline Community.

In September a contract was signed to complete the third floor and the area beneath the auditorium in the St. James Building. These areas have been in use since the end of February, and include laboratory facilities for the Home Economics Department, lecture and seminar rooms, administration offices and additional faculty offices. The approximate cost was \$250,000.

The increased enrolment is as follows:

	<u>Year</u>	<u>number</u>
	1965-66	225
Arts	1966-67	270
	1967-68	309

Admission of Ontario Scholars:

	1965-66	0
	1966-67	9
	1967-68	8

Distribution of Home Economics students:

	from Brescia College	from University College	Total	
	1965-66	38	36	74
	1966-67	54	69	123
	1967-68	73	71	144

APPOINTMENTS AND AWARDS

The Dean of the College, Sister Dominica, was elected president of The Canadian Dietetic Association for the academic year 1968-69. She took office at the annual convention, held in Quebec City, June 4 - 6.

Sister St. Michael Guinan, Head of the Department of Philosophy, was appointed Assistant Director in the office on Aging, Ontario Department Social and Family Services, Toronto. Although granted a leave of absence, Sister will continue in a part-time teaching capacity at the College. Her new position will permit her to continue research for and continue the writing of her book, Work, Leisure and 20th-Century Man. Sister St. Michael is the first nun in Canada to be appointed a civil servant.

Sister Dolores Kuntz received the Ph.D. degree in psychology from Queen's University in May, and will become Head of the Department of Psychology in September, 1968.

Sister Corona Sharp, Head of the Department of English, was awarded a research grant from Huron College to do work in the field of contemporary drama.

Mrs. Margaret Howe, of the Department of Psychology, received a Mental Health Grant of \$1,500 for research on the only child.

BRESCIA LECTURE LEAGUE

Outstanding speakers on the Brescia Lecture League were:

Walter B. Herbert of the Canada Foundation, October 23,
"Today's Happenings and Yesterday's Thinking",

Dr. Charlotte Whitton, November 13,
"Where Are You Going, My Pretty Maid?", (The Challenge to Women Today),

Dr. Murray L. Barr of Health Sciences Centre, November 27,
"Some Recent Developments in the Study of Retardation",

Dr. Jean Vanier of L'Arche, Paris, January 29,
"Human Misery and Love",

Dr. D. Carlton Williams, President and Vice-Chancellor of The University of Western Ontario, February 19,
"The University - From Isolation to Involvement",

Mr. Merle R. Tingley, of the London Free Press, March 4,
"Lens, Pens and Itchy Feet".

STUDENT AFFAIRS

Brescia students won the Lang Trophy for Women's Intramural Sports, the second time.

Student representatives were appointed to sit on the Student-Faculty Committee, on the Academic Council, and on the University Assembly.

The number of students from foreign countries went up to 21.

NEW FACULTY APPOINTMENTS

New appointments to the Brescia Faculty were:

English	Mr. Wolf Kirchmeir	Lecturer
	Mr. Douglas Parker	Part-time Lecturer
	Mrs. Jean Rush	Part-time Instructor
	Mr. Monte Black	Part-time Instructor
Psychology	Dr. John Paul	Part-time Lecturer
	Mrs. Margaret Howe	Part-time Lecturer
Home Economics	Mrs. L. Rickman	Lecturer
	Mrs. W. Washington	Part-time Lecturer
	Mrs. E. Triggs	Instructor.

On Leave of Absence:

English	Sister Mary Louise McKenzie, to pursue doctoral studies at the University of Toronto.
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SERVICE OF THE CIVIC COMMUNITY

Among the numerous public lectures given by Sister St. Michael Guinan at the request of civic groups in and outside of London, three are of major significance. The first, on September 26, entitled "Revolution of Leisure", was given to the University Women's Club of Sarnia. The second was a paper, "Psychosomatic Effects of Aging", and was read at a meeting of the Ontario Interdepartmental and Advisory Committee on Aging, in Toronto, October 25. The third occasion was at the Catholic Hospital Conference of Saskatchewan, held at Regina, April 22-23. Sister St. Michael delivered two lectures: "The Hospital and Human Rights", and "A Philosophy of Work for Nurses". The occasion marked the twentieth anniversary of the Declaration of Human Rights by the United Nations.

Sister Corona Sharp was guest lecturer at the annual convention of the New York State Speech Association, held at Elmira, N.Y., March 7 - 9, 1968. Her topic was "Shakespeare through Puppetry".

KING'S COLLEGE

Report of the Principal

Very Rev. E. P. LaRocque

The University of Western Ontario Act, 1967, brought many changes in the structures of the University which have had their effect on the affiliated colleges as well. The fracturing of the Faculty of Arts and Science into the Faculties of Arts, Social Science, Science and Music leaves the liberal art college system as somewhat of an archaism, but, hopefully, a valid and useful alternative to a multiversity.

Formula financing, introduced by the Ontario government in this academic year, seems to some a potential cause of a great lowering of standards -- when operational costs are tied to student population, the temptation to lower standards may be difficult to resist in the face of mounting costs. That the Ontario government should persist in its grant of only 50% to church-related colleges affiliated or federated to provincially assisted universities is both pathetic and treacherous.

ADMINISTRATION:

Four new members were added to the Board of Directors: Prof. John Snyder (a Faculty member of King's), Mr. John Cronyn (Businessman), Mr. Gerald Van Horne (Principal of Sir George Ross Secondary School), and Miss Eleanore Donnelly (Librarian). Under the Chairmanship of Dr. Wm. Tillmann, the Board is awaiting a reply from the Board of Governors of the University to its offer to sell the present King's College building; it would then build a complex on land immediately west of the School of Engineering near the main campus. The Board has also invited the Students' Council to nominate student candidates from whom the Board plans to appoint one student member to the Board on a trial basis for the academic year 1968-69.

The Academic Council received Mr. Van Horne as a replacement for Prof. Kieser as Board representative and Mr. Fred Peters, the Students' Council President as the first student member of the Council.

The crisis occasioned by the premature release of news over the possible sale of King's taxed college structures, but eventually a mutual trust and spirit of cooperation is more and more in evidence and should furnish the "launching pad" for a vital King's College for years to come.

Mr. Daniel Kealey, B.A. (Ottawa) has been Dean of Men during this academic year.

FACULTY:

Negotiations this year have established the principle of parity at all levels with the salary scale of the University of Western Ontario. A faculty of 14 full-time and 10 part-time members offered a total of 40 courses in 52 sections. Once again the bus service sponsored by Brescia and King's Colleges has allowed us to work

out a joint time-table in which an attempt is made to avoid duplication of courses, especially on the senior and honors level; this service also permits a common time-table with the whole University.

Appointments:

Dr. Owen Carrigan, B. A. (St. Francis Xavier University), M.A. (Boston University), Ph.D. in American History (University of Maine), becomes Principal and Dean of Arts of King's College on July 1, 1968, with the concomitant rank of Professor in the History Department.

John H. Campbell, B.A. (St. Francis Xavier University), B.Ed., M.A. (University of New Brunswick), has been appointed to the rank of Assistant Professor in the Department of English.

Gary H. Paterson, B.A., M.A., M. Phil. from the University of Toronto; he is now completing his dissertation for the Ph.D. on "The Place of Catholicism in the Literature of the Decadence in England". Mr. Paterson will hold the rank of Lecturer in the Department of English.

Mrs. Phyllis G. Leach, M.A. (U. of Chicago), Politics (B.A., Heidelberg, Ohio).

Resignations

Frank E. Burke, B.A. (Windsor), M.A. (Carleton), Lecturer in the Department of History (Part-time).

Gordon D. J. Edwards, B.Sc. (Toronto), M.A. (Chicago), Lecturer in Mathematics (Part-time).

Jerome A. Kramer, B.A. (John Carroll), Ph.D. (Ohio State), Assistant Professor in the Department of English.

Joseph Kushner, B.A., M.A. (U.W.O.), Lecturer in Economics (Part-time).

Rev. Eugene P. LaRocque, B.A. (U.W.O.), M.A. (Laval), Lecturer in Department of Romance Languages (Part-time) and Principal of King's College.

Judith Sloman, B.A. (Radcliffe), M.A. (Tufts), Lecturer in the Department of English.

Fritz M.G. Wieden, B.A., M.A. (U.W.O.), Ph.D. (Toronto), Assistant Professor and Chairman of the Department of English.

Promotion:

Gerald W. Olsen, M.A. Windsor - to Assistant Professor.

STUDENTS:

Registration remained relatively stable at King's. The Pre-Theology program is being phased out and all students at St. Peter's will follow the General Arts Program beginning with the Freshman of this year.

	<u>1967-68</u>	<u>1966-67</u>
Freshmen	105	102
General Arts II	65	47
General Arts III	44	63
Honors Arts II	11	15
Honors Arts III	10	3
Honors Arts IV	3	2
Pre-Theology	9	25
Total Full-time	247	257
Part-time	18	15

Academically, 79.02% successfully cleared all courses in the May examinations; another 13.99% have the possibility of doing so through supplemental examinations; the failure rate is the lowest in our history, 2.88%.

SPECIAL EVENTS:

The ninth annual series of lectures on Aspects of the Visual Arts was again planned by Dr. Marvin Eisenberg, Chairman of the Department of the History of Art, University of Michigan, and was presented to the University and London community by King's College in Middlesex College theatre.

The program entitled "The Image of Woman in Western Art" was as follows:

1. January 11 - - Introduction to the series
The Madonna: Medieval and Renaissance, M. Eisenberg, University of Michigan
2. January 18 - -
Leonardo da Vinci - - Ginevra and Mona Lisa, M. Eisenberg, University of Michigan
3. February 1 - -
Venus in Later Sixteenth Century Art, Richard Spear, Oberlin College
4. February 8 - -
Rembrandt's Women, Clifton Olds, University of Michigan
5. February 15 - -
Degas' Women, Jean Boggs, Director, National Gallery, Ottawa

6. February 22 - -
Picasso's Women, Edward B. Henning, Curator of Contemporary Art,
Cleveland Museum, Cleveland

CONCLUSION:

As I leave the University community and make way for my very able successor, Dr. Owen Carrigan (the first lay Principal of a church-related college in Canada), I express my gratitude to all with whom I have been associated over these twelve years. May King's College grow and make its religious, professional and dynamic contribution to this ever-expanding University.

THE UNIVERSITY LIBRARIES

Report of the Chief Librarian

Professor J. J. Talman

The year 1967-68 saw a great increase in accessions. The figures for the past four years were:

<u>1967-68</u>	<u>1966-67</u>	<u>1965-66</u>	<u>1964-65</u>
90,120	64,277	59,983	38,543

This year's total includes 21,001 volumes under computer control in the School of Library and Information Science made up of the SLIS library - 14,002; Children's Collections - 2,196; and Special Collections (pre-1800) - 4,803.

The accessions for the year brought the University of Western Ontario Library holdings to 600,823 volumes. As has been stated in reports for other years, this total includes only what the Dominion Bureau of Statistics describes as volumes of books, monograph serials, periodical publications, printed government documents and technical reports.

The annual report of the libraries to the Dominion Bureau of Statistics will also include the following scholarly resources added during the year:

Microprint Government Documents	68,400
Microforms	91,811
Catalogued Music Education Material	1,545
Records	931
Financial Post Corporation Service Cards	<u>7,000</u>
Total non-book acquisitions	169,687

Although not included in the figure of 600,823 given above, this material is invaluable for teaching purposes and scholarly research. Since last year's report showed that holdings of this nature totalled 317,459 items, the figure now has increased to 487,146.

ACQUISITIONS

The acquisitions of books was speeded by the appointment of Dr. Martha C. Bishop as Head of the Acquisitions Division. Dr. Bishop came to us from Rice University, Houston, Texas, where she was chief cataloguer. Dr. Bishop reports that the acquisitions division placed a total of 55,481 new orders for all sections during the year. About 850 of these were new subscriptions for periodicals and annuals.

This figure of 55,481 does not tell the whole story as it contains only the items for which we were able to place actual orders with publishers or dealers. A vastly larger number of titles were searched, often requiring all the bibliographic work necessary for ordering, but then turning out to be already held by the libraries or not available for purchase.

With a total acquisitions budget of \$952,100.00 it was possible to purchase a number of especially valuable items and collections. For instance we acquired a 2600-volume collection of German literature and German literary history. We made arrangements with a library in the United States to receive Russian-language duplicates discarded by the Library of Congress. Other significant acquisitions include:

The German national bibliography (retrospective and current)

The Italian national bibliography (retrospective and current)

The printed dictionary catalogue (in bookform) of the New York Public Library Music Collection

The printed library catalogue (in bookform) of the Metropolitan Museum of Art in New York

Back-volumes of periodicals and annuals in all subject fields (many of these as reprints) for close to 1000 individual titles.

Special mention may be made of the acquisition of 700 reels of microfilm of American periodicals, 1800-1850. We were also able to complete the microfilm file of the Globe, Toronto.

A most notable purchase was France, Liste générale des individus condamnés par jugemens, ou mis hors de la loi par décrets, et dont les biens ont été déclarés confisqués au profit de la République, etc. (Paris, 1793-98).

This fine body of material, bought at auction at Sotheby's by our agent in England, will add much to our already extensive collections bearing on the French Revolution. Apparently, this set is nowhere held in such completeness.

Some of the important acquisitions in music were:

Chopin, Fryderyk Franciszek, 1810-1849. Works

Telemann, Georg Philipp, 1681-1767. Works

British Broadcasting Corporation. Central Music Library.

Chamber music catalogue

Choral and opera catalogue

Piano and organ catalogue

Song catalogue

Encyclopédie de la musique et dictionnaire du Conservatoire

New York Public Library Reference Department. Dictionary catalogue of the music collection.

Vierteljahrsschrift für Musikwissenschaft

GIFTS

The Althouse College of Education collection of Africana, which is being built up in connection with the C.U.S.O. Teacher Orientation Program each summer, was significantly augmented by a donation of approximately 300 volumes from Canadian University Service Overseas, in addition to considerable on-the-spot purchasing by one of our faculty members on leave of absence in Africa this past year. This particular subject field is studied in some depth in early secondary school geography courses, and we also have been able to make our holdings available to the Crossroads Africa orientation course this year.

Gifts to the Engineering Library included 130 bound journal volumes filling in gaps in our journal collection, as well as 75 books of note.

Gifts to the General Library of books, journals and financial donations were received from many friends of the library.

Quaker material from Mr. Harold Zavitz provided a valuable addition to the extensive collection of Canadian Quaker records in the library.

The London City Council gave the Regional History Collection the extensive files of the London Railway Commission, 14 volumes of Collector's Rolls for London for the years 1861-67, and other material. The value of these records to the history of London is inestimable.

Dr. R. L. Allen gave \$1,421.00 for the purchase of books dealing with history and philosophical foundations of the Physical Sciences, Chemistry, Geology, Geophysics and Physics.

The Hadassah-Wizo Organization of Canada presented a fine edition of The Talmud, in English.

Mr. David Ker, Publisher of the Daily Sentinel Review, Woodstock, and Mr. Stanley Smith combined to present the library with a long run of the Ingersoll Chronicle. This file will complement the extensive collection of files of Western Ontario newspapers already in the library.

The late Professor A. Willena Foster, some time Associate Professor of Physics at this University, before her death, requested Dr. R.L. Allen to chose volumes from her library which he thought would be useful. He selected approximately twenty-five volumes.

Mrs. E.G.D. Murray presented extensive runs of fifteen journals in various fields.

The following persons, organizations and institutions presented books and journals or made gifts of money to the various elements in the University library system. Their generosity is gratefully acknowledged.

Dr. G.L. Jepson	Rev. George Hamilton
Mr. Arthur C. Cummings	Mr. Cyril Greenland
Dr. G.G. Suffel	Dr. J.W. Simmons
Mrs. R.N. Weekes	Mr. D.A. MacRae
Dr. D. R. Miller	Dr. W.W. Judd
Dr. E.G. Pleva	Mr. Allen C. Talbot
Rev. R.E. McLagan	Dr. J.K.A. Farrell
Mr. & Mrs. J. R. Howlett	Dr. B.L. Shawyer
Dr. Alma C. Saraydar	Mrs. P.V. Cotes
Mr. Harry Barrett	Dr. E. Laird
Dr. Gordon Magee	Prof. D.E. Woodburn
Dr. Lewis Hanke	Prof. A. Dreimanis
Dr. G.C. Winder	Dean N. Nicholson
Dr. T.C.W. Mak	Dean C.A. von Kuster
Dr. D. Borwein	Messrs. George and Stanley Smith
Mrs. Ethel Gras	Mr. James C. Bonar
Mr. Robert Senelle	Mrs. James C. Burns.
Dr. W.J. Cameron	Dr. K.R. Richardson
Dr. D.B. McMillan	Prof. G. Milburn
Mr. Carl S. Miller	Miss Katherine Thornton
Dr. R.C. Overton	Prof. E.R. Procunier
Dr. D.C. Bondy	Mr. Frank Dowler, Q.C.
Mr. Robert Dowler	The Russian Ambassador
The Robert Owen Lehman Foundation	Henderson Directories Limited
The Fire Department, London	The Restigouche Rummy Club
The Hamilton Public Library	The Prince Edward Island Libraries
The Ministère des Affaires Culturelles, Québec	The Burton Historical Collection

This year the Health Sciences Library began to receive the volumes in the Collip collection, the library belonging to Dr. James Bertram Collip. This magnificent collection of journals and books in Biochemistry and Physiology will greatly enrich our holdings in these subjects, most important in the research work of our faculty members and graduate students. Fifty-five subscriptions to journals in his collection are being maintained by the library. The more recent journal volumes in this collection are to be kept in the Collip Room as long as this collection is of current interest.

The executors of the estate of the late Dr. Frederick R. Miller, a former head of the Department of Physiology of the Faculty of Medicine, presented his extensive library to the Health Sciences Library.

Dr. H. McGarry, of Niagara Falls, was also kind enough to give the library some volumes of historical interest from his collection. St. Joseph's Hospital offered us many volumes given to their library but not needed in their collection. We, in turn, have been able to supply the hospital libraries with some duplicates and had many volumes useful to McMaster's new health sciences library. The College of Physicians and Surgeons of Ontario granted \$300.00 towards the purchase of books and journals.

In addition to the large gifts listed above, the Health Sciences Library received 109 donations amounting to 1,110 items: 959 of these items were journals; Stevenson Library received 178 gifts.

The Music Library was enriched by the bequest of the record collection of Mr. J. Burke Martin, former theatre critic for the London Free Press, and the gift of a record collection of his own recordings by Dr. Reginald Stewart, pianist.

Miss Edythe Vann presented a collection of music, mostly vocal.

The Canadian Music Centre presented several study scores.

THE ANNEX

The critical shortage of space in the cataloguing and order departments was relieved in the fall with the renting of office space downtown. The accounting department and receiving section of acquisitions and the book receiving unit of cataloguing were moved. While this solution is far from ideal and necessitates a great many phone calls and personal visits, it provides greatly needed work and book storage space.

CATALOGUING

Miss Jean Elson, Chief Cataloguer, reports that there were no major changes in organization but that pressure from acquisitions continued without abatement. Limitation of space precluded the addition of necessary staff to cope with the flow. A note on computer processing is given below.

COMPUTER APPLICATIONS

In the report for last year it was stated that all book orders were being produced by computer. The use of the University computer was greatly expanded during the year. In January, the libraries produced by computer the first complete list of all periodicals currently received, with a record of holdings and location. The publication was a large volume of over 400 pages.

As the fiscal year was drawing to a close the cataloguing department initiated a finding system whereby uncatalogued books could be stored in the stacks and located by a number. The computer produces the necessary cards and labels.

READERS' SERVICES

As of February 1, 1968, members of the faculty were able to make requests for library material to be delivered to the library or reading room nearest them. The service quickly became known as BLOCS - Book Loans on Campus Service, and by July 1 approximately 240 requests had been processed at the General Library. Loans made between other libraries on campus totalled 53.

As will be seen by the following table, the total circulation of books in all libraries and reading rooms increased by 35,001 or 13.8 per cent.

Circulation in the General Library increased 18.6 per cent to a total of 111,650. Figures for the three undergraduate reading rooms, Middlesex, Talbot and University College, show a slight decrease of 1,601 in their combined circulation totals. But, in spite of the recorded decrease, there appeared to be considerably greater use made of the reading room facilities during the year under review. This may be an indication that larger numbers of students are studying and using material in the reading rooms in preference to borrowing for home use.

Circulation increases were recorded by practically all units, but the major growth was in the Music Library where circulation increased more than sevenfold. The rapid growth of this division, the physical expansion of the library, the educational material now being administered by the library are all reflected in the circulation figure.

	<u>1967-68</u>	<u>1966-67</u>	<u>1965-66</u>
General	111,650	94,097	156,778
Middlesex	11,204	13,420	11,501
Talbot	18,769	7,265	
University	31,514	42,403	
Business	13,660	12,166	11,938
Education	27,500	21,237	4,027
Engineering	6,320	4,057	3,713

Health Sciences	21,880	17,674	15,020
Nursing*	3,018	6,971	5,572
Stevenson	1,703	1,366	
Law	5,225	6,108	4,380
Music+	13,257	1,854	1,064
Natural Sciences	22,528	24,609	12,366
	<hr/>	<hr/>	<hr/>
TOTAL	288,228	253,227	226,359

*As of August 15, 1967, the Nursing Reading Room became a reserve reading room only. The non-reserve nursing books are now housed in the stacks of the Health Sciences Library.

+Figures for records, scores etc. were not included prior to 1967-68

INTERLIBRARY LOANS

<u>General Library</u>		<u>1967-68</u>	<u>1966-67</u>
Outgoing:	books	1,867	1,387
	photocopies	1,165	745
		<hr/>	<hr/>
		3,032	2,132
Incoming:	books	2,072	1,622
	photocopies	2,285	1,528
		<hr/>	<hr/>
		4,357	3,150
Health Sciences			
Outgoing:	books	394	244
	photocopies	813	545
		<hr/>	<hr/>
		1,207	789
Incoming:	books	286	185
	photocopies	468	302
		<hr/>	<hr/>
		754	487

On September 18, 1967, fourteen university libraries, the National Library and the National Science Library were linked together by a telex service and a daily Inter-University Transit System (IUTS). Fifty per cent of the items borrowed and loaned were obtained via IUTS.

NOTES ON DIVISIONAL/PROFESSIONAL LIBRARIES

Items of interest from reports of Divisions and Divisional/Professional Libraries follow:

ALTHOUSE COLLEGE OF EDUCATION LIBRARY

Miss Sally McCrae reported that a new dimension was added to the Althouse book collection during the 1967-68 term with the addition of the Elementary Teaching option to the College curriculum. Their scope has now been extended from a concentration in secondary education to the full range of texts and reference materials from kindergarten to Grade XIII. It is hoped that this broader emphasis will prove a valuable contribution to the teaching community as a whole.

A steady growth in circulation statistics, coupled with an increase of more than 6,000 volumes to the total book collection which now numbers between 20,000 and 25,000, would indicate that both faculty and students continue to maintain a vital interest in and extensive use of the library facilities.

BUSINESS LIBRARY

Mr. John Hoover reported that the completion of the addition to the Business School will be delayed considerably beyond the originally scheduled date of September, 1968. It is not expected that the library will be able to occupy its new facilities until sometime in 1969.

The collections have increased during the year by 4,550 items. The distribution is as follows:

(a)	<u>Corporation Reports</u>	
	i) Microforms	24,000
	ii) Original reports	13,000
	Total	33,000
(b)	<u>Catalogued Book Volumes</u>	
	i) Monographs	16,000
	ii) Periodicals	3,500
(c)	Pamphlets	1,500
(d)	Microfilm	550 reels
(e)	Government Documents	2,500
(f)	Uncatalogued duplicates, periodicals and newspapers	2,000
	TOTAL	63,050

ENGINEERING LIBRARY

Mrs. Gladys Osborn reported that during the year under review the serious problem of lack of space was alleviated by the expansion into a portion of a room adjoining the library. The move added approximately 800 square feet to

the existing library space of 1,600 square feet. This provided areas for reference books, the circulation desk and catalogues, an office for the librarian and approximately 48 seats at study tables. The libraries are indebted to the Dean of Engineering, Dean R.M. Dillon, for surrendering important lecture room space.

It is to be hoped that by gradually converting from wooden book cases to metal shelving, we can manage until the library has a new location in the proposed addition to the Engineering Science Building.

A Coronastat Copier was installed in the library in March, 1968. The volume of copying was light at first, but it increased considerably by the end of June.

GOVERNMENT DOCUMENTS

The total amount of material added to the collection more than doubled that received during 1966-67. With the publications of international organizations and certain countries under control, the collecting and organizing of provincial material was begun.

Mr. Clarke E. Leverette attended a discussion in Hamilton at which automating government documents was considered. The library's position at present is that our first duty is to co-operate with the other Ontario university libraries in our selection of material from organizations, countries, provinces, etc., so that each library does not end up collecting everything.

HEALTH SCIENCES LIBRARY

Miss Anne Seheult reported that the Collip Collection is being moved to the Health Sciences Library as the dental sciences addition nears completion. This "dental" addition will give us a new periodicals room and a faculty reading room to be called the Collip Room.

The National Library of Medicine system of classification was instituted during the year. This change necessitates re-cataloguing volumes published since 1960 which fall within the scope of this classification.

The Nursing Reading Room now houses the journal and reserve book collection in nursing subjects rather than all nursing material.

The Department of the History of Medicine of the Faculty of Medicine has been re-activated and creates new demands on the Collection. Hospital libraries, both in London and nearby cities, are increasingly active borrowers.

This year Stevenson Library again submitted an exchange list to the Medical Library Association and as a result has mailed 2,922 items.

An interesting exhibit came to the Health Sciences Library in December. Canadian medical libraries were given the opportunity of displaying the Weisman Pre-Columbian Medical Miniature Collection and the display proved to be popular.

Visitors during the year were Miss Margareta Absesson, Librarian of the Royal Veterinary College in Stockholm, and Dr. Genevieve Miller of the Howard Dittrick Museum of Historical Medicine of the Cleveland Medical Library Association.

LAW LIBRARY

Dr. Margaret Banks reported that of the total number of books added, about half are classified as law reports or statutes. Until this year, American statutes consisted only of the federal and New York codes. During the year under review, the Law Library added the statutes of the following states: California, Illinois, Louisiana, Massachusetts, Michigan, Minnesota, Oklahoma, Pennsylvania and Texas. They continued to extend their holdings of pre-National Reporter System American state reports; among those obtained were the law reports of Florida, Maine, Mississippi, New Hampshire, North Carolina, Ohio, South Carolina and West Virginia. In the Commonwealth area, they accessioned statutes of two of the Australian states, Queensland and Victoria.

Sets of American law journals added to the Law Library during 1967-68 are the Mercer Law Review, the Oregon Law Review, and the University of Detroit Bi-Monthly Law Review. An English set which combines reports of cases and articles is the Justice of the Peace and Local Government Review and Reports. It began publication in 1837 and remains current. For some time the Law Library had been trying to obtain a complete set and were fortunate this year to do so.

Last year's report noted preliminary efforts to secure out-of-print treatises and older editions of treatises that are still in print. Searching for this type of material was very successful. About 3,800 of the volumes added during 1967-68 were treatises, some current, but many out-of-print. These older books will be useful for research purposes. An interesting and unexpected acquisition was a complete set of the Notable British Trials. Many of the volumes in this series have been out-of-print for a long time and complete sets seldom become available.

MUSIC LIBRARY

Mr. Larry Lewis reported a great deal of activity. The year began with the annexation of room 10 and 10A in the College of Music in order to cope with a rapidly expanding collection, and increased student enrolment, increased library staff and the formation of a Choral/Orchestral Music Library.

The music library's collection and reading room area which were formerly in room 113 were moved to room 10 and room 113 became the listening room for records and tapes. Room 10A became the choral/orchestral music library and the librarian's office. The addition of these two rooms solved the music library's problem of space for the years 1967-1968 and 1968-1969, at the end of which time the space problem will again be critical. The music library's staff increased proportionately to meet the demands of expansion. The formation and control of the choral/orchestral music library required the full time of one assistant.

The material which makes up this library had previously been controlled by the Music Education Department of the College of Music. It includes multiple copies of method books for winds and strings, multiple copies of choral music, and scores and parts for band, string orchestral and orchestral music exceeding nine parts. (It should be noted that all music for nine parts and less is processed, housed and circulated in the conventional way and is located in the music library's main collection). Because these materials cannot be catalogued, housed, or circulated in the conventional way, they have been separated from the music library's main collection.

No standard system of cataloguing and classification of these materials has been established by music libraries. The majority of university music libraries refuse to house these materials and therefore the individual departments of the music faculty organize and circulate their own. The disadvantages of the decentralization of these materials are self evident. The music library of the College of Music, therefore, is pioneering in the control of these materials. The classification is by the following broad categories: band, choral, string orchestra, orchestra, concerto, and method books. The division within each category is simply by accession. A catalogue has been set up with composer-title and title cards. Circulation is restricted to the faculty and their classes of performance groups. For its first year of operation there was a total circulation of 4,016 items.

Much effort was spent this year in continuing to expand the music library's collection. Guidelines for expansion were set up in the College of Music's Report to the Appraisals Committee, Ontario Council on Graduate Studies Concerning a Proposed Master of Music Degree (Mus.M.). The proposed areas of specialization include music theory and composition, musicology and music literature, and music education. The building of these areas was of prime importance this year since the College of Music resources, including those of the library, were appraised in the spring of 1968 by Dr. Wilfred C. Bain, Dean of the School of Music, Indiana University, and Dr. Paul Henry Lang, Professor of Musicology, Columbia University. Dr. Lang gave one guideline for the building of the music library's collection which was to give first preference in acquisitions to the actual music before books about music.

In addition to the above areas of expansion the record collection was almost doubled by the addition of approximately 1,000 new records. The entire collection of new records was temporarily catalogued and now is being fully catalogued. Circulation statistics indicate a much increased use of the library's resources. For the first time statistics were kept of the circulation of records, scores and books which can be used only in the listening or reading rooms by the students.

The music library also established a tape collection in 1967-68. Approximately 250 tapes were added to the collection. There are two purposes for establishing the collection. The first is to record all performances in or connected with the College of Music. The second is the taping of theory and listening assignments for classes.

NATURAL SCIENCES LIBRARY

Mrs. Sheila Phipps reported that the most important achievement of the year was the sorting and filing of 46,000 catalogue cards prepared by the cataloguing department for all the material transferred into the Science Library from storage in the General Library.

The catalogue filing training given to all the Natural Sciences Library staff in the cataloguing department's periodic filing classes was of immense help during this exercise. All the staff are now able to use the catalogue and to assist readers.

The Science Citation Index was added to the stock and the number of journal subscriptions continues to rise steadily. The approximate total number of titles is now 1,100. Xerox copying during this past year averaged approximately 5,500 copies per month. A coin-operated Coronastat machine was installed in December for the convenience of other library readers and to date 13,000 copies have been made obviously supplying a service which was needed.

REGIONAL HISTORY AND TREASURE ROOM COLLECTIONS

Mrs. Aileen DeSomogyi, who took over the administration of these collections in July, 1967 reported that the year was a busy one. Her records show that 418 books and 133 manuscript units were added to the Regional History Collection. In the latter category the largest accession was a considerable collection of business records from Cairncross & Lawrence Limited, comprising 43 prescription books from 1886 and 8 boxes of financial and other records. The most valuable donation, through the interest of Mr. Douglas MacKenzie, was a collection of some 250 papers relating to Lord Selkirk's settlement at Baldoon. These papers came from Mrs. Gordon Stewart, Mr. William Morrison and his mother.

Altogether, 2,032 books and manuscripts were brought out for consultation (much of it long-term) by the 466 visitors (including students) who signed the book. These figures compare favourably with those of past years. There has, however, been a considerable increase in reference work, many queries, particularly those received by mail, involving much research.

Two numbers of Western Ontario History Nuggets were published during the year - No. 33, Fanfan's Poetry, edited by Elwood H. Jones, and No. 34, One increasing purpose by Dr. H.B. Timothy. Western Ontario Historical Notes, vol. XXIII, No. 1 and vol. XXIV, No. 1 also appeared. Much time, too, was devoted to proof-reading the Centennial Publication, Dr. Frederick H. Armstrong's Handbook of Upper Canadian Chronology which is still in process of publication.

Material microfilmed has included both original matter and newsprint.

Of interest in the former category are the Aitcheson Brown Diary and account book, the papers of Christ Church, Dresden (1859-1935), Middlesex County assessment rolls, customs registers and accounts of the Port of Dover, the cash book of Point Farm, and the parish registers of St. John's Woodhouse.

Several years of two newspapers were microfilmed - The Goderich Star and the Chatham Daily and Weekly Planet.

STAFF ACTIVITIES

Dr. Margaret Banks attended a conference held in Winnipeg in April on classification of Canadian law libraries, sponsored by the University of Manitoba Libraries and Faculty of Law.

Miss Lillian Benson represented the Libraries at the Annual Dinner and Meeting of the Antiquarian Booksellers Association of Canada in May.

Miss Kathleen Beretta, a staff member of the Natural Sciences Library, wished to maintain her interest in medical libraries; she therefore attended the regional meeting of the New England Group of the Medical Library Association in Montreal on November 3 and 4, 1967.

Mrs. Evelyn Crouch spent two weeks at the National Library of Medicine in Washington in connection with the use of the National Library of Medicine classification. She was able to discuss their system of cataloguing and as well to gain some experience in working in their cataloguing department.

Mrs. Aileen DeSomogyi regularly attended the meetings of the London and Middlesex Historical Society and the London Genealogical Society. She also attended the First Annual Conference on University Archives at Eastern Michigan University on April 4, 1968, and the Annual Meetings of the Canadian Historical Association at Toronto in December, 1967 and at Calgary in June, 1968.

Miss Joan Fraser and Mr. Larry Lewis attended the fall meeting of the New York State Chapter of the Music Library Association in Potsdam, New York, and were joined by Mrs. Margaret Wismer for the spring meeting in Rochester.

Mr. John F. Macpherson attended the colloquium on Automation in Large Libraries: Implications for the Administrator and the Manager, held at the University of Montreal on May 9-11, 1968.

Miss Mary Murray attended the Upstate New York regional group meeting of the Medical Library Association in Albany on September 29 and 30, 1967.

Miss Ruth Sanderson attended the annual meeting of the Ontario Library Association held in Hamilton on May 13 and 14, 1968.

Miss Anne Seheult attended a Festival of Medical Education Television held at the University of Western Ontario on September 8 and 9, 1967. She also attended a meeting of the New England Group of the Medical Library Association in Montreal in November. In December, 1967, she was invited to give a seminar at the Children's Psychiatric Research Institute on recent developments in the bibliographic aspects of medical library service. Miss Seheult continues as secretary of the standing committee of Medical School Libraries of the Association of Canadian Medical Colleges.

Dr. James J. Talman continued as Chairman of the Microfilm Committee of the Canadian Library Association for the fourteenth year. His reappointment as a member of the Historic Sites and Monuments Board of Canada was renewed for five years. In June, 1968, he received the Cruickshank Medal from the Ontario Historical Society for outstanding service to the cause of Ontario History. He also attended the Canadian Library Association meetings in Calgary held in June. The chief librarian, or Mr. John F. Macpherson, attended every meeting of the Ontario Council of University Librarians.

CONCLUSION

Planning for the new library continued during the year. As the plans advanced, more and more time was devoted by all members of the staff involved in space requirements.

Once again the year saw great gains in acquisitions and service. Any achievements must be credited to the wholehearted co-operation of the entire staff.

It is gratifying to be associated with an expanding institution but the pressure of increased activities can be wearing. I must thank every staff member for his or her efforts in making the year a success. Without their support little could have been achieved.

DEPARTMENT OF ATHLETICS

Report of the Director

Mr. John P. Metras

The trophy table at the Annual Awards Banquet was a lot brighter this year as three of Western's intercollegiate teams won Ontario-Quebec Athletic Association championships. The Volleyball, Rowing and Basketball teams each gained league championship status. In addition, the Rowers won the Eastern Canadian Intercollegiate Rowing Association Championship. Western was well represented in a total of seventeen different sports.

Highlight of the evening was recognition of the official retirement of Murray McNie as trainer of athletic teams and track coach for the past thirty-five years. Dr. D. A. McLarty, in presenting a permanent track and field trophy in McNie's name, said "This trophy will be kept here and will serve as a constant reminder of this coach, trainer, gentleman and friend." The "W" Club, representing some 1200 former Western athletes, awarded McNie a gift of luggage and a trip to Mexico for the Olympics.

The Dr. Claude Brown Trophy for "the student who has in the opinion of the selection committee made the greatest contribution to athletics in the University" was awarded to Charlie Nixon. With three first colors in wrestling, Nixon also has to his credit the Oliphant Trophy as 1965-66 Most Valuable Player on the U.W.O. wrestling team, the Keegan Trophy as the outstanding wrestler in the O-Q.A.A. in 1966-67, two O-Q.A.A. Championship medals and a Western Bronze "W".

MEN'S O-Q.A.A. SPORTS 1967-68 SEASON

1. Badminton Coach, Dutch Decker.
Ken Delf won O-Q.A.A. Singles Championship.
Team placed third in Western Division Tournament held at U.W.O.
2. Basketball Coach, Jerry Gonser. Team placed first in Western Division with an 8-2 win-loss record. Won playoff for O-Q.A.A. championship and then competed in C.I.A.U. tournament in Antigonish, N.S., losing to St. Mary's and Carleton. Overall season, won 11, lost 12. Greg Poole, David McGuffin made Western All-Stars on second team. Marnix Heersink won LeBel Trophy as MVP in play-offs.
3. Curling Coach, Dutch Decker. Team placed second in O-Q.A.A. Bonspiel in Kitchener.
4. Fencing Team placed fifth in O-Q.A.A. tournament in Kingston.
5. Football Coach, John Metras. Team placed third with 1 win, 1 tie and 4 loss record, 1-1-7 overall. The following were chosen O-Q.A.A. All-Stars: Bob Israel, Pete Tasker, Bill Hendershot, Carl Lindros, Ottavio Colosimo, Bill Martin and Brian Murray.

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|-------------------|---|
| 6. Golf | Coach, Dutch Decker. Team placed sixth in O-Q.A.A. tournament at Kingston. |
| 7. Hockey | Coach, Ron Watson. Team placed fifth in O-Q.A.A. with 7-7-2 win, loss, tie, record. Over-all record was 7-15-2. Dave Field made second team All-Star on defence. |
| 8. Rowing | Coach, Dr. Phil Fitz-James. Team won O-Q.A.A. championship with firsts in heavy varsity, Junior varsity and freshman races. Team was awarded Eastern Canada Intercollegiate Rowing Association Trophy. |
| 9. Rugger | Coach, Derek Kersley. Team won Western division with 8-0 record but lost play-off to Toronto. |
| 10. Skiing | Team placed ninth in Championships in Quebec City. |
| 11. Soccer | Coach, Julian Payne. Team placed fifth in Western Division with a 1-7 record. |
| 12. Squash | Coach, John Fairs. Team tied for third place at the O-Q.A.A. championships at McMaster. |
| 13. Swimming | Coach, Bob Eynon. Western finished third in O-Q.A.A. championships held in London. Individual winner from U.W.O. was Paul Walker (new record in 100 yard breast-stroke) and first in 200 breaststroke. |
| 14. Tennis | Coach, Dutch Decker. Brian Flood won singles and teamed with Bob Byrick to win doubles in Western Division. Lost both finals to Montreal. Team placed third. |
| 15. Track & Field | O-Q.A.A. championships held at Western. Won by Toronto. Western placed fifth. |
| 16. Volleyball | Coach, Dutch Decker. Team won O-Q.A.A. championship for the first time. Placed third in C.I.A.U. championships. |
| 17. Wrestling | Coach, Glynn Leyshon. Team placed second to Guelph in O-Q.A.A. Individual championships won by Bill Tinslay, 123 lb. class, Charlie Nixon, 130 lb. class, Ole Sorenson, 137 lb. class, Cy Szymczak 152 lb. class. |

AWARDS

Howard Ferguson Trophy
 Dr. Claude Brown Trophy (overall)
 John Metras Trophy (basketball)
 Peter Fowler Trophy (swimming)
 George McCullagh Trophy (football)
 George Oliphant Trophy (wrestling)
 Circle "K" Trophy (hockey)
 Robert McChesney Trophy (hockey)
 Murray McNie Trophy (track & field)

No award
 Charlie Nixon
 Robert LaRose
 Wolf Tausendfreund
 Robert Israel
 Michael Connolly
 David Field
 John Heslop
 John Griffith

Intramural athletics and recreation continued with a wide program at several levels of competition. The University Shield for the overall Intramural Championship was won by Huron College by a close margin over the Meds. Both teams had complete entries in all twenty-three sports.

1.	Huron	245½ points
2.	Meds	238½ points
3.	U.C.	199
4.	M.C./T.C.	187
5.	K.C.	163
6.	C.S.	156
7.	Eng. Sc.	130
8.	Business	87½
9.	Law	56

WOMEN'S ATHLETIC ACTIVITIES 1967-1968

The year 1967-68 was a most successful one in Women's Athletics. In Intercollegiate competition Western girls won 3 championships:- in Outdoor Archery, Curling and Indoor Archery. In Basketball our players tied with McMaster for a shared championship. Archery teams were coached by Mrs. Elfrida Berzins and Basketball by Miss M.L. Dresser. Second places were won in Volleyball and Field Hockey, coached by Miss J. Taylor and Mrs. H. Kunkel respectively. In Badminton (coach, Mrs. Kunkel) we placed third and in Ice Hockey (coach Mr. J. Cobb) we were sixth. In Swimming (Mrs. U. R. Palmer and Mrs. Kunkel) we were third and in Track and Field (Miss Dresser) we placed third.

Western excelled in Archery during the entire school year. In an All-American Telegraphic Archery Tournament in which 27 colleges and universities participated, our girls' team and a mixed team won the rounds in which they entered. Individually, our girls placed first and third out of 109 archers. In the Canadian Intercollegiate Telegraphic Tournament, we again were the winners.

We came second in the Canadian Intercollegiate Telegraphic Bowling Tournament.

Our intercollegiate athletic activities centered in the Women's Intercollegiate Athletic Union, to which McGill, Toronto, Queen's, McMaster, Guelph and Western belong. This spring, a new Association was founded after a trial basis of 5 years. The newer universities had a League to which the Universities of Windsor, Waterloo, Waterloo Lutheran, York, Carleton, Laurentian, Sir George Williams, Montreal, Ottawa, MacDonald College and the Ryerson Polytechnical Institute belonged. The name of the new association combining both these leagues is "Women's Intercollegiate Two Conference Association" (W.I.T.C.A.). Beside the W.I.A.U. championships there will be W.I.T.C.A. championships, and invitational tournaments will be held. Both these organizations are conducting workshops, clinics and officials' ratings in an effort to improve our programs. Dance and Gymnastics have been introduced as new activities and we hope that in the future, U.W.O. girls will be able to participate in Fencing and Skiing as well. For the first time our women gymnasts participated in a Gymnasium Meet at the University of Waterloo and one of our girls placed third in her event.

The Intramural program has not grown appreciably in numbers of participants but the Women's Athletic Council is presenting new ideas in forming Recreational activities for 1968-69 in addition to the already established co-ed Badminton and Gymnastic Clubs.

During 1967-68, Mrs. Kunkel led the Synchronized Club activities, and Mrs. Berzins organized and taught a Dance Club from which 4 members participated in a dance workshop in Waterloo. Under Mrs. Berzins' guidance and coaching, the co-educational Archery Club has grown into a significant group, as in the past 2 years we have been showing outstanding results in telegraphic tournaments - both men's, women's and mixed teams.

The Women's Athletic Council has been very busy in the organization of Intramural athletics. Competition was offered in 15 different sports in which 533 girls took part. An Officials' Club was organized to provide officials for Intramural competition.

The Lang Trophy (for Intramural competition) was won by Brescia College, followed by Delaware Hall, University College and Westminster College. 31 Intramural Spoons were awarded for outstanding participation in Intramurals. The Intramural sports were co-ordinated by Miss Taylor.

The athletic season was brought to a close with the Women's Athletic Council Banquet held on March 27th, in the Great Hall of Somerville House and attended by over 200 persons. At this banquet, 39 first colors were awarded, 20 girls received championship awards and 5 girls the Bronze "W"s. The last are awarded to girls who have received at least 3 first colors in past years. The highest award in women's athletics is considered to be the White Blanket - awarded for high level and variety of intercollegiate competition and outstanding contribution to women's athletics. This year White Blankets were awarded to Bernice Wilkinson and Jean Richardson. For the greatest contribution to athletics within the University, Jean Richardson was awarded the Jones' Trophy.

The Women's Athletic Council was chaired by Jean Richardson, with Bernice Wilkinson as Vice-President, Diane Townsend as secretary and Sue Whitley as Intramural Manager. The Women's Athletic Council merits great credit for their help in organizing intramurals, and home games and tournaments in Intercollegiate athletics. We are anticipating an even greater role for the Women's Athletic Council in the future as we add to our program an intensified Recreational Program. All of our activity programs required much careful planning and at times considerable sacrifice, due to lack of facilities. This lack appears to be our greatest problem. Nevertheless, we look forward to a still more active and successful year in 1968-69!

STANDINGS IN WOMEN'S INTERCOLLEGIATE ATHLETICS (W.I.A.U.)

<u>SPORT</u>	<u>1957-8</u>	<u>1958-9</u>	<u>1959-60</u>	<u>1960-61</u>	<u>1961-2</u>	<u>1962-3</u>	<u>1963-4</u>	<u>1964-5</u>	<u>1965-6</u>	<u>1966-7</u>	<u>1967-8</u>
Archery (Outdoor)	6th	6th	2nd	5th	champs	2nd	2nd	2nd	2nd	4th	champs
Archery (Indoor)	5th	5th	4th	3rd	champs	2nd	2nd	3rd	champs	2nd	champs
Badminton	4th	5th	4th	5th	4th(tie)	2nd(tie)	3rd	3rd	4th	4th(tie)	3rd
Basketball	champs	champs	champs	3rd(tie)	champs	champs	champs	champs	champs	champs	champs
Swimming	champs	2nd	2nd	champs	3rd	3rd	3rd	champs	2nd	2nd	3rd
Tennis	4th	4th(tie)	4th	4th	4th	4th	5th	5th	-	4th	-
Volleyball	champs	champs	champs	champs	champs	champs	champs	champs (tie)	champs	2nd	2nd
Ice Hockey	-	-	-	-	3rd	3rd	no part.	5th	2nd(tie)	4th	6th
Field Hockey	-	-	-	-	-	-	2nd	2nd	1st(tie)	1st(tie)	2nd
Curling	-	-	-	-	-	-	-	2nd	2nd	2nd	champs
Track & Field	-	-	-	-	-	-	-	-	-	-	3rd

INTERCOLLEGIATE TELEGRAPHIC TOURNAMENTS

	<u>1961-2</u>	<u>1962-3</u>	<u>1963-4</u>	<u>1964-5</u>	<u>1965-6</u>	<u>1966-7</u>	<u>1967-8</u>
Archery (Canadian)	1st	2nd	2nd	2nd	1st	1st	1st
Bowling	10th	11th	5th	6th	4th	3rd	2nd
Track & Field	3rd	2nd	1st	-	-	3rd	3rd
Archery (All-American)	-	-	-	-	-	-	1st

UNIVERSITY ATHLETIC ASSOCIATION

Report of the President

Dr. D. H. Thain

In 1967-68 the athletic program offered did not deviate significantly from that of the last two or three years. A summary of the intercollegiate and intramural programs for the year is presented in the earlier reports of Mrs. Berzins, Mr. Metras and Mr. Decker.

There is much evidence that the overall situation of the athletics is not satisfactory. In fact, as one widely respected faculty member of the Senate sees it, we now face a "crisis in university athletics". In this report I shall outline some of the major causes and aspects of the crisis so that we may concentrate our efforts on solving the problems involved and providing a continuously improving athletic program for the university community.

It is perhaps appropriate to begin by commenting on two basic developments that have affected all university affairs and have caused many changes and problems in the administration of athletics.

Perhaps the most obvious change in university life over the last year or two has been the development of a tight money situation. This has happened because the high and rising need for education has outpaced the ability of the responsible governments to provide funds to the full extent needed. Since the financial binds of the municipal, provincial and federal governments are rooted in basic structural changes in Canadian and Western society it is doubtful that this shortage of funds for education can be relieved in the foreseeable future.

The practical effect of this change in university affairs is that all administrators are under more pressure than ever before to tap all possible sources or funds and to make scarce resources go farther. The resulting central challenge for the Athletic Directorate has been to apply to all activities a tough minded, cost-benefit type analysis keeping in mind the opinions of the student-faculty population and an enlightened concept of the purpose and nature of athletics in a university setting. A central theme of all meetings has been the attempt to make sure that we are allocating resources to the right activities with the right priorities and, to make sure that each allocated dollar is spent efficiently to produce maximum benefit.

The second significant development, arising from substantial increases in the growth, size and complexity of the university; a new spirit of democratic participation for both students and faculty; and, the attempt to rationalize operations is a trend away from administration dominated by personal power exercised in small groups, to administration by what our colleagues in the Faculty of Law would call "due process". This has meant that the university decision-making process has changed - more people and formally constituted administrative bodies are involved, more penetrating and sceptical analysis is focused on problems, the perceived concensus of the university community is a more important influence,

and administrators are more answerable to the constituents for whom they are working. In this process the Senate has become the most important influence center in the university and the Directorate, still reporting in theory to the Board of Governors, has to some extent become less relevant to the formal mainstream of the university's power structure.

It is too soon to judge whether these two developments are good or bad - regardless of their ultimate effects, the operating problems they cause must be solved. These trends- the funds squeeze and increasing democratization and rationalization of athletics - have been reflected in a very real increase in the scope of responsibility and authority of the Athletic Directorate. In addition they have required the re-appraisal of many basic assumptions. There is little doubt that in the meetings of the Directorate this year we spent more time on basic issues than ever before. It is also clear that we raised many questions for which we have not yet found satisfactory answers.

The specific problems and opportunities confronting the Directorate in regard to the "crisis in athletics" can best be summarized under the following headings:

OBJECTIVES, SCOPE AND NATURE OF THE ATHLETIC PROGRAM

Any intelligent attempt to rationalize an activity begins with definition of purpose and objectives. It is clear that there is an unresolved difference of opinion among those involved as to the objectives of an athletic program. Some in the Department of Physical and Health Education (PHE) take the position that the purpose is primarily educational i.e. to teach knowledge, skills and attitudes that are appropriate in a university context. Others, sceptical that an inter-collegiate hockey team practice or an intramural football game for example, can really be justified on educational grounds, contend that athletics should be an integral part of the university program primarily because it enables the student to improve physical fitness, "blow off steam", relax, and participate in enjoyable physical recreation. In addition some intercollegiate teams provide a spectator activity that is important for the entire university community and provides a valuable link with alumni. Those involved in athletics have really only begun systematically to explore what the implications would be of giving priority to either of these two different and, to some extent, conflicting objectives.

In spite of the lack of formal concensus as to purpose, there is substantial agreement among the Directorate members that the major activities in the athletics program should rank in priority as follows:

1. Physical fitness
2. Physical recreation
3. Intramural competition
4. Intercollegiate competition.

The concept of priority for activities indicates a trend to increasing participation and seeking greater benefits in terms of total physical fitness, recreation and educational value. It also means an end to the old policy of using intercollegiate athletics to gain publicity and prestige for the university as described by former president Dr. Sherwood Fox. *

The major operating change agreed upon for the future is that the budget for intercollegiate teams is to be held to small increases as we make a major push to increase the quality and scope of the intramural and physical recreation program.

The practical problems of managing the athletics program require that sports be ranked in priority because there is simply not enough money available to do everything that we would like to and should do. Until we develop more sophisticated and systematic criteria for assigning priority among the many desirable sports that are proposed as additions to the program, we shall have to emphasize the cost of participation per student involved and the relationship of cost to benefits such as participation, physical fitness, educational experience, and other factors. Unfortunately, a number of sports such as skiing, rowing, sailing and the like, that rank relatively low in terms of benefits as compared with other sports, cannot be supported nearly as much as we would like.

Because of the increasing need to justify logically the funds spent on athletics we need much improved methods for evaluating the relative cost-benefit ranking of different sports. We shall have to rely on those with professional knowledge of coaching and athletics administration to help us find better techniques and methods of evaluating the coaching-learning experience, educational value, psychological atmosphere, morale, improvement in knowledge skills and attitudes and last but perhaps not least, won-lost record of the many teams and activities competing for funds in the budget.

It will be of great assistance in the problem if the faculty of the PHE department especially those who are coaches, can make progress in regard to the self-development evaluation, and policing functions that are hallmarks of a professional approach in any field.

Members of the Directorate agree that one of the most serious, unfortunate, and potentially vicious manifestations of the financial squeeze is the attempt to apply the so called "ancillary service concept" to athletics. Under the ancillary service approach athletics would operate as a subordinate service such as a book store or cafeteria. In other words, athletics would constitute a self-contained profit center expected to break-even at worst or make a contribution to general university income at best.

This would saddle the Directorate with the responsibility for running athletics as a money-making, commercial venture in entertainment. Members of the Directorate are unanimously opposed to this idea. We believe that athletics must be part of the university educational program in much the same manner as teaching or the library. In the judgement of the Athletic Directorate, designating athletics to the ancillary service category would be the worst sort of administration by expediency in contradiction of basic principles and common sense which must be observed in the operation of athletics in a university.

* W.S. Fox, Sherwood Fox of Western (Toronto, Burns and MacEachern Ltd., 1964) p.p. 160-161.

BUDGET

In October 1967, as a result of repeated requests, the Board of Governors assigned to the Directorate the responsibility for approving the athletics budget. This change, was, of course, accompanied by the release of full financial information concerning the budget to the Directorate and the university community for the first time. As things developed over the year it became evident that the most contentious and time consuming problem faced by the Directorate was the approval of the budget. Budgeting is never easy and the assumption of responsibility for the budget by the Directorate was complicated by a lack of agreed upon objectives, policies and guidelines to assist in formulating the budget. Those involved were required to spend many hours on this activity and the final approval of the budget dragged on until late in the summer. We still lack a satisfactory, proven budgetary process and until this troublesome problem is solved we cannot claim to be managing athletics as well as we should. Definite action is being taken to attempt to solve this problem in future.

One of the unhappy facts of life about the athletics budget is that we do not have nearly enough funds to support all the sports and activities that could otherwise be justified. In addition we need capital funds amounting to probably over \$3,000,000 for facilities that have been badly needed for over five years. Further comment on this aspect of the crisis will be made later in this report.

ORGANIZATION

Although the Directorate has for many years, been responsible to the Board of Governors for "all university athletic policy" the Directorate tended to spend its time more on operating details than policy making and, for a number of reasons, did not really take on the responsibilities for management and longer range planning. In actual practice this year, with the assignment of added responsibility for budget approval; the Directorate took on a much wider role. As the year progressed, and it became apparent that the old rubber stamp role of the Directorate was being replaced by one that was difficult and time consuming, several members of the Directorate expressed a second thought about having invited the additional responsibility of budget approval. Nevertheless, it is now clear that the new overall responsibility for policy and budgeting involves the following basic functions:

1. To understand the nature and scope of the athletic program for which the Directorate is responsible
2. To appraise its effectiveness (does it include the right activities in the right proportion?) and its efficiency (are these activities being administered and organized so that maximum value is obtained for each dollar spent?) as measured in view of specific criteria for examination.
3. To recommend changes as necessary.
4. To see that the recommended changes are adequately implemented through the budget and organization involved.

Few, if any, members of the Directorate do not have serious reservations about taking on this wider responsibility as described above. It is a troublesome, time-consuming task and members of the Directorate are all fully occupied with other full-time responsibilities. Moreover, this broad and all inclusive concept of the function and responsibilities of the Directorate requires that members must become involved in some very delicate jurisdictional problems in regard to the operation of athletics and the Department of Physical Health Education and Recreation. Because of unavoidable overlaps in the staff of these activities nearly all coaches are placed in the unsatisfactory organizational context of reporting to both Professor L'Heureux and Mr. Metras and working under the general supervision and responsibility of the athletic directorate. From the viewpoint of the Directorate, the formal and informal divisions between PHE and athletics cause many difficult problems for all concerned and is an unfortunate block to the rationalization of athletics. I believe that a penetrating analysis of the overall PHE-athletics relationship points to the conclusion that the many problems of planning and operating athletics cannot be satisfactorily solved until these two spheres are brought into a more satisfactory and co-operative relationship. While the organizational and operating division between PHE and athletics may be real to those involved, it is not recognized by many, if not most, of the students and faculty who perhaps generally assume that PHE and athletics are basically part of the same department. It would appear that a unified approach to problems such as facilities planning, budgeting and administration is necessary in the best long-run interests of both PHE and athletics. One of our objectives must be to resolve this situation with an approach that is clearly marked by goodwill, co-operation and rationality.

Looking at the Directorate's organization problem in perspective, the key question for the future is: What should the function, responsibility and authority of the Directorate be? One concept of the Directorate is that it should perform a watch dog function i.e. it should make sure that the athletics program is operated competently. It is doubtful that this is a workable function because for obvious reasons it puts both the Directorate and those who administer athletics in a difficult, if not impossible relationship.

Another approach might be to ratify the present set-up and continue to have the Directorate responsible for the overall management of athletics. Because of the complexity, scope and requirements of the job, this is really not feasible for the long run. The Directorate would need full time assistance and would inevitably find itself taking on more of the work load and administrative functions of the Director of Athletics. What then should the function, if any, of the Directorate be?

Another basic organizational question is: To whom should the Directorate report? In theory, the Directorate reports to the Board of Governors, but in practice it has, for many years, reported to the president. Since the Senate has become the major power center in the university it is fairly clear that if athletics is to be recognized as an integral part of the university, the Directorate should report to the Senate.

Since these problems have been obvious to all involved for several years and they require a rethinking of the function, responsibility, authority and reporting - perhaps even the existence - of the Directorate, we commissioned a constitution review sub-committee of the Directorate to study the many issues involved and to

make recommendations. We were fortunate to enlist the aid of Professors Yuhasz (chairman), Fairs and Taylor, and Miss Leal. Their report will be presented in the fall of 1968.

STUDENT PARTICIPATION

Another basic issue that we have not satisfactorily resolved is the extent of student participation in the formulation and administration of athletics policies. There is little doubt that all members of the Directorate are sincerely motivated to give the students the best possible athletic program. However with the overall role of the Directorate uncertain, the respective roles of faculty and students on the Directorate are even less clear. As a result, the number of members both faculty, student and total, is most debatable. The major arguments made by the students for more power in the Directorate is apparently based on the following points:

Most of the income for the athletics program is derived from an athletic fee paid by students.

Students know best what students want and need.

Students would learn from the responsibility of managing the program. Any harm to the program from mismanagement would be offset by the benefits of the learning experience involved.

Given the current trends to democratization in university life, for students to push for more control is "doing their own thing".

As might be expected, few faculty members agree completely with all these arguments and advance another point of view which is apparently based on the following points:

The athletics program should be an integral part of the educational program and as such, must be ultimately controlled by the faculty.

The limited number of students who wish to control the program usually do not know what most students want and need.

Student active commitment to the university and service to the program is so short - one or two years - that the administration would lack continuity.

Certain basic agreements, under which intercollegiate athletics work, are made with the permanent governing bodies of the universities involved and not with student organizations.

The student athletic fee is paid to the university and should be treated in principle in same manner as those portions of the students fee that are allocated to library costs, classroom maintenance, etc.

Faculty participation gives the program necessary balance and continuity that would otherwise be lacking.

As I see it there is a certain amount of sense to all the arguments on both sides. Certainly it is understandable why students and faculty perceive the situation as they do. It is also important that the dialogue and tension involved not be terminated because there can be little doubt that the interaction of these counter-vailing powers in a workable equilibrium results in an improvement in the program.

From my viewpoint, student participation has been intelligent, responsible and helpful. It is hoped that students will play an even more active part in the future in suggesting and helping to implement necessary change.

Perhaps even the student members of the Directorate would agree that this is not the time to make any substantial change in the balance of faculty-student power on the Directorate. Because of the many serious current problems related to athletics (especially in regard to the budget and substantial need for capital for new facilities) it would be neither fair to the students or the faculty nor feasible to turn the main responsibility over to students.

FACILITIES

It is fairly obvious that athletic facilities at Western are entirely inadequate. The university has grown - more than doubled - since basic facilities such as Thames Hall were built. Moreover, existing facilities were built for a program that was much more limited in scope than that at present.

Students have clearly indicated that they wish the scope and activities of the program to be considerably enlarged. We must point out that we will not be able to operate the changed and improved program that we visualize beginning next year without additional facilities such as hockey rinks, basketball courts, squash, paddleball and handball courts, etc.

Recognizing that we have neglected to plan adequately for facilities, the Directorate commissioned a facilities planning committee to assess the need for additional facilities and to make recommendations as to what is needed. We were fortunate to obtain the help of Professors Wearing (chairman), Paton, Dresser, Mr. Decker and Mr. Magee in joining this committee. The committee will report in the fall of 1968.

As the reader has probably noted, this report, at least to some extent, departs from the usual approach of statements for the President's Report. It attempts to size up the situation and frankly state the issues and problems involved. As an old Chinese proverb states "the beginning of wisdom is to recognize reality". The first step in solving the problem is to define it and make it legitimate for the organization to discuss its many aspects.

One final point remains. We are convinced that the university has been served well by coaches whose sincerity and desire to be as effective and efficient as possible are of the very highest order. They have worked in a difficult context. They have put in long hours and with an often amazing cordiality, they have co-operated to give the students the best program possible under the circumstances. We are confident that a real team effort will be forthcoming to visualize and implement desirable changes and improvements and to raise standards of administration and performance as necessary to keep pace with the many changes from both inside and outside the university that are affecting athletics.

While these problems are all difficult it is evident from recent meetings of the Directorate that there is both the will and ability to solve them or live with the difficulties involved while progress is made.

The highest priority activities of the Directorate for 1968-69 are as follows:

1. To rationalize the organization of the Directorate following the constitution review study.
2. To rationalize the budget process.
3. To recommend to Senate a logical facilities plan.
4. To assess systematically student participation, needs and wishes in regard to athletics.
5. To assess and to change the program to better serve the needs of the university community.

The operation of the Directorate in 1968-69 must be measured in terms of the progress in defining and solving these problems.

OFFICE OF THE REGISTRAR

Report of the Registrar

Professor J. K. Watson

The Statistical Report for 1967-68, published in August last, contained a detailed analysis of enrolment. This Report will reflect the involvement of my office with the individuals represented by the statistics.

The work of Admissions is the processing of applications for admission to the University, and the chart below demonstrates the 42% increase in the workload of this section of the office since 1965.

<u>Applications for September</u>	<u>1968</u>	<u>1967</u>	<u>1966</u>	<u>1965</u>
Faculty of Arts & Science	8483	6183	6619	5876
Engineering Science	748	605	600	546
Law	655	495	311	278
Medicine	570	467	358	395
Dentistry	204	137	89	
Nursing	221	288	375	336
Summer School	760	690	748	728
Extension & Correspondence	755	710	637	552
Advanced Standing	573	428	416	413
	12,969	10,003	10,153	9,124

The Admissions Officer, Mr. B.G. Browning, is responsible for communicating admission information to the Secondary Schools and prospective students. In the year under review, Mr. Browning spent a total of 40 days away from the University in this work. He was helped immeasurably by Mr. McColl, the Liaison Officer, who included admission information and counselling in his own work with the schools.

The Comparative Table below has been prepared to show the relationship between applications for First Year admission and subsequent enrolment.

<u>Intramural Freshmen</u>	<u>1968</u>	<u>1967</u>	<u>1966</u>	<u>1965</u>
Applications	9374	6945	7340	6542
Enrolment	2608	2097	1979	1742
Ratio Applications/Enrolment	$\frac{4}{1}$	$\frac{3}{1}$	$\frac{4}{1}$	$\frac{4}{1}$

In the interpretation of the above table it should be noted that a common multiple choice application form for all Ontario universities was in effect for the first time for 1968 admission, and that the almost 35% increase in applications in 1968 over 1967 could be explained by the multiple choice factor. In the interpretation of the enrolment increase in 1968 over 1967 it should be noted that

admission requirements were based for the first time on Secondary School reports and recommendations, rather than the previous more stringent standards of external Grade 13 examinations.

I would like to present an additional factor which, in my opinion, bears a relationship to the drop in applications in 1967 from 1966, and the increase in First Year enrolment 1968.

In mid-September 1966 the former Admissions Officer resigned suddenly and unexpectedly, leaving almost immediately, and his replacement was unable to take office until the very late winter. Although the Liaison Officer and faculty members attempted to fill the breach in Secondary School visiting, there is no doubt in my mind that the hiatus in concentrated admission communication with the schools, together with the Senate's delay in determining admission requirements, had a bearing on the almost static 1967 enrolment. I believe also that the efforts of Mr. Browning and Mr. McColl were responsible in no small part for the upsurge in enrolment in September 1968, despite the factor of softened admission from Grade 13.

The Admissions Officer was a member of the Admission Committees of the Faculties and Schools, in itself a demanding and time-consuming responsibility. He also wrote the copy and prepared the layout material for general information booklets published by the Information Service, as well as revising and up-dating Admission brochures.

Between enrolment and graduation of whatever type, the Associate Registrar, Miss M.P. May, deals with the students' academic problems. While the shift to counselling by the academics has been stressed during the six years I have been Registrar, it has proved difficult to convert the student pattern to the change. Hopefully, with the commencement of the new Faculties, and more faculty participation in the formation and understanding of Senate academic policy and regulations, student counselling will be taken over completely by the faculty, and our office relieved of the arduous and often unappreciated function of student interviewing.

The automation of records has proceeded satisfactorily, so much so that we now have a national reputation and have been consulted by many of the other universities. Credit for this is partly due to the understanding of our needs by Mr. W.D. Denton and his staff, but Mrs. E.S. Isaacs' liaison with them and her leadership are chiefly responsible for the University being in the forefront of data-processing of student records.

Registration and Examinations are both mass operations involving total enrolment and months of detailed preparation are necessary for each. Mr. R.W.P. McCutcheon, a graduate student employed part-time for two years, has worked out registration procedures which this year earned us the approbation of the faculty for the first time in history. Mr. R.F. Murray contributed similarly in the conduct of examinations. It was a great satisfaction to the entire staff that the procedures established by Mr. Murray, together with the co-operation of faculty in submitting marks and the involvement of the computer, resulted in the initial release of undergraduate reports a scant five days after the last examination. This is a record not achieved since the early 1920's, I believe, and certainly surpassed most other universities, if not in Canada, at least in Ontario.

Mention must also be made of the technical section of the office, and its outstanding efficiency in dealing with our tremendous mailing, printing and reproduction requirements. The demands of the Senate accelerated enormously during the year, but Mr. Vollbrecht and his staff continued to produce quality without delay or complaint. In addition, Mr. Vollbrecht, the Technical Officer, organized the printing services within the University, so that mass buying of paper and other supplies could be co-ordinated and economies result for the University.

The most productive appointment in the past year has been that of Mr. H.J. VanHunen as statistician. Only through his services has the Office been able to meet the demands for statistical information from the Faculty, Senate, and Government agencies.

DEPARTMENT OF THE DEAN OF MEN

Report of the Dean

Mr. T. L. Hoskin

This report covers student services and other activities in the Department of the Dean of Men during the academic year 1967-68. Student services such as financial aid, placement, off-campus housing, and the reception service for overseas students, are for both men and women, but personal counselling, fraternities, residences in this office are concerned with men only.

The 1967-68 enrolment figures for full-time undergraduate and graduate students in what the Registrar calls 'the whole University' was 8,756, of which 5,508 (62.9%) were men. Sixty per cent of the full-time undergraduates and 87.4% of the graduate students were men.

COUNSELLING

Personal problems are not confined to a particular age group and students are no exception to this. The earlier student problems, academic or personal, are identified the easier it is to prevent student problems from producing problem students. With this in mind, the department has endeavoured to maintain a close liaison with campus and community resources. The Dean of Men wishes to thank the staff of the University Health Services, the Academic Counselling Office, the Registrar, and several academic departments for their co-operation in making and receiving referrals of this kind.

STUDENT FINANCIAL ASSISTANCE

Mr. E. J. McLeod, Awards Officer, reports that 9,679 awards for a total of \$4,701,198 were received by full-time graduates and undergraduates in 1967-68. The awards were in the form of loans, grants, bursaries and scholarships. Table 1 shows an analysis by course, year, and type of award. Table 2 shows an analysis of awards from Ontario Government sources.

There are approximately 214 other sources of aid from non-government sources. The Awards Officer sends annual reports in March to each of the donors indicating the names, courses, and addresses of the holders of their awards. Over 50% of the bursary recipients wrote thank-you letters which were forwarded to the donors with the annual report.

Although the Ontario Student Awards Program provides the largest single contribution to student aid, there is still a definite need for private scholarships and bursaries. A noticeable drop in scholarship money this year, particularly for students in the first year of the faculty of Arts and Science, indicates the need for a review of the present scholarship program at Western.

The number of student applications and awards has increased beyond the rate of the increase in enrolment, and this has been due largely to the Province of Ontario Student Awards Program. While the general picture of student aid continues to be encouraging, the resulting load on the Awards Office has been a heavy one from the standpoint of the staff and space available.

TABLE 2
ANALYSIS OF ONTARIO AWARDS

Name of Award	Men		Women		Total	
	No.	Amount \$	No.	Amount \$	No.	Amount
Ontario Student Awards Program: (Grant Portion) *(Canada Student Loans)	2,617 2,427	1,074,355. 1,314,928.	1,256 1,165	515,625 631,122.	3,873 3,592	1,589,980 1,946,050
**Ontario Graduate Fellowships					329	443,750
Ontario Department of Health	1	1,715	36	61,740	37	63,455
Ontario Hospital Services Commission	1	1,715	25	42,875	26	44,590
Ontario Department of Mental Health	-	-	2	3,430	2	3,430
Ontario Scholarships	81	32,000	115	46,000	196	78,000
Ontario Teaching Awards	170	85,000	133	66,500	303	151,500
Totals	2,870	1,194,785	1,567	736,170	4,766	2,374,705

** Distribution by sex not available at time of printing

* Although Canada Student Loans are incorporated in the Ontario Student Awards Program they are, in fact, supported by the Federal Government. They are, therefore, not included in the totals.

PLACEMENT AND OFF-CAMPUS HOUSING

This is the second year of operation of the Placement and Off-Campus Housing directorate as a combined function. Although there is considerable overlapping in time, this union provides for an efficient use of staff because placement activity is most pronounced during the period October through May, and Off-Campus Housing peaks during the period June to September. The increased work load in the summer months made it necessary to hire a part-time staff member during this peak period to supplement the permanent staff which consists of the Director, a clerk-assistant, a secretary, and a clerk-typist. The following information is taken from the 1967-68 Report of Mr. C. F. Way, Director of Placement and Off-Campus Housing.

OFF-CAMPUS HOUSING

The Off-Campus Housing Service is a listing service aimed at bringing together landlords having accommodation for rent to students and students who wish to rent that accommodation. It assumes no responsibility for the suitability of the accommodation offered, nor does it attempt to recommend specific housing units to students. Up-to-date listing display boards are maintained from which students are free to select accommodation according to their circumstances and tastes. Students are invited to report housing units which they consider completely unsuitable for student occupation, in writing and with specific reasons given. Such complaints are investigated and, if found justified, the accommodation is de-listed.

As in previous years, the listings were obtained by two methods:

- (a) Contact by telephone with landlords who had listed for the previous year;
- (b) New listings volunteered by householders as a result of publicity or advertising.

In the latter connection, a paid advertisement was inserted in the London Free Press in August to solicit more housing and, in addition, there was considerable publicity given to the subject of student housing in the local news media during August and September.

About 3000 brochures describing the functions and operation of the Off-Campus Housing Service were distributed among the various departments to assist them in dealing with housing enquiries, including 2000 for the freshmen counselling program. The Housing Office mailed some 263 brochures to students making written enquiries concerning housing.

Housing operations are divided into three distinct phases and these are set forth with student registrations in the following table:

<u>PHASE 1</u>		<u>PHASE 2</u>		<u>PHASE 3</u>	
April	- 52	August	- 1398	October	- 25
May	- 113	September	- 540	November	- 12
June	- 166			December	- 9
July	- 312		1938	January	- 7
				February	- 8
				March	- 13
	<u>643</u>				
					<u>74</u>

Total Registrations - 2655

As indicated in the above figures, the bulk of the demand for housing occurs during the second phase with the month of August accounting for 53% of all registrations.

Students were requested to register first after which they were provided with instructions on the use of the service, a city street map, and a feed-back information form. They were also advised to use the telephones provided to call their selected listings before going to visit them, thus avoiding unnecessary journeys. Unfortunately, the feed-back information form, which was supposed to be completed by the students when they found suitable accommodation, was found wanting, as a large percentage of the students failed to complete the form. The onus of responsibility, therefore, fell upon the Housing Office and it was necessary to telephone directly the various landlords to determine how many students had been placed in accommodation - an extremely tedious process. In all, it was determined that 2,488 students found accommodation but it can be assumed that the remaining 167 who registered were also successful, even though there was no feed-back information to confirm it.

The following table represents the Off-Campus Housing figures as of October 6, 1967:

	<u>Listed</u>	<u>Rented</u>	<u>Unrented</u>
Apartments	289	246	43
Light Housekeeping	296	256	40
Rooms	584	341	243
Rooms with Board	292	153	139
Houses and Apartments to Share	122	62	60
	<u>1583</u>	<u>1058</u>	<u>525</u>

During the week ending September 23, there was much talk and protest concerning the lack of housing and the "crisis" arising therefrom. Contemporary newspaper reports spoke of "800 homeless students" and there was a great deal of publicity concerning the "tent-in" demonstration which was staged on the weekend. The following figures indicate that the "crisis" was based on false information. Although there may well have been a percentage of housing units which were unsuitable, no specific complaints to support this were lodged with the Housing Office.

<u>Week Ending</u>	<u>Students Registering for Housing</u>	<u>Housing Units Available</u>
Sept. 16th	225	445
Sept. 23rd	124	464
Sept. 30th	21	525
Oct. 6th	13	525

For the first time, Off-Campus housing for summer school students was assumed by the Housing Office: previously it had been handled entirely by the Summer School and Extension Department. In spite of the additional work load it proved to be a very satisfactory arrangement and eliminated confusion for both students and landlords. In addition to the aforementioned, the Off-Campus Housing Service is also available to faculty and staff members.

Placement

A brochure with a tear-off portion on which the addressees could specify their recruiting requirements was mailed to industrial, business and government recruiters in June 1967. Approximately 180 firms and agencies participated in the following program of interviews on this campus:

Engineering and Science	-	November 6 to December 15
Arts and Law	-	January 8 to February 16
Secondary School Teachers	-	February 19 to March 2

A student demonstration against the Vietnam War took place during the visit of the Dow Chemical Company representative. Although the demonstration was peaceful, it was decided that the Dow representative should leave at the end of the first day of interviews and return unheralded at a later date for his remaining interviews. This procedure was followed and there were no further demonstrations.

Non-scheduled placement also provided a substantial number of job opportunities for which our students were invited to apply directly to the employer.

On October 17, 167 candidates wrote the Administrative Trainee and Foreign Service Examinations. Of this number, 45 were called for a further interview from which seven candidates were accepted for appointment and training in the Federal Civil Service.

In conjunction with the School of **Engineering** a special project aimed at arranging summer employment for engineering undergraduates was repeated this year. Unfortunately, the results were disappointing. Only 30 students registered as compared to 60 in the previous year, and there was a response from only two firms; however, it appears that all students who registered did find adequate summer employment.

Efforts were again made this year to improve communications between the Placement Service and the student body. Most departments have assigned a member of their staff to serve as the liaison representative between the Placement Service and the students. All placement liaison officers were provided with weekly

lists of visiting companies and pertinent employment posters and literature. In addition to this means of communication, an advertisement appeared in the Gazette - paid for by the University Students' Council - listing the visiting companies, many of whom also purchased advertising space in the student newspaper. The results of this publicity, although encouraging, did not meet the Placement Service's expectations. It was obvious that some placement liaison officers were more effective than others but the more basic problem appears to be that students do not read signs and notices.

A number of minor improvements are contemplated for next year's operation and action to effect them is now in hand. The most pressing need was to re-design the placement brochure and provide additional information to recruiting firms and to remove ambiguities. This has been done for the 1968-69 academic year. Other steps which require attention are as follows:

- (a) Improvement of literature display shelving in the Placement Library.
- (b) The organization of more effective communications with students.
- (c) A statement of policy and action to be taken in the event of demonstrations similar to those concerning Dow Chemical Company and other firms which occurred last year on other campuses.

Overseas Students

Mr. A. E. D. MacKenzie, Assistant Dean of Men, performed the duties of Foreign Student Advisor and co-ordinator of the program for foreign students. During the academic year 1967-68, 403 foreign students, of whom 250 were graduate students, enrolled at this university. The countries with the largest representation were as follows:

United States	72
United Kingdom	54
Hong Kong	38
West Indies	38
India	35
Taiwan	32

The Overseas Student Reception Committee under the direction of the Assistant Dean of Men was manned by student volunteers and Mr. Gary Rodrigues, a fourth-year student in History, was the Student Chairman.

All overseas students accepted for admission to the University were mailed a pre-addressed postcard which provided the Overseas Student Reception Service with the student's anticipated time of arrival in London. The students are met on arrival and approximately 25 students were accommodated on a temporary basis at Westminster College. Several organizations, such as Friendly Relations with Overseas Students and the University Women's Club have provided valuable assistance in the program for overseas students.

In September 1965, the Foreign Student Welfare Fund was established. Six organizations contributed a total of \$1,000 - the University Students' Council, the Alumni Council, the University of Western Ontario, the Society of Graduate Students, the International Students' Club, and the World University Service of Canada. The purpose of the fund is to assist foreign students who are here on a student visa with a short term emergency loan. In 1965, at the time of the Fund's inception, there were 279 overseas students registered at Western. In the academic year 1967-68 the enrolment increased to 403 and yet the capital of the Fund, \$1,000, has not been increased; in fact, it is less. A further contribution of \$1,000 would assist greatly in making the Foreign Student Welfare Fund an effective source of funds for needy overseas students.

Fraternities

The Dean of Men is Fraternity Adviser to the Interfraternity Council and the following nine Greek-Letter fraternities and societies:

Alpha Kappa Kappa
Beta Sigma Rho
Beta Theta Pi
Delta Upsilon
Kappa Alpha
Phi Delta Theta
Phi Gamma Delta
Sigma Chi
Zeta Psi

All of the chapters, except Kappa Alpha, maintained a record of scholarship well above the all men's average for the university. Alpha Kappa Kappa won the beautiful Northern Life Trophy for the highest record of scholarship in Western's fraternities. Sigma Chi was a close second in this competition.

It is interesting to note that although fraternity men represent only a small proportion of the male students, they distinguished themselves by election to the Senate, winning Gold Medals for Scholarship in Law and Medicine, and giving leadership in many of the fine student organizations on campus.

Once again, the Interfraternity Council, with good representation from the Chapters, participated in the United Appeal, Red Cross and Heart Fund Campaigns. Most of the Chapters also held Christmas Parties for orphans and entertained elder citizens.

Medway Hall

The following were on the staff of Medway Hall in 1967-68:

Warden of Men's Residences:	W. Cameron Henry, Ph.D.
Dons:	Gary Gibson, M.D. Peter Neary, Ph.D. Patrick Whippey, Ph.D.
Secretary:	Mrs. K. Burgess

Also associated with the residence were ten distinguished members of faculty who served as Fellows of Medway Hall.

W. Balderston, Ph.D.	Professor and Chairman, Department of History
J. H. Blackwell, M.Sc., Ph.D.	Professor and Head Department of Applied Mathematics
G. J. Brandt, M.A., LL.B.	Professor, Faculty of Law
T. J. Casaubon, B.A.	Assistant Dean, Althouse College
R. W. Packer M.A., F.R.C.S.	Professor, Department of Geography
E.G. Pleva, M.A., Ph.D.	Professor and Head, Department of Geography
G. L. Reuber, M.A., Ph.D.	Professor and Head, Department of Economics
R. J. Rossiter, D. Phil., D.M.	Dean, Faculty of Graduate Studies
J. A. F. Stevenson, M.D., C.M.	Professor and Head, Department of Physiology
H. B. Stewart, M.D., Ph.D.	Professor and Head, Department of Biochemistry, Faculty of Medicine

Also associated with the residence was an Honorary Residence Fellow:

Brigadier the Honorable Milton Fowler Gregg, V.C., C.B.E., M.C., E.D.	Warden of Medway Hall, 1959-60
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Sydenham Hall

The following were on the staff at Sydenham Hall in 1967-68:

Warden of Men's Residences:	W. Cameron Henry, Ph.D.
Proctor:	Donald R. Miller, Ph.D.
Dons:	James Ellert, B.A., M.A., T. B. Ong, M.D., M.Sc. Ian Pemberton, B.A.
Secretary:	Mrs. G. Spencer

Also associated with the residence were ten distinguished members of faculty who served as Fellows of Sydenham Hall:

A. G. Devenport, M.A., M.A.Sc., Ph.D.	Professor and Director, Boundary Layer Wind Tunnel, Faculty of Engineering Science
J. Havelka, M.A., Ph.D., M.Sc.	Associate Professor Department of Psychology
L. Ignatieff, M.A., Ph.D.	Professor, Department of Russian Studies
A. H. Johnson, M.A. Ph.D., F.R.S.C.	Senior Professor, Department of Philosophy
W. J. L'Heureux, M.A.	Professor and Head, Department of Physical and Health Education
J. G. Rowe, B.D., M.A., Ph.D.	Professor, Department of History Huron College
R. G. E. Murray, M.A., M.D., C.M.	Professor and Head, Department of Bacteriology and Immunology
* R. H. Stinson, Ph.D.	Professor, Department of Zoology
W. A. Thompson, M.B.A.	Associate Dean, School of Business Administration
W. H. Wehlau, A.E., Ph.D.	Professor and Head, Department of Astronomy Director of the Observatories
A. M. Urquhart, O.S.A., A.R.C.A.	Assistant Professor, Department of Fine Arts
* On leave 1967-68	

The applications and other administrative details involved with summer occupancy of these two residences were directed by Mr. R. A. Virtue, Business Manager of Residences, and his staff. During the summer of 1968 209 summer school students, 21 graduate students, and 704 persons in special groups, for a total of 934, were accommodated in Medway Hall and Sydenham Hall.

DEPARTMENT OF THE DEAN OF WOMEN

Report of the Dean

Dr. Leola E. Neal

Although the registration figures are given in detail in the Registrar's report, it is of interest to summarize the data for women. Of the 8,700 full-time intramural students, 3,142 or 36.1% were women. Of these 2,653 were registered in the Constituent University and enrolled in the Faculties and Schools as follows:

2,136 in the Faculty of Arts and Science
7 in the School of Business Administration
1 in the Faculty of Dentistry
2 in the Faculty of Engineering Science
6 in the Faculty of Law
38 in the Faculty of Medicine
169 in the School of Nursing
142 in the Faculty of Graduate Studies
152 in Althouse College of Education

In 1966-67 there were 1,983 full-time undergraduate women students in the Constituent University. This year there were 2,359 such students, or an increase of 15.1%. This compares with increases of 34.3% in 1966-67 and 19.1% in 1965-66.

Of the 1,048 students registered at the Affiliated Colleges, 489 were women. The latter figure is of interest because many of the students are registered for courses in the Constituent University.

STUDENT ACTIVITIES

As in the past many women students have taken an active interest in campus affairs. As well as being good followers, a number of them have served effectively on the councils and the executives of various clubs. Others have enjoyed a combination of hard work and relaxation in the "performing arts" and in publications and athletic activities.

One group, namely the Arts and Science Undergraduate Women's Organization deserves special mention. This group planned and put into effect social events which were designed to help first year students meet one another and find out about Western.

The three Greek-letter organizations and the Pan-Hellenic Council had an interesting year. For some reason or possibly reasons fewer students seem to be interested in sororities but the three groups remain strong units. The total membership was 115, as compared with 138 in 1966-67 and 148 in 1965-66. The quality point academic average for women was 1.626, for men 1.500, and of the 12 sororities and fraternities the women's groups ranked first, fourth and seventh.

Three women students on graduation won prestigious awards. Miss Lynn Gathercole and Mrs. William Sharp (nee Karen Chant) received Woodrow Wilson Fellowships and Miss Sharon Keillor the Athlone Fellowship.

Miss Heather Pooley was selected to represent Western at the WUSC Seminar in Africa during the summer of 1968.

THE RESIDENCES

The housing of students is a major concern of this department and it is exciting indeed to see the new residence complex located at the corner of Western Road and Windermere Road nearing completion. In the 1,600-bed unit there will be accommodation for 300 women students. This means residence accommodation for 846 students or 31.9% of the full-time intramural women registered in the Constituent University. The number of applications for residence accommodation increased markedly and by February 10 a total of 1,521 had been received. Of these 963 were from freshettes and 558 from upper class students. Priority is given to first year students.

Because of the current building program and planning for the future it is a period of great activity and soul-searching. Halls of residence aims, objectives, and policies are almost constantly under review. Let us hope that our high standards will not be lowered or sacrificed for the sake of expediency.

In her second annual report Dr. Helen M. B. Allison, Warden of Delaware Hall, states -

"I have had such a fine staff of Dons and House Seniors this year and have had so much co-operation from everybody involved with the administration of Delaware Hall that this year has been comparatively calm, as compared with our first year in a building still under construction."

Delaware Hall is a busy place both during the academic year and the summer. The winter session began with 459 women in residence. This was slightly over capacity and it was necessary to use guest rooms. Only 4 students withdrew during the year. Most of the students came from Ontario but 14 were from other provinces and other countries. The academic record at Delaware Hall was very good indeed; 6.6% were on the Dean's Honors List and only 2.4% failed the year's work.

There were 93 students in residence at Spencer Hall, one student having withdrawn during the year. The academic record was unfortunately mediocre; only one student was on the Dean's Honors List and 7.5% of the students failed their year. It is difficult to discover the cause or causes of failure but it should be mentioned that the incidence of illness was higher than usual. Delaware Hall, on the other hand, had an excellent health record.

It is a great pleasure to acknowledge the gift of a stereo for the residence from the 1967-68 Spencer Hall Residents' Council. The Council's generosity and thoughtfulness is much appreciated. The Delaware Hall Residents' Council purchased a Gestetner Mimeographing machine to use in preparing the residence paper, D-Tale.

In the period, May to September, at both Delaware Hall and Spencer Hall there were special Groups and Summer School Students. Although a few students stayed at Delaware Hall during the entire summer there were 131 who stayed for a month or more. During July and August there were 54 men at Spencer Hall registered for Summer School courses. At Delaware Hall there were 9 Special Groups. They varied considerably in size and number of days in residence. They were as follows:

May 13 - May 15	Professional Photographers of Canada	205
May 23 - May 26	Electrical Activity of the Heart	103
June 4 - June 9	Press Institute of Canada	17
June 11 - June 23	Nursing Executives Seminar	56
June 18 - June 24	Cdn. Institute for Organization Management	77
July 3 - July 28	Elementary & Secondary School Principals	254
Aug 20 - Aug 25	Heads of Departments	309
Aug 28 - Aug 31	Young Christian Students' Conference	75
Sept 7 - Sept 10	Medical Television Festival	76

The co-ordination and assignment of Special Groups was the responsibility of the Business Manager of Residences, Major R. A. Virtue. We acknowledge his contribution in this area of activity.

COUNSELLING

It is the same story every year. A great deal of my time is devoted to personal counselling. Students came to discuss their many and varied problems. It was often necessary to refer students to others, namely the College Deans, the Faculty Advisors, the Physicians and Counsellors in the University Health Service, the Registrar, the Awards Officer, and the Director of Placement and Housing. Without the co-operation of many people, problems would not have been resolved to the students' satisfaction. The co-operation of all who helped in any way is recognized and appreciated.

A SPECIAL CONTRIBUTION

Membership on various Committees takes up a great deal of time and occasionally the work is more frustrating than rewarding. One Committee deserves special mention. This year Dr. Helen Allison, the Warden of Delaware Hall, was Chairman of the Committee on Inter-Residence Affairs (C.I.R.A.). Monthly meetings were held from October to April, for which Delaware Hall acted as host and supplied the Secretary.

During the year, attendance was good, a complete file of minutes was compiled from borrowed files of members of the Committee, a minute book was set up, and new constitutions were drafted (with the help of Dr. Henry) and approved for both the C.I.R.A. and the Inter-Residence Council, which plans social interrelationship among residences. The representation of residence students on the Bookstore and Food Services Committee was increased to include one representative of men's residences and one of the women's residences.

UNIVERSITY HEALTH SERVICE

Report of the University Physician

Dr. Richard J. Bowen

It is the aim of the department to maintain the work potential at a high level, in order that the students, despite the many pressures of life in general, may achieve success in their work.

During the examination period, the Health Service was open on Saturdays. Upon request the facilities were available for special occasions.

During the first and second semester, the nurse was on duty from 8:00 a.m. to 4:30 p.m., Monday to Friday.

During the same period, a physician was present in the clinic from 10:30 a.m. to 12:30 p.m., Monday to Friday and from 1:30 p.m. to 4:30 p.m. Monday to Friday. Double coverage was instituted in the second semester on Monday and Wednesday mornings.

During the Summer School the nurse was on duty from 1:30 p.m. to 4:30 p.m. five days a week and a physician was available from 12:30 to 1:30 p.m.

GENERAL

Graduate Students

I am pleased to see so many of the graduate students attending the Health Service. These students are year-round patients which leads to greater continuity and completion of treatment. Particular attention has been given to those coming from the Eastern hemisphere. Problems arising from our climate and occidental dietary habits accompanied by possible language barriers cause considerable worry.

The large number of graduate students are year round students, therefore the attendance of this group at the Health Service is also greater throughout the year. The university physician is available for consultation and advice throughout the year.

Students come from all parts of the world thus different types of medical or social problems present themselves.

Communication is somewhat difficult and patience and understanding is required to establish rapport in order that effort put forth is to be of maximum value. It has been found that adjustment for these students is difficult and lowered morale has ensued with consequent lack of achievement.

Physical Examinations

The pre-registration medical examination form increases in informational value. Freshmen have not been examined by the university since it became effective. Transfer students are examined and in this way considerable medical information is made available to the health service.

It is the policy of the Health Service to review all medical examination records and call in those students having conditions needing assessment. Treatment is hereby initiated where indicated, in the hope that finalization of these present conditions may be effected where possible.

Tuberculosis Survey

It has been found that the registration method of skin testing registrants with subsequent x-raying of positive reactors and recent converters, has eliminated, to a vast extent, the possibility of "cases" entering or staying in the university community.

The method carried out at The University of Western Ontario in this regard is true preventative medicine.

Student Insurance

A major change was made in the health insurance. House calls on students are covered in the amount of six dollars.

Double coverage was stopped and proof of medical insurance eliminates the necessity of enrolling in the student plan.

The university physicians agreed "that all monies recovered would be put in a special university fund".

Activities

The student council counselling service have been active in establishing themselves with bodies interested in this type of work with consequent benefit to all.

It was the privilege of The University of Western Ontario to host the annual meeting of the Canadian College Health Association.

Staff

David Sutton was appointed to student counselling staff.

Acknowledgments

The success of the tuberculin survey was directly due to the staff work and arrangements of Mrs. E. Jarvis, Secretary of the Health Service.

The nursing staff under the direction of Mrs. R. Bond have, as usual, turned in a very excellent year.

We are particularly fortunate in having the Administrative Assistant Mr. John S. Barton.

SUMMER SCHOOL

The university physicians are of the opinion that the Health Service is of considerable value to the students attending.

Treatment for acute conditions and also conditions pre-existing is available.

Many students attending summer school are teachers in areas where specialist referral is difficult and time consuming during the teaching year.

Help has been given in many cases in referral to appropriate specialists for the diagnosis of conditions that otherwise might be neglected.

It is also felt that many of these people need supportive treatment and counsel.

COMMENT

A more realistic attitude in regard to medical certificates for lost time has been developed.

It was felt that special inoculation clinics for those contemplating foreign travel were of great value.

It was felt that the student body is maturing. Psychiatric referral was greatly diminished.

The new Health Service facilities have increased the efficiency of the service and double coverage has been very efficacious.

An increase in the number of foreign students applying for landed status is noted.

STUDENT HEALTH SERVICE STATISTICAL SURVEY

<u>Diagnostic Referrals</u>	1967-68
Cardiologist	4
Diagnostic X-ray	274
Treatment X-ray	45
Dermatologist	38
Psychiatrist	7
Psychologist	80
Allergist	9
Internal Medicine	25
Surgical (includes Orthopaedic)	95
Ophthalmologist	31
Otolaryngologist	21
Dental	8
Endocrinologist	3
Urologist	14
Neurologist	6
Gynaecologist	40
Haematologist	15
 <u>Diagnostic Tests</u>	
Paul Bunnell	254
Serology	23
Blood Sugar	6
Schick	3
 <u>Prophylactic Innoculations</u>	
Cold Vaccine	23
Tetanus Toxoid	55
Diphtheria Toxoid	3
Myocricin I.M. Injections	10
Liver Extract	23
Allergenic Material (82 students)	1072
 <u>Active Immunization</u>	
Smallpox (revacc. 476 - primary 5)	481
Typhoid, Paratyphoid (1st. - 323, 2nd. - 325, 3rd. - 273)	921
Tet-Polio	317
TABT (2) - 3 inj. each)	6
Poliomyelitis Vaccine	164

<u>Active Immunization</u> cont'd	1967-68
Cholera Vaccine (82 students)	164
Typhus Vaccine (81 students)	161
<u>House Calls</u>	21
<u>Summer School Students</u>	618
Total Attendance at Health Service (12,076 plus 1,214 at clinics)	13,290
<u>Staff</u>	
Members seen in Health Service	222
The following are NOT included in student totals	
Smallpox	28
Wasserman	2
Tet. Toxoid	16
Liver Injections	10
Tet. Polio	3
T.A.B. 2X3 inj.	- 6
Cholera 2X2 inj.	- 4
Typhus 2X2 inj.	- 4
Polio Vac. 1X2 inj.	- 2
<u>Althouse College</u>	
September 1967 to May 1968	1098
Health Service Visits	1098
Students referred to doctor	50
Visits by Faculty re students	150
Insurance Claims	16
Student Vaccinations	17
Student T.A.B. (3 inj. each)	16
Student Tet. Polio	16

OFFICE OF THE COMPTROLLER

Report of the Comptroller

Mr. R. R. Glover

It is a pleasure to present herewith a review of the financial operations of the University for the year ended 30 June, 1968.

The year 1967-68 was the first year under the Province of Ontario Operating Grants Formula. In accordance with this plan the ordinary maintenance grant to each provincially supported university is determined by the student enrolment, expressed in weighted units, multiplied by the value of the unit assigned by the Province and which is common to all the universities. From this total is deducted the standard fee in the Province for each course. While this new procedure undoubtedly resulted in greater equitability of grants among the universities, it brought, as might have been expected, certain problems in this, the transitional year.

The first problem faced by this University was a shortfall in enrolment as compared to the estimate for 1967-68. This resulted in a decrease in the Provincial grant of approximately \$600,000 below the 1967-68 estimate. Compensating reductions were made in the expense allocations, principally through the removal of unfilled positions.

The next and more significant problem arose when it became apparent during the year that the University's enrolment estimates relating to graduate students had been misinterpreted due largely to the concurrent introduction of a tri-mester plan with one additional semester in 1967-68. The downward adjustment in the Provincial grant to correct this resulted in a further reduction of approximately \$1,294,000.00 below the figure originally indicated to this University.

Thus, in the early months of the year under review, it seemed that the result of the year's operations could not be other than a substantial deficit. However, by a combination of several means - careful control of all items of expense; by the wholehearted co-operation of Deans and Heads of Departments; a material increase in investment revenue; and a substantial increase in revenue arising from the services of the clinical staff of the Faculty of Medicine to the local hospitals; it was possible to end the year with a surprisingly modest deficit of \$64,375.00. Even this would have been improved, had it not been for certain major expenses which had not been foreseen at an earlier date. Details of these extraordinary expenses are stated in the section entitled "Expenses" which follows.

EXPENSES

Expenditures for academic instruction, libraries, and research accounted for the largest part of the University's expenses, totalling \$22,972,660, an increase of \$6,262,096 over 1966-67 and representing approximately 86% of the total of educational and general expense. Administrative expense of \$795,326 remained

unchanged in percentage at 3.0%, and the portion devoted to the operation and maintenance of the physical plant, \$2,110,145 decreased slightly to 7.9%. An extraordinary item of expense which had a significant impact on the year's operations was the cost of improving and operating the parking facilities which amounted to \$316,073. Originally it had been the intention to amortize the capital portion of this expense over a 10 or 20 year period, to be repaid from parking fees. However, because of the deferment of parking fees, it was decided to absorb this expense in the 1967-68 operations. Future parking fees will thereby be relieved of this burden. The other major unbudgeted expenditure was the cost of matching the contributions of staff members to the Retirement Annuity Plan. This change of policy was introduced at the request of the Faculty, after the 1967-68 estimates had been prepared. The additional cost of this benefit was \$397,946, equal to 1.5% of total educational and general expense.

REVENUE

Revenue for educational and general purposes, excluding the ancillary operations, increased by more than 31% to \$27,016,819. Revenue from fees, although greater by \$102,513 than in the previous year, accounted for only 15.8% of the educational and general revenue as compared to 20.4% in 1966-67 thus continuing a trend which has been evident in recent years.

The Province of Ontario maintenance grant, which included funds previously received directly from the Federal Government, reached a total of \$14,959,313, or 55.4% of general and educational revenue. In addition, special grants were received towards the operating expenses of the new Faculty of Dentistry and of the new School of Library and Information Science in the amounts of \$300,000 and \$400,000 respectively.

The City of London continued its generous support by a grant of \$150,000 - one half of which was credited to general revenue and one half to capital funds as in previous years.

Interest revenue on current funds investments was greater by \$218,782 than in the previous year. This substantial increase was due in large part, to the historically high interest rates which prevailed throughout most of the year.

A striking increase in revenue resulted from the closer interdependence of the hospitals and the Faculty of Medicine. The University received more than \$292,778 from the Ontario Hospital Services Commission through the local hospitals towards the salaries of clinical staff in the Faculty of Medicine for services rendered to the hospitals. This was an increase of \$191,766 or 190% above that received in 1966-67. In addition, \$166,827 was recovered for the University's costs in providing laboratory services in Victoria Hospital, an increase of over \$51,000 or almost 45%.

THE NET RESULT OF THE YEAR'S OPERATIONS

The net result of the year, which in retrospect, was one of the most difficult the University has faced, was that which seemed virtually impossible at mid-year - a rather modest deficit of \$64,375, approximately 1/4 of 1% of the operating budget.

Comparative results for the preceding five years are given below:

1966-67	\$58,689	surplus
1965-66	12,429	surplus
1964-65	12,569	surplus
1963-64	46,894	deficit
1962-63	4,077	surplus

Balances totalling \$174,222 in several reserve funds which had served the purposes for which they had been established in prior years and which were no longer required, were credited to the general surplus account. The credit balance in this account after these adjustments, and after the deficit on the current year's operations, was \$215,644.

RESEARCH

The amount expended on research from funds provided by outside sources, increased substantially to \$5,249,235, an increase of more than 35% over the previous year. Comparative totals for the preceding five years are as follows:

1966-67	\$3,873,805
1965-66	3,171,751
1964-65	2,212,883
1963-64	1,990,199
1962-63	1,658,888

The 1967-68 research expenditures were distributed among the various faculties and Schools as is shown in the following table in which is also shown the research expenditure as related to instruction expenditure.

<u>Faculty, School etc.</u>	<u>Total Assisted Research</u>	<u>Percent of Total Research</u>	<u>Percent of Instructional Expenditures</u>
Faculty of Medicine	\$2,267,603	43.2%	106.3%
Faculty of Arts & Science	2,160,845	41.1	28.5
Museums	257,665	4.9	-
School of Business			
Administration	162,815	3.1	23.0
School of Nursing	2,579	.1	1.2
Faculty of Engineering Science	338,247	6.4	46.5
Faculty of Dentistry	3,749	.1	.8
Miscellaneous	55,732	1.1	-
	<u>\$5,249,235</u>	<u>100.0%</u>	<u>33.3%</u>

ANCILLARY ENTERPRISES

The operations reported in this section of the statements are the Food Services, the Residences, the Book Store, the Health Services and Athletics.

All operations of this class are expected to operate on at least a break even basis, and this was achieved in the year under review with the exception of Athletics for which an operating deficit had been budgeted. The deficit for Athletics was \$35,888, and the combined operating surplus for all other ancillary operations was \$16,704, including \$13,934 for the Book Store.

NEW FACULTIES, SCHOOLS ETC.

The School of Library and Information Science enrolled the first class of 45 students in September 1967 and carried on its activities in the temporary building constructed for this purpose. The Faculty of Dentistry added a second year class and continued to occupy temporary quarters in other buildings while the new Faculty of Dentistry building was under construction. Two new academic services were added - the Centre for Radio Science and the Television Council, the latter to co-ordinate all the T.V. Services on campus and to encourage the broader use of this new media in classroom instruction.

ALTHOUSE COLLEGE OF EDUCATION

As this College operates on a somewhat different basis to the University itself, with by far the greatest source of revenue being grants from the Ontario Department of Education, the revenue and expense are not integrated with that of the University, but are shown in a separate statement. In 1967-68 the College continued to increase its enrolment and operated well within the estimates, and ended the year with an operating surplus of \$294,131, approximately 12.5% of the operating budget.

PHYSICAL PLANT

Expansion of the physical facilities continued in 1967-68 with eight projects under construction. Expenditures on capital assets in the year totalled \$8,888,479 of which \$1,846,949 was financed from current funds. The remainder, \$7,041,530 was provided from the following sources:

Ontario Universities' Capital Aid Corporation	\$6,600,455	93.7%
Central Mortgage & Housing Corporation	49,037	.7
The University's own capital funds	392,038	5.6
	<u>\$7,041,530</u>	<u>100.0%</u>

A summary of the building program follows:

<u>Occupied in 1967-68</u>	<u>Estimated Final cost</u>
Temporary Building - Faculty of Engineering Science	\$252,200
Temporary Building - School of Library & Information Science	325,000
Addition to the A.E. Silverwood College of Music Building	30,000

<u>Under construction at 30th June 1968 and Scheduled for completion during 1968-69</u>	<u>Authorized cost</u>
Addition to the R. G. Ivey School of Business Administration	\$2,059,000
Addition to the Josephine Niblett Faculty of Law Building	1,194,706
Faculty of Dentistry	8,430,000
Residence Complex	10,483,535
Addition to Heating Plant	1,035,000
<u>Scheduled for construction beginning in 1968-69</u>	<u>Estimated cost</u>
Weldon Library	\$7,220,000
Observatory	536,612
Staging Building	1,080,290
Addition to the Alexander Charles Spencer Faculty of Engineering Science	5,030,000
Addition to the Kresge School of Nursing	1,300,000

AVERAGE EXPENDITURE PER FULL-TIME STUDENT

The upward trend in the cost of higher education is clearly evident in the following table which relates the total expenditure for operating purposes to the number of full-time students in the constituent university:

	<u>Average expenditure per full-time student</u>		
	<u>Excluding Research</u>	<u>Research only</u>	<u>Total *</u>
1967-68	\$ 2,955	\$ 721	\$ 3,676
1966-67	2,350	577	2,927
1965-66	1,940	547	2,487
1964-65	1,732	426	2,158
1963-64	1,582	428	2,010

* Total Constituent University educational and general expenditures.

CONCLUSION

Now that the transitional year to the formula financing system has been completed, we look forward to a more orderly pattern of Provincial support for operating purposes. The level of support will, however, be limited by the many other demands upon the Province, and there is no doubt that careful scrutiny of all expenditures will be necessary in the years ahead.

COMPARATIVE STATEMENTS OF REVENUE AND EXPENSE

The following statement shows in summary form the distribution of revenue and expense for the year, with comparative amounts for the previous year. Figures for the Althouse College of Education are not consolidated with those of the University, but are shown separately in a following statement.

<u>Revenue</u>	1967-68		1966-67	
	<u>Amount</u>	<u>%</u>	<u>Amount</u>	<u>%</u>
Student Academic Fees	\$ 4,288,092	15.87	\$ 4,185,579	20.36
Gifts for General and Specific Operating Purposes	116,913	.43	134,849	.66
Receipts from Services to Outside Organizations	979,254	3.62	491,266	2.39
Miscellaneous	72,988	.27	28,245	.14
Endowment Income for General Purposes	526,472	1.95	307,690	1.50
<u>Current Government Grants</u>				
(a) General Purposes				
Provincial	14,959,313	55.39	7,861,315	38.25
Federal	-	-	3,509,578	17.07
Municipal, City of London	75,000	.28	75,000	.36
	<u>\$15,034,313</u>	<u>55.67</u>	<u>\$11,445,893</u>	<u>55.68</u>
(b) Specific Purposes				
School of Library & Information Science	400,000	1.48	-	-
Faculty of Dentistry	300,000	1.19	-	-
Scholarships & Bursaries	-	-	86,000	.42
Other	49,552	.10	-	-
	<u>\$ 749,552</u>	<u>2.77</u>	<u>\$ 86,000</u>	<u>.42</u>
<u>Total Government Grants</u>	<u>\$15,783,865</u>	<u>58.44</u>	<u>11,531,893</u>	<u>56.10</u>
Sponsored or Assisted Research Funds	5,249,235	19.42	3,873,805	18.85
<u>Total Ordinary Revenue</u>	<u>\$27,016,819</u>	<u>100.00</u>	<u>\$20,553,327</u>	<u>100.00</u>
<u>Ancillary Enterprises</u>				
Revenue	<u>3,261,033</u>		<u>2,840,768</u>	
<u>Total Revenue</u>	<u>\$30,277,852</u>		<u>\$23,394,095</u>	

<u>Expense</u>	1967-68		1966-67	
	<u>Amount</u>	<u>%</u>	<u>Amount</u>	<u>%</u>
Academic	\$ 15,771,285	59.29	\$ 11,414,192	57.83
Libraries	1,952,140	7.34	1,422,567	7.21
Assisted Research	5,249,235	19.74	3,873,805	19.62
<u>Total Academic, Libraries and Research</u>	<u>\$ 22,972,660</u>	<u>86.37</u>	<u>\$ 16,710,564</u>	<u>84.66</u>
Administration	795,326	2.99	590,239	3.00
Alumni Affairs, etc.	221,746	.83	153,332	.78
Plant Maintenance	2,110,145	7.94	1,669,459	8.46
Scholarships, Bursaries, Prizes	-	-	86,000	.44
Miscellaneous	479,744	1.80	492,310	2.49
Net deficit on Ancillary Enterprises	19,184	.07	33,856	.17
<u>Total Ordinary Expense</u>	<u>\$ 26,598,805</u>	<u>100.00</u>	<u>\$ 19,735,760</u>	<u>100.00</u>
Extraordinary Operating Expense	501,573		758,878	
<u>Ancillary Enterprises</u>				
Expense	3,280,217		2,874,624	
Less net deficit	19,184		33,856	
	<u>\$ 3,261,033</u>		<u>\$ 2,840,768</u>	
<u>Total Expense</u>	<u>\$ 30,361,411</u>		<u>\$ 23,335,406</u>	
<u>Surplus (Deficit) for the year*</u>	<u>\$ (83,559)</u>		<u>\$ 58,689</u>	

* Carried forward

ALTHOUSE COLLEGE OF EDUCATIONCOMPARATIVE STATEMENTS OF REVENUE AND EXPENSE

	1967-68		1966-67	
	<u>Amount</u>	<u>%</u>	<u>Amount</u>	<u>%</u>
<u>Revenue</u>				
Student Academic Fees	\$ 244,073	11.09	\$ 208,375	10.07
Income from Investments	44,602	2.02	-	-
Current Government Grants				
Federal	-	-	123,911	5.99
Provincial	<u>1,913,000</u>	<u>86.89</u>	<u>1,736,000</u>	<u>83.94</u>
<u>Total Revenue</u>	<u>\$ 2,201,675</u>	<u>100.00</u>	<u>\$ 2,068,286</u>	<u>100.00</u>
<u>Expense</u>				
Academic	\$ 1,574,205	82.52	\$ 1,278,574	82.17
Library	<u>85,475</u>	<u>4.48</u>	<u>77,093</u>	<u>4.96</u>
Total Academic & Library	\$ 1,659,680	87.00	\$ 1,355,667	87.13
Administration	127,703	6.69	89,159	5.73
Plant Maintenance	114,352	5.99	105,825	6.80
Miscellaneous	<u>5,809</u>	<u>.32</u>	<u>5,175</u>	<u>.34</u>
<u>Total Expense</u>	<u>\$ 1,907,544</u>	<u>100.00</u>	<u>\$ 1,555,826</u>	<u>100.00</u>
<u>Surplus for the year*</u>	<u>\$ 294,131</u>		<u>\$ 512,460</u>	

* Carried forward

DEPARTMENT OF BUILDINGS AND GROUNDS

Report of the Director of Physical Plant

Mr. John Shortreed

STAFF

The expanding volume of operation of the Department of Buildings and Grounds necessitated further increases in staff which resulted in an average of 338 regular and 32 other employees throughout the year. The regular staff were distributed as follows; Professional and Administration 13, clerical, secretarial and drafting 26, operative 59, maintenance 66, and caretaking 174. The total gross salaries paid all personnel amounted to \$1,900,000.00.

RESERVATIONS

Room and area scheduling for functions other than those included in the regular academic curriculum increased a further 33 1/3% this year to a total of almost 16,000 reservations. Over 3,600 class time-tables for regular term and 1,000 for Summer School were initially set up in the office records. This office again assisted in revising the time-tables throughout the terms to accommodate large numbers of re-arrangements.

TRAFFIC & PARKING

The Board of Governors accepted the Traffic and Parking Report of DeLeuw, Cather and Company of Canada Limited and agreed to adopt the general principles recommended. As a result, approval was given to purchase automatic parking gates and meters, to construct a new student parking lot and to improve the existing lots.

A new student parking lot containing 769 parking spaces, complete with lighting and landscaping was constructed in the Baldwin Flats immediately south of Huron Street. Paving and marking was completed on all existing gravel surface lots, except at the College of Music and behind Alumni Hall. Improved lighting was provided for the Medway and the Stadium lots.

New Traffic and Parking regulations were approved and the issue of permits and gate cards commenced in the fall of 1967. However, strong disagreement with the principles involved, resulted in the President, Dr. D. C. Williams instructing us to maintain the previous system with the exception of retaining a manned gate at the visitors' lot at University College.

A new Traffic and Parking Committee was authorized to be formed under the co-chairmanship of Prof. G. H. Reavely and Dr. E. G. Pleva; being composed of representatives from each college and faculty and non-academic departments of the University, as well as from the University Students Council, Society of Graduate Students, M.B.A. Association, Staff Association and Faculty Association, with terms of reference to produce for approval of the Board of Governors, a new parking scheme acceptable to the whole University community. The Committee was very active from its initial meeting in December, 1967 and

was still working towards an acceptable proposal at the end of the fiscal year. It was hoped that new regulations could be formulated and accepted during the summer for implementation in the fall of 1968.

TELEPHONES

The University Centrex telephone system again expanded considerably, resulting in a 21% increase in the number of sets, to a total of almost 1,300 units, including those at Althouse College of Education which was converted into Centrex for September of 1967. These increases, together with a rate increase by the Bell Telephone Company, brought up the average monthly rental cost at the end of June, 1968 to approximately \$14,650.00.

GENERAL OPERATION

Almost 6,000 purchase requisitions were initiated by the Department during the year; some 10% of which were for capital projects. Materials processed as a result of these requisitions amounted to about a quarter of a million dollars through the Superintendent's stores.

In addition to normal maintenance work, 1,156 projects valued at \$337,000.00 were carried out for other departments within the University. Major alterations to buildings and to grounds by the Department of Buildings and Grounds were completed to a value of almost \$150,000.00. Capital Fund projects of approximately \$10,000,000.00 were co-ordinated by this department.

The Accounting and Payroll sections of the Department were automated and key punching and verifying machines installed, thereby providing more current and exact details on payroll and costing requirements.

EQUIPMENT

A three ton dump truck and a 4 x 4 pick-up were added to the vehicles of the department and an additional heavy snow plough purchased. Due to increases in stores operation, one standard panel truck was replaced by a large walk-in type of delivery van. With acquisition of the above, the major vehicles of the Department of Buildings and Grounds totalled 21 units; consisting of 5 small personnel vans, 9 medium trucks and vans, 4 larger trucks and 3 tractors; 2 of the tractors are rental machines.

ALTERATIONS TO GROUNDS - SERVICES

The work in connection with the re-location of the road, south of Physical Sciences was completed.

Four old houses and a storage shed were demolished on the former Smallman Property at Western and Windermere Road.

Several thousand perennial flower bulbs were planted throughout the campus, in the fall of 1967.

During the winter, over 225 evergreen trees were re-located around the campus. Some 350 trees that were damaged by the ice storm in January were

removed either wholly or in part, as necessary. Approximately 300 elms, which were infected by Dutch elm disease were cut down and destroyed. Walks were constructed on the east side of the road from Delaware Hall to the Middlesex College lower parking lot, and also up the hill through the woods, to provide easy access to Middlesex College from Delaware Hall.

A contract was let to the City Works Department for the installation of a sidewalk along the east side of Western Road extending from the main campus entrance at the Engineering Sciences Building to opposite Althouse College of Education.

A continuing program for the conversion of the existing street lighting to mercury vapour lamps was commenced.

ALTERATIONS TO BUILDINGS

Modernizing of the electrical sub-station at University College, to meet H.E.P.C. regulations, was completed.

Alterations were carried out throughout the campus to provide temporary accommodation for the Faculty and staff members of Dental Sciences, the Library and other departments. Sixteen graduate student carrels for the Department of Geography were constructed in the fourth floor storage space in Middlesex College.

As originally planned, the circuitry for installation of Gamewell Fire Alarm Boxes was essentially completed. Approximately 70% of the University buildings are now connected to this system which provides a direct fire alarm circuit to the City Central Fire Hall. The program of connecting the other buildings will be continued next year.

Work was commenced on the conversion of the cloakroom area, on the lower floor of Natural Sciences Building, into offices for Television Services.

Major alterations on the third floor of University College provided for the re-location of the Department of Journalism from Thames Hall.

A further extension to the air conditioning system was accomplished in the Physical Sciences Building by installations in the south section of the second floor. Approximately 50% of the building is now air conditioned.

A practice organ room was built at the College of Music, utilizing former office space.

Minor renovations were made to the Labatt Greenhouse, which is leased to the University.

Work was commenced on extending chilled water lines to Biological and Geological Sciences Building to serve special air conditioning equipment.

NEW CONSTRUCTION

The attached chart indicates the progress made on the Capital Funds Program. During the 1967-68 fiscal year, the expenditures on this program totalled

\$8,888,479.00 for capital assets.

Observatory

Construction commenced on the new Observatory near Elginfield, which is expected to be in operation in the spring of 1969.

Dental Sciences

Partial occupancy of the Dental Sciences Building was obtained in the early Summer of 1968, with completion anticipated in the fall.

Business School Addition

Delays in construction resulted in the protraction of the work involved in the addition to the School of Business. It is not anticipated that occupancy will take place before November, 1968.

Library and Information Science - Bio-Engineering

The temporary buildings for the Department of Library and Information Sciences and for Bio-Engineering, commenced in the spring of 1967, were completed and occupied.

Student Housing

Tenders were awarded by the Ontario Student Housing Commission and construction commenced on a student housing complex, located in the Medway Flats, west of Western Road and south of Windermere Road, covering some 12 acres of a 30 acre site.

The entire project will consist of 1,200 beds for single students, made up of one and two bed units and 400 self-contained apartments for married students. Of the single student beds, approximately 300 will be for women students.

The single students will be housed in a 14 storey structure. One bedroom apartments will be contained in a separate ten storey tower for married couples. Two bedroom accommodations for married students with children are located in two additional buildings taking the form of 3 storey back-to-back walk-up apartments.

Study rooms, lounges and playrooms are incorporated in the structures.

Parking will be provided for 800 cars.

Faculty of Law Addition

In the fall of 1967, approval was received from the Board of Governors and a contract awarded for the construction of a new wing for the Josephine Spencer Niblett Building, for the Faculty of Law, with a scheduled completion date of September 1968.

The addition, which will be joined to the north and west sides of the present building will allow an increase of over 86% in freshman enrolment. Plans include; two classrooms, staff and faculty lounges, 2 common rooms and three student offices. Library space, reading space and stack space in the Law Library will be increased by 50% to house a total of 150,000 volumes. Additional administrative space will be provided for the Moot Court and Advocacy Program and for the office of the Law Review and the Legal Society.

Library

The Board of Governors approved the architect's design for a proposed new library building and an application was made to the Department of University Affairs for approval. When constructed, the building will be located on the site of the present Somerville House parking lot.

The building will be the largest on campus with a total floor area of 237,093 sq.ft. The design calls for the use of poured, striated concrete for facings, departing from the present traditional sandstone. The proposed rough-textured finish is designed to blend and harmonize with the existing campus buildings.

One of the features of the design is the possibility for future expansion.

The structure will consist of five stories, plus a mezzanine level. It will eventually contain about 1,000,000 volumes and provide 2,000 study spaces.

Completion is expected before the end of 1970.

Heating Plant Addition

A contract was let for an expansion to the Central Heating Plant of the University by an 85' x 60' addition, which will be attached to the south side of the present Boiler House.

The structure will house a new fully automatic oil-fired boiler which will produce 100,000 pounds of steam per hour, increasing the total plant capacity to 230,000 lbs/hr. allowing for the provision of steam to the University Hospital. Space is provided for a future boiler. Provision is also made for future additions to the building.

FUTURE PLANNING

Nursing School Addition

The Board of Governors requested approval in principle from the Ontario Department of University Affairs, for an expansion to the Kresge School of Nursing Building.

The proposed addition, to be built on the north side of the present building, will contain a nursing demonstration room, seminar rooms, faculty offices and library and reading room space, adding 30,000 sq.ft. to the present facilities.

The structure is expected to have an eight storey tower.

Engineering Science Addition

Preliminary approval was requested from the Department of University Affairs for a major addition to the Engineering Science Building.

The proposed addition would be a four floor structure which will triple the existing space. In approximately 75,000 sq.ft. of assignable space there will be 3,600 sq.ft. of faculty and student offices and study space, 5,000 sq.ft. for a Conference Centre, including a lecture theatre and lounge; a further area of almost the same size for two lecture rooms, four seminar rooms, two design rooms and two problem rooms; 4,000 sq.ft. for a 14,000 volume library, 8,700 sq.ft. for workshops and 3,900 sq.ft. of laboratory space to be used mainly for research. A new entrance on the east side of the addition will provide direct access to a 200 seat auditorium.

The building will use the traditional exterior materials to produce a "modified collegiate gothic" appearance. The plan allows for a very flexible structure.

Astronomy

Plans were made to build a structure which would join the two houses at 1383 and 1389 Western Road, presently occupied by the Departments of Psychology and Astronomy. The structure will provide additional temporary space for Astronomy.

Staging Building

Detailed planning was essentially completed for the construction of a Staging Building, to provide temporary accommodations for departments on short term basis. It is anticipated that the building will be located north of Delaware Hall.

The building will be a two-storey structure of some 40,600 sq.ft. gross area. It will be steel design similar to those for Library and Information Science and Bio-Engineering.

Tenders are expected to be called during the summer and occupancy made possible by the early summer of 1969. The first temporary occupants will be the Departments of Psychology, Computer Science, Botany and Zoology.

Steam Distribution System

An extension to the present central steam distribution system was approved. Underground steam and condensate mains will be installed in a new Service Tunnel from the Central Heating Plant through the campus, to the Health Sciences Centre. The extended system will serve the proposed new Library and other future buildings along the westerly side of the campus, as well as the Dental Science Building and the University Hospital.

CONTINUED CAPITAL PROGRAM

THE DEPARTMENT OF BUILDINGS & GROUNDS PROGRESS REPORT FOR 1967-1968

PROJECT	APPROPRIATIONS (IN MILLIONS OF DOLLARS)		A	B	C	D	E
	CAPITAL PROGRAM	ESTABLISHED APPROPRIATION	PRELIM. DISCUSS	PRELIMINARY PLANS	DETAIL WORKING DRAWINGS	CONSTR	FURNISHINGS
15 GRADUATE COLLEGE	3.300						
16 WOMEN'S P.H.R.E. BUILDING	2.600						
17 OBSERVATORY	.500	.560					
18 1200 BED RESIDENCE 400 APARTMENTS	2.500	1.941 PART OF 10.500			BY OTHERS		
19 BUSINESS SCHOOL ADDITION	2.100	2.059					
20 ENGINEERING SCIENCE ADD.	5.040						
21 UNIVERSITY COLLEGE ADD.	1.042	.883					
22 LAWSON LIBRARY ALT.	.450						
23 ELECTRICAL SERVICES	.275	.310					
24 RECREATIONAL FACILITIES	.125						
25 DENTAL BUILDING	8.430	8.430					
26 STEVENSON HALL ADD.	.794	.794					
27 LAW SCHOOL ADDITION	1.125	1.194					
28 NEW MAIN LIBRARY WE20	7.700	7.220					
29 HEATING PLANT AND DISTRIBUTION ADD.	.988	.988					
30 LIBRARY SCI. TEMP.	.325						
31 BIO-ENGINEERING TEMP.	.252						
32 STAGING COMPLEX	1.200	1.080					
33 RADIO OBSERVATORY	.030	.040					
34 SCHOOL OF NURSING ADD.	1.300						
35 ADD. TO 1383-1389 WESTERN RD.	.025	.025					

LEGEND

PREVIOUS YEARS	1962 - 63	1963 - 64	1964 - 65	1965 - 66	1966 - 67	1967 - 68

A. PRELIMINARY DISCUSSIONS — including committee work and preparation of a project planning guide.
 B. PRELIMINARY PLANS — showing functional layout to the approval of the departments concerned and the board.
 C. DETAIL WORKING DRAWINGS — information for and in liason with the architect and engineers up to and including the reception and assessment of tenders.
 D. CONSTRUCTION — control and approval of payments.
 E. FURNISHINGS — layout, design and purchase of furnishings and equipment in consultation with departments; to include all installations.

ALUMNI ASSOCIATION

Report of the President

Dr. J. H. Walters

This has been a year of firsts for the University of Western Ontario Alumni Association. As President of some 25,000 Alumni it was my honor to be the representative at many of these inaugural events.

The year of "firsts" started with the installation of our new President and Vice-Chancellor D. Carlton Williams on September 23, 1967. We were proud to be a part in this new era in Western's history. With a new University Act, a new and very academic Senate and a new constitution for the Alumni Association it was a year of reorganization and a new look to the future.

Under the regulations of the new constitution and University Act the Alumni Association is permitted to nominate a representative from the Alumni Council who may be approved by the Senate as one of the representatives of the Alumni Association. As this first representative on the new Senate I was fortunate to observe the careful planning and detailed committee work culminating in a new Senate based on a broad academic representation. Under the supervision of senior academic staff and administrative personnel the responsibilities and committee structures were spelled out and accepted. Almost the entire year was spent in this formulation of rules of order which has resulted in an excellent Senate representing all groups on our campus.

A new body, the Assembly, held its first meeting with representatives from the Alumni Association, Students, Senate, Board of Governors, as well as the community at large. In the future this body will serve as a mechanism for interchange of ideas and we were pleased to be a part of its initial meeting.

In February, President Williams appointed a "President Committee of Inquiry into Social Behavior". This caused some deep "soul searching", discussion of philosophy, responsibility, and morals among many groups on the campus, including the Alumni Council. The brief we submitted, after a full council discussion of the matter, reflected the views of the majority of the Alumni of The University of Western Ontario. In the hearing itself, the defence of these principles, which we had outlined, was well received. Although the Council view was not reflected in the report of the Committee, in general there was agreement that it would serve as a model for other Universities in the future and was a milestone in this University's life.

In March 1968, the Constitution of the Alumni Association was modified and ratified to conform to the new University Act. The mechanism of election of a representative to the Board of Governors plus the aforementioned appointment and nomination of representatives to the Senate, were the main points requiring change.

Several years ago, a special committee of the Alumni Association was appointed to tour American universities in an inquiry into the structure of the Alumni Associations and their relationship with the Universities.

The report from this committee was sent to the Board of Governors. Over the ensuing years, the recommendations made by this committee that the Alumni Association be set-up on a basis of a part of the University structure rather than an independent structure was accepted. The further recommendations of this committee that modernization of the record keeping be instituted, with taped records of all Alumni files, that an Information Officer be appointed for the University who would assist the President and also improve the publications from the Alumni and the University stand-point, that a Development Fund Department in the University under a full-time Director be established, that an Academic Vice-President or Provost be appointed, have gradually come to fruition. One of the other suggestions of this committee was a recommendation that the Alumni Clubs be strengthened by inviting the executive of these Clubs and their wives to the University annually for a conference at the time of Convocation. With the Co-operation of the Board of Governors, the Chancellor and the President, this plan was instituted this year and a most productive week-end was held at the time of Convocation with representatives from eleven alumni clubs. Discussions concerning the future of Western, the problem of student power, the role of the Alumni Association in the University, were discussed in informal groups and the "talk in" concept was most successful in reactivating the spirit of Western throughout the Province. This reactivation we feel will be reflected in greater support for Western in the future and greater understanding by Alumni of the problems currently being encountered.

One of the outstanding events of the year was the reception and dinner held in honor of Colonel Weldon who had retired as Chairman of the Board of Governors after many years of diligent service. Colonel Weldon was most appreciative of his installation as an honorary member of the Alumni Association. Similar receptions and presentations will be continued in the future. This fall, President Williams will be introduced to the Alumni at large, at a reception and dinner sponsored by the Alumni Association.

A fund in memory of former President Sherwood Fox has been initiated by the Alumni Association and will be part of the Alumni Giving Fund Campaign. An organ, to be installed in Alumni Hall, will be a fitting memorial to a great President, and will contribute greatly to the needs of our Faculty of Music.

Other activities of the Alumni Association were outstanding successes. The exhibition of Anna Baker's Art, the first Alumna to have such a show at Western, ran from March 29th to April 7th and from the attendance and critical reviews was an outstanding success. The Great Artists Series in Alumni Hall presented artists and orchestras to enthusiastic audiences of students, faculty and public at large. This Series has been established as a permanent part of the Alumni Association activities on an annual basis.

I would like to pay special tribute to Mr. George Hartwell who retired early due to health reasons. Over the past years he contributed greatly to the success of the present Alumni Association and we are indeed sorry that he found it necessary to retire. We can reassure his many friends, however, that the University has been generous of its support in his retirement.

The Secretariat of the Alumni Association have borne the bulk of the work this year as in the past. The efficient functioning of the whole organization, under the leadership of Mr. Campbell McDonald has lightened the load for each hard working member of Council. To all who helped this transition period, may I express my deepest appreciation.

MUSEUM OF INDIAN ARCHAEOLOGY AND PIONEER LIFE

Report of the Curator

Dr. Wilfrid Jury

In 1968 we continued to reconstruct the Naval and Military Establishments at Penetanguishene, keep a guiding hand on the administration of the Jesuit fort, Ste. Marie Among the Hurons, near Midland, supervise the reconstructed Huron Indian Village in Little Lake Park, Midland and provide a helping hand to the Pioneer Village in Fanshawe Park.

The archaeological displays in Middlesex College are altered periodically. The gun and sword collections continue to expand, attracting the attention of the University students as well as visitors to the University. They show a keen interest in the artifacts and model displays.

This is the second year that we have been in charge of the reconstruction of the Penetanguishene Naval and Military Establishments, a project sponsored by the Ontario Department of Tourism and Information. Fifteen buildings were erected, roadways built, two hulls of old boats were moved from the Military area to a location opposite the site of the launching slip. Many other features were developed and extensive research carried on.

The reconstruction of the three major sites in the Midland-Penetanguishene district have attracted hundreds of thousands of supervised school children and thousands of tourists.

The staff of this department consists of the Curator, Mrs. Elsie Jury, Research Director, Miss Marlene Lindstrom, Research Assistant and one secretary. The construction crew of twenty-four workmen is made up of carpenters, stone-masons and labourers. During the summer months twenty-two University students were employed as guides.

JOINT McINTOSH COMMITTEE

Report of the Secretary

Mr. B. E. Smith

Mr. James Boyd succeeded Mr. Gerald Trottier as Resident Artist in July 1967. The University was indeed fortunate in obtaining Mr. Boyd who is noted for his work in printing and sculpturing. He has had exhibitions in several cities across Canada (including Expo 1967), as well as in the United States, South America, Japan, South Africa, England and Switzerland. He received awards in British Columbia, Alberta, Chile, and Switzerland. In Chile he was named the best Foreign Artist in the second international exhibitions of prints.

Mr. Trottier joined the CBC in Ottawa as a director in the field of color presentations where his talents will be used to give the best possible effects within the limit of available equipment.

Mr. Boyd arranged an interesting schedule of exhibitions in an attempt to show the contrasts in art over the past one hundred years. A great deal of the McIntosh Collection was featured, as well as the works of artists both from within and beyond the London district.

Included in the fall exhibitions were Karkutt (contemporary, photography), Richmond (early works of the McIntosh Collection), the Ontario Centennial Art Exhibition (held in conjunction with the 20/20 Gallery and the London Art Gallery), a special centennial project - "Young Painters" (Fisher, Bolduc, Downing, MacGregor), and Sam Zack's Collection of contemporary Canadian Art.

Featured in the spring and summer were Rauschenberg (paintings), Markle (drawings), Baxter (prints from the McIntosh Collection), posters by contemporary painters, the 1967 Canadian Graphic Art Exhibition, student drawings, the Acquisitions Committee show of works selected from Toronto and Montreal, and a rotating selection of drawings from the University's own collection.

The Resident Artist continued his extensive activities on campus for the benefit of students, faculty, and the community at large. A weekly sketch club with nude models was held for students, as well as life drawing and printmaking classes for the Extension Department in the evenings. An open-door policy was maintained at the Gallery and many talks on current exhibitions were given to visiting student groups and others. In addition, Mr. Boyd gave freely of his time in talking with students and faculty visiting the Gallery.

Mr. Boyd was an advisor to the Alumni Art Collection, and to the University Art Committee on which he acted as chairman for its Art Acquisitions Committee. He also served on the executive of the 20/20 Gallery in London.

In the year 1967-68, the Joint McIntosh Committee awarded prizes totalling \$750.00 in Business Administration, \$750.00 in Geography, and \$850.00 in Public Speaking, the prizes for the latter activity being awarded to the students with highest standing in each of the sections of Speech 39.

For the promotion of music on campus, the following grants were made: \$148.58 to the U.W.O. Concert Band, \$298.20 to the U.W.O. Choir, and \$500.00 to the College of Music for the purchase of books and music for its library.

Many valuable acquisitions were obtained for the University art collections. The McIntosh Collection (European and Canadian drawings) gained six small drawings, "Le Paradis Perdu" by Gravelot (\$550.00), and one ink drawing, "United XXI" by Meredith (\$185.00).

The following works were also acquired for the University Art Collection (Canadian Painting):

- (a) from a special centennial grant from the Province of Ontario Centennial Commission -
 - Tom Seniw - Study "C" - drawing,
 - David Bolduc - Night Driving No. 5 - oil,
 - Robert Downing - Cube Turned Inside Out - sculpture and acrylic,
 - John McGregor - Interplanetary Voyage - drawing.
- (b) from a special \$5,000 appropriation by the Board of Governors -
 - David Milne - "Jesus in the House of Mary and Martha" water color - \$2,337.50
 - Dennis Burton - "Social Comment - Newark, N.J." oil painting - \$750.00
 - Dennis Jones - "Flag Painting No. 1" oil painting - \$500.00.

In addition, the Ontario Centennial Commission has stated it will donate four works by Santbergan (prints), Bolduc (acrylic on canvas), and Zelenak (sculpture) - after the Exhibit finishes its current tour.

During the year, the Resident Artist progressed the inventory and cataloguing as time permitted. Much remains to be done, however, before it will be possible to lend out paintings for hanging in appropriate locations throughout the University.

Recommendations were made for improving the care and storage of works of art and a submission was prepared for presentation to the Senate Committee on Operational Planning on expansion and modernization of the Gallery over the next five years.

The Alumni Association purchased the following works of art for the Collection thus entitling the Gallery to a grant of \$1,000.00 from the Board of Governors for the purchase of additional pictures:

"GEMINI"

Brian Fisher - - 1968 - - 48" x 84" - - - \$990.00

"MUSEUM SHIP"

E. J. Hughes - - 1968 - - 25" x 30" - - - \$1,100.00

"SIDE THRUST"

Jules Olitski - - 1968 - - 42" x 101" - - - \$3,500.00

PRESIDENT'S MEDALS

Report of the Committee Chairman

Professor R. G. N. Bates

The President's Medals have been awarded since 1951 to complement the Governor General's awards for literature by giving recognition to periodical publication. They are awarded to the best works submitted in four categories: poem, short story, scholarly article, general article. To be eligible a work must be by a citizen or resident of Canada and must have been published in Canada in the preceding calendar year. The entries are judged by special committees drawn from the faculty of the University. A cash award of \$100.00 accompanies each medal, an innovation instituted last year.

The winners in 1968 are:

Single poem:

Michael Ondaatje, "Paris" published in Tamarack Review.
(Judges: M. Brown, G. Parker)

Short story:

Clark L. Blaise, "The Mayor"
(Judges: M. Smith, D. Newman)

Scholarly article:

Ramsay Cook, "French Canadian interpretations of
Canadian History."
(Judges: T. Collins, J. Gwynne-Timothy)

General article:

Hugh Hood, "It's a Small World."
(Judges: P. Linden, R. Wilson)

This year the winners have been invited to the University to give a paper or a reading. These public meetings are co-sponsored by the London Branch of the Humanities Association of Canada. Though Mr. Hood was unable to accept the invitation, the other three have. Mr. Ondaatje gave a poetry reading on November 1. Mr. Blaise is to come January 11, and Professor Cook, February 7.

CANADIAN OFFICERS' TRAINING CORPS

Report of the Commanding Officer

Lt.Col. G. F. Chess, C.D.

This has been a year of change. Lt.Col. J. H. Blackwell, E.D. retired and Lt.Col. G. F. Chess, C.D. was promoted and assumed command; Maj. J.A. Fulford was promoted and appointed Second-in-Command; and finally, a former cadet on the Contingent, Capt. D. A. Dawson was appointed Captain and Adjutant.

By far the biggest change came when the Minister of National Defence announced that for reasons of economy, all University Reserve Units were to be disbanded and the U.W.O. Contingent COTC was reduced to nil strength on the 31 May 1968, after a life span of 53 years and two World Wars. Cadets then in COTC were allowed to complete the practical phase training. The step, although perhaps necessary, is regretted by many and only subsequent events will show the merit of the decision.

A new plan, the Reserve Officer University Training Plan, which has no connection with the Universities other than the fact that the officer candidates must be University students, has been initiated to provide the Reserves with university trained officers. To enter the plan, a candidate must first join a Reserve unit. Members of the Naval and Air Reserves will receive two summers of training, the Militia, only one. Again, only time will show the merit of the plan.

NOTABLE AWARDS

The Honorary Colonel, Major-General A.C. Spencer C.B.E., E.D., C.D. was awarded the Second Clasp to the Canadian Forces Decoration (C.D.). This in itself is noteworthy but when one adds to this the Canadian Efficiency Decoration (E.D.), the total service is 52 years and that is particularly noteworthy.

SPECIAL EVENTS

February 1, 1968	Dinner Dance, Waterloo
February 9, 1968	Military Ball, London
February 16, 1968	Mess Dinner, Windsor
March 22-24, 1968	Final Contingent Concentration
March 23, 1968	Final Contingent Mess Dinner
April 18, 1968	Reception for Past and Present Commanding Officers by The Honorary Colonel.

NEW BADGE

It is indeed regretted that the design for a new badge for the Contingent, which was approved by the Commanding Officer in April 1965, has not yet received Royal approval. In spite of a considerable volume of (one-sided) correspondence, it has been impossible to extract a progress report from Canadian Forces Headquarters. Although it is suspected that the matter has been a dead

issue in Ottawa for some time and was never submitted for Royal approval, it would be of historical interest to know what actually transpired.

CONTINGENT STRENGTH

There was no new intake of COTC cadets this year. The total strength as of the 31st May 1968 was:

	<u>London</u>	<u>Waterloo</u>	<u>Windsor</u>	<u>Total</u>
Contingent Officers	3	2	2	7
COTC	5	7	1	13
ROTP (land)	7	6	6	19
ROTP (sea)	3	-	-	3
MOTP (medical)	1	-	-	1
RSO	1	-	-	1
	<u>20</u>	<u>15</u>	<u>9</u>	<u>44</u>

CONTINGENT STAFF 1967-68

Honorary Colonel	Maj. Gen. A.C. Spencer, C.B.E., E.D., C.D.	
Commanding Officer	Lt.Col. G. F. Chess, C.D.	RCEME
Second-in-Command	Maj. J. A. Fulford	COTC
Adjutant	Capt. D. A. Dawson	RCOC
OC Waterloo Det.	Maj. J. M. Clark, C.D.	COTC
21/C Waterloo Det.	Capt. J. M. Ryan, C.D.	RCAMC
OC Windsor Det.	Maj. D. A. Deneau, C.D.	RCAC
21/C Windsor Det.	Capt. G.A. Mascaro, C.D.	RCAC
Resident Staff Officer	Capt. C. F. Allen, C.D.	RCA
Clerk	W.O. G.E. Jones, C.D.	CWAC

THE WESTERN ONTARIO SECONDARY SCHOOLS' ASSOCIATION

Report of the Secretary

Mr. Harvey A. Stewart

On December 11, 1968, W.O.S.S.A. will have attained its 48th birthday. It was the pioneer organization of its kind in Canada, and today it is one of fifteen such Associations in Ontario that are federated to form O.F.S.A.A. (Ontario Federation of School Athletic Associations), with headquarters at 559 Jarvis Street, Toronto, 5.

Eight of Canada's ten provinces have launched upon similar organizational plans for secondary school athletics, and the remaining two have "left the door unlatched".

W.O.S.S.A. now serves approximately 44,000 students in 53 Secondary Schools, and the numbers increase each year. With the establishment of county school boards, we may see slight changes in the present Association boundaries --- we may lose one school, and acquire three others.

During 1967-1968 W.O.S.S.A. purchased and distributed about \$1,000.00 worth of awards (pennants, crests, medals, cups, arm bars) to the winners of the various Association playoffs and tournaments.

The W.O.S.S.A. Board of Directors comprises 17 members (coaches, principals) drawn from the five Conferences, plus the Secretary-Treasurer, and meets at least twice each year.

Schools are classified on the basis of number of students enrolled; "AA" schools have enrolments of 751 and over; "A" schools have enrolments of 750 or under. This enables smaller schools to compete amongst themselves in W.O.S.S.A. "A" tournaments, even though they compete with larger "AA" schools in their own Conference schedules.

This year (1968) golf has been added as a W.O.S.S.A. activity for boys; other established activities are badminton, basketball, cross country run, curling, gymnastics, hockey, soccer, swimming, tennis, track and field, volleyball, wrestling. Football is confined to conferences only.

W.O.S.S.A. continues to have very amicable relations with the University of Western Ontario, and we deeply appreciate the availability of Thames Hall gymnasium, swimming pool, the Tower Room, stadium with track and equipment, for W.O.S.S.A. and Conference playoff activities, Directors Meetings, etc..

THE OFFICERS ELECTED FOR 1968-1969 ARE:

Past President:

Mr. Fred Kennedy, Catholic Central High School.

Vice-President:

Mr. Archie Fletcher, Principal, District High School, Mitchell.

President:

Mr. Tommy White, St. Thomas, Athletic Director of St. Joseph's High School

Secretary-Treasurer:

Mr. H. A. Stewart,
510 Princess Avenue, London.

APPENDIX A

STAFF CHANGES

Department of Physical & Health Education

U. R. Palmer	Instructor
G. Smith	Lecturer

Department of Sociology

H. Y. Kim	Lecturer
C. E. Nobbe	Lecturer
E. Pryor	Assistant Professor
L. O. Stone	Assistant Professor

Promotions (July 1, 1967, unless otherwise stated)Department of Economics

R. Bodkin	Professor
D. W. Conklin	Assistant Professor
T. J. Courchene	Assistant Professor
G. Gallais-Homonno	Assistant Professor (January 1, 1968)
C. D. Hodgins	Assistant Professor (June 1, 1968)
J. C. Leith	Assistant Professor
J. R. Melvin	Assistant Professor
T. R. Robinson	Assistant Professor
F. Roseman	Assistant Professor (November 1, 1967)
E. Saraydar	Assistant Professor (November 1, 1967)
W. D. Walsh	Assistant Professor

Department of English

E. Bieman	Lecturer
E. J. Devereux	Assistant Professor
G. D. Parker	Assistant Professor
C. Rajan	Lecturer
M. E. Smith	Assistant Professor

Department of French

W. S. Bush	Professor
J. Gallais-Homonno	Lecturer
N. C. Hall	Lecturer
D. F. Jones	Associate Professor

Department of Physical & Health Education

R. B. Eynon	Associate Professor
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Department of Secretarial Science

P. F. Davis	Lecturer
B. Seldon	Lecturer

Department of Sociology

J. D. Allingham	Associate Professor (January 1, 1968)
T. R. Balakrishnan	Associate Professor
H. Y. Kim	Assistant Professor (August 1, 1967)
B. D. Singer	Associate Professor (January 1, 1968)

Resignations (June 30, 1968, unless otherwise stated)Department of Economics

C. E. Beigie	Lecturer
M. K. Inman	Professor (p-t)
S. G. Peitchinis	Associate Professor
W. D. Walsh	Assistant Professor

Department of French

A. Deakin	Lecturer
B. G. Dobbs	Assistant Professor
D. Edy	Lecturer
A. C. Favre	Associate Professor
J. A. Gallais-Hamonno	Lecturer
J. Warwick	Assistant Professor

Department of Secretarial Science

E. G. Ward	Assistant Professor
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Department of Sociology

D. L. Harris	Lecturer (p-t)
J. F. Kantner	Professor and Head
D. I. Pool	Assistant Professor
L. O. Stone	Assistant Professor (p-t)

Leaves of Absence (July 1, 1967 to June 30, 1968, unless otherwise stated)Department of Economics

F. Roseman	Assistant Professor
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Department of English

A. B. Conron	Professor (September to April)
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Returning from Leaves of Absence (July 1, 1967 unless otherwise stated)Department of French

J. Warwick	Assistant Professor
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MIDDLESEX COLLEGE

Appointments (July 1, 1967 unless otherwise stated)Department of Psychology

Doreen Kimura, Ph.D.	Associate Professor
Stephen B. Kendall, Ph.D.	Associate Professor
Neil J. Vidmar, Ph.D.	Assistant Professor
Anthony J. Conger, Ph.D.	Assistant Professor
Harry G. Murray, Ph.D.	Assistant Professor

Department of Spanish and Italian

J. Asensio	Assistant Professor
A. Costanzo	Instructor
Robert K. Newman, Ph.D.	Visiting Associate Professor

Promotions (July 1, 1967 unless otherwise stated)Department of Geography

Professor R. McDaniel	Assistant Professor to Associate Professor
M. J. Troughton	Lecturer to Assistant Professor

Department of Psychology

A.U. Paivio, Ph.D.	from Associate Professor to Full Professor
D. A. Chambers, Ph.D.	from Assistant Professor to Associate Professor
R. M. Knights, Ph.D.	from Assistant Professor to Associate Professor

Department of Spanish and Italian

Maria Valeria Brizio	Lecturer to Assistant Professor
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Resignations (June 30, 1968 unless otherwise stated)Department of Psychology

J. T. Hawkins Assistant Professor (one-year appointment)

Department of Spanish and Italian

A. Costanzo Instructor (p-t)
Margaret Anne Montague Instructor (p-t)

Leave of Absence (January 1, 1967 to December 31, 1967)Department of Geography

C. F. J. Whebell Visiting Professor, University of New England,
Armidale, N.S.W., Australia

FACULTY OF SCIENCE

Appointments (July 1, 1967 unless otherwise stated)Department of Applied Mathematics

E. Lewis Assistant Professor
I. A. Sakmar Visiting Associate Professor

Department of Botany

D. Fahselt Lecturer
R. C. Jancy Assistant Professor

Department of Geology

R. N. Farvolden Associate Professor
P. G. Sutterlin Assistant Professor

Department of Geophysics

S. W. Carey Visiting Associate Professor, from August 1, 1967

Department of Mathematics

W. E. Bonnice Associate Professor
J. B. Florence Lecturer
S. M. Haq Assistant Professor
T. M. Viswanathan Assistant Professor

Department of Physics

D. Lane-Smith Lecturer
B. Y. Tong Assistant Professor

Department of Zoology

D. G. Davis Assistant Professor
J. A. George Assistant Professor, from September 1, 1967
D. M. Ogilvie Assistant Professor
R. R. Shivers Assistant Professor

PromotionsDepartment of Applied Mathematics

J. H. Blackwell Senior Professor to Professor and Head
T. M. Luke Assistant Professor to Associate Professor

Department of Astronomy

D. A. Gray Lecturer to Assistant Professor
J. M. Moorhead Lecturer to Assistant Professor

Department of Botany

F. S. Cook

Associate Professor to Professor

Department of Chemistry

H. W. Baldwin

Assistant Professor to Associate Professor

C. P. Demas

Lecturer to Assistant Professor

J. F. King

Associate Professor to Professor

J. B. Stothers

Associate Professor to Professor

Department of Geology

G. M. Young

Lecturer to Assistant Professor

Department of Geophysics

R. Mereu

Assistant Professor to Associate Professor

Department of Mathematics

D. Borwein

Senior Professor to Professor and Head

F. P. A. Cass

Lecturer to Assistant Professor

B. L. R. Shawyer

Assistant Professor to Associate Professor

Department of Physics

J. Jones

Lecturer to Assistant Professor

T. W. W. Stewart

Assistant Professor to Associate Professor

E. L. Vogan

Associate Professor to Professor

P. W. Whippey

Lecturer to Assistant Professor

Department of Zoology

J. E. Steele

Assistant Professor to Associate Professor

ResignationsDepartment of Botany

C. E. Caten

Department of Mathematics

G. D. J. Edwards

Department of Physics

P. A. Forsyth

from Headship

R. Mitalas

Leaves of AbsenceDepartment of Mathematics

S. C. R. Dennis

March 1, 1968 to August 31, 1968, to
Mathematics Research Centre, University of
WisconsinDepartment of Zoology

R. H. Stinson

September 1, 1967 to August 31, 1968 to
Elementary Science Study Group with M.I.T.
and Harvard professors.

TALBOT COLLEGE

Appointments (July 1, 1967 unless otherwise stated)

A. E. Raymond

Acting Dean

Gordon H. Turner

Dean - September, 1967

Department of Classics

M. J. Moscovich	Sessional Instructor
R. J. Littlewood	Lecturer (p-t)

Department of German

D. E. Schroeder	Sessional Instructor (September 1, 1967)
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Department of History

T. Guinsburg	Lecturer
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Department of Philosophy

L. W. Beck	Visiting Professor (p-t)
A. Marras	Assistant Professor
J. Sayer Minas	Visiting Professor (p-t)
G. A. Pearce	Assistant Professor
C. D. Rollins	Visiting Professor
M. Steel	Sessional Instructor (September 1, 1967)

Department of Political Science

P. Althoff	Assistant Professor
W. F. Dawson	Professor
H. K. Khanh	Assistant Professor
M. S. Rush	Visiting Lecturer

Department of Fine Art

W. S. A. Dale	Professor and Head
A. M. Urquhart	Assistant Professor

Promotions (July 1, 1967 unless otherwise stated)Department of Classics

D. E. Hill	Assistant Professor
C. L. Murison	Assistant Professor

Department of History

F. A. Dreyer	Associate Professor
K. H. W. Hilborn	Associate Professor

Department of Philosophy

E. Beaman	Assistant Professor
P. Maynard	Assistant Professor

Department of Political Science

W. M. Dobell	Associate Professor
B. B. Kymlicka	Associate Professor
H. B. Mayo	Professor and Chairman (September 1, 1967)

Terminations (June 30, 1968, unless otherwise stated)Department of Classics

M. J. Moscovich	Instructor (Sessional)
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Department of German

D. E. Schroeder	Instructor (Sessional)
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Department of History

W. B. Hamilton	Lecturer
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Department of Philosophy

S. G. French	Associate Professor
D. J. Hockney	Assistant Professor
C. D. Rollins	Visiting Professor
M. Steel	Instructor (Sessional)

Department of Political Science

H. B. Mayo	Professor and Chairman
M. Rush	Visiting Lecturer
L. P. Singh	Assistant Professor

Leaves of Absence (July 1, 1967 to June 30, 1968, unless otherwise stated)Department of Political Science

S. J. R. Noel	Assistant Professor
T. R. Sansom	Associate Professor

Department of Russian Studies

R. Piontkovsky	Lecturer
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Returning from Leaves of Absence (July 1, 1967, unless otherwise stated)Department of History

C. A. Rudd	Assistant Professor
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Department of Political Science

H. B. Mayo	Senior Professor (September 1, 1967)
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COLLEGE OF MUSIC

Appointments

R. Aldrich	Assistant Professor
D. Bratuz	Assistant Professor

Promotions

G. K. Greene	Assistant Professor to Associate Professor
C. F. Haenselman	Assistant Professor to Associate Professor
D. A. McKellar	Associate Professor to Professor

Resignations

J. McCullough	
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FACULTY OF MEDICINE

Appointments (July 1, 1967, unless otherwise stated)Department of Anaesthesia

D. H. Adamson	Instructor (February 1, 1968)
W. R. Lorimer	Clinical Lecturer
E. S. Russell	Clinical Assistant Professor

Department of Anatomy

M. Ghosh	Instructor
R. P. Singh	Lecturer

Department of Bacteriology and Immunology

L. A. Hatch	Clinical Associate Professor
E. B. Roslycky	Honorary Lecturer (October 1, 1967)
J. E. Zajic	Honorary Lecturer

Department of Biochemistry

W. Chefurka	Honorary Lecturer
R. M. Krupka	Honorary Lecturer
D. D. Webling	Associate Professor and Honorary Lecturer in Medicine

Department of Biophysics

P. B. Canham	Lecturer (October 1, 1967)
D. M. Miller	Honorary Lecturer
M. H. Sherebrin	Assistant Professor
R. M. Sutherland	Honorary Lecturer (September 1, 1967)
C. P. S. Taylor	Associate Professor (January 1, 1968)

Department of Community Medicine

J. A. Collyer	Lecturer in Subdepartment of Family Medicine (September 1, 1967)
R. A. Craig	Instructor in Subdepartment of Epidemiology and Preventive Medicine (September 1, 1967)
Elizabeth F. Donaldson	Instructor in Subdepartment of Epidemiology and Preventive Medicine (September 1, 1967)
C. T. Lamont	Lecturer in the Subdepartment of Family Medicine (September 1, 1967)
I. R. McWhinney	Professor and Head, Subdepartment of Family Medicine (June 15, 1968)
Dorothy May Mumby	Instructor in the Subdepartment of Epidemiology and Preventive Medicine
E. S. Pentland	Clinical Lecturer in Subdepartment of Epidemiology and Preventive Medicine (September 1, 1967)
G. E. Pratt	Clinical Lecturer in Subdepartment of Family Medicine (September 11, 1967)

Department of Diagnostic Radiology

T. C. Brown	Instructor (January 1, 1968)
R. K. Coates	Instructor
Paul Greenhow	Instructor (January 1, 1968)
E. A. M. Reid-Smith	Instructor (September 11, 1967)

Department of Medicine

I. T. Borda	Instructor (January 1, 1968)
W. B. Chodirker	Assistant Professor and Honorary Lecturer in Bacteriology and Immunology (October 1, 1967)
A. Kertesz	Lecturer
W. P. McInnis	Instructor
R. A. Richardson	Assistant Professor of History of Science
N. W. Rodger	Lecturer (August 1, 1967)
J. G. Ryan	Instructor
J. M. Thompson	Lecturer (January 1, 1968)

Department of Obstetrics and Gynaecology

J. Collins	Assistant Professor
S. B. Effer	Assistant Professor
E. R. Plunkett	Professor and Acting Head (December 1, 1967)
V. C. Wright	Clinical Lecturer (January 1, 1968)

Department of Ophthalmology

G. Oliver

Instructor (September 1, 1967)

Department of PathologyJ. H. Choi
Shirley I. Deneka
M. D. HaustLecturer
Instructor
Associate Professor (September 1, 1967)Department of Pathological Chemistry

E. R. Tustanoff

Associate Professor

Department of PharmacologyB. Dinel
M. L. W. Hersey
M. HirstInstructor (October 1, 1967)
Instructor
Assistant Professor (January 1, 1968)Department of Physical Medicine and RehabilitationSally Morgan
Olive J. StewartAssistant Professor
Clinical Assistant ProfessorDepartment of PhysiologyJ. B. Critz
J. H. Ferguson
P. F. MercerAssociate Professor
Lecturer
Assistant ProfessorDepartment of PsychiatryJ. J. Kaufman
H. J. A. ThurlowInstructor
Clinical LecturerDepartment of SurgeryW. G. Jamieson
W. W. Ollerhead
R. B. PassiClinical Assistant Professor (January 1, 1968)
Instructor in Orthopaedic Surgery
Assistant Professor (January 1, 1968)Department of Therapeutic Radiology

L. Reese

Honorary Lecturer (January 1, 1968)

Promotions (July 1, 1967, unless otherwise stated)Department of AnaesthesiaJ. A. Bain
P. R. Clancy
F. W. WalkerInstructor to Assistant Professor (October 1, 1967)
Clinical Lecturer to Clinical Assistant Professor
(January 1, 1968)
Instructor to Clinical Lecturer (January 1, 1968)Department of AnatomyA. D. Dickson
H. S. Rao
Maureen B. SassAssociate Professor to Professor
Instructor to Lecturer
Lecturer to Assistant ProfessorDepartment of Bacteriology and ImmunologyP. C. Fitz-James
Ruth B. ZivAssociate Professor to Professor
Instructor to LecturerDepartment of BiochemistryValentine Donisch
F. C. HeagyInstructor to Lecturer
Assistant Professor to Associate Professor

Department of Biophysics

R. I. Duncan
W. R. Inch

Lecturer to Assistant Professor
Assistant Professor to Associate Professor

Department of Community Medicine

A. T. Hunter
H. J. A. Thurlow

Honorary Lecturer to Assistant Professor
(February 1, 1968)
Lecturer to Clinical Assistant Professor
(September 1, 1967)

Department of Diagnostic Radiology

J. M. Allcock
M. B. Hill

E. E. Johnston
A. C. MacDonald
E. N. C. Milne
D. A. Nicol
R. B. Treleaven
W. W. Wilkins

Clinical Lecturer to Clinical Assistant Professor
Clinical Assistant Professor to Clinical Associate
Professor
Instructor to Clinical Lecturer
Instructor to Clinical Lecturer
Instructor to Clinical Assistant Professor
Instructor to Clinical Lecturer
Instructor to Clinical Lecturer
Clinical Lecturer to Clinical Assistant Professor

Department of Medicine

S. P. Ahuja
D. E. Aikenhead
A. E. Alway
W. B. Barton
D. C. Bondy
W. M. Cameron
W. K. Coulter
J. H. C. Douglas
N. J. England
C. F. S. Fisher
M. Harth
A. J. Hudson
A. J. Hudson

R. W. Kimber
J. A. Lewis
G. E. Lovatt
H. T. McAlpine
D. B. Meltzer
W. E. Pace
H. A. Pickard
P. A. Rechnitzer
D. R. Smith
J. B. Walker
D. F. White

Instructor to Lecturer (January 1, 1968)
Instructor to Clinical Lecturer
Clinical Lecturer to Clinical Assistant Professor
Assistant Professor to Clinical Associate Professor
Assistant Professor to Associate Professor
Clinical Lecturer to Clinical Associate Professor
Instructor to Clinical Lecturer
Instructor to Clinical Lecturer
Clinical Lecturer to Clinical Associate Professor
Clinical Lecturer to Clinical Assistant Professor
Lecturer to Assistant Professor
Clinical Lecturer to Clinical Assistant Professor
Clinical Assistant Professor to Associate Professor
(September 1, 1967)
Lecturer to Assistant Professor
Clinical Associate Professor to Clinical Professor
Instructor to Clinical Lecturer
Clinical Lecturer to Clinical Assistant Professor
Assistant Professor to Clinical Associate Professor
Clinical Lecturer to Clinical Associate Professor
Clinical Lecturer to Clinical Assistant Professor
Clinical Lecturer to Clinical Assistant Professor
Clinical Lecturer to Clinical Assistant Professor
Clinical Lecturer to Clinical Assistant Professor
Instructor to Clinical Lecturer

Department of Obstetrics and Gynaecology

H. H. Allen

G. G. Copeland
E. B. Gammal
G. R. Girvan
E. J. Love
D. O. Manners
E. R. Plunkett
M. L. Robinson
W. L. Tew
J. H. Walters

Clinical Assistant Professor to Clinical Associate
Professor
Instructor to Clinical Lecturer
Lecturer to Assistant Professor
Instructor to Clinical Lecturer
Lecturer to Assistant Professor
Instructor to Clinical Lecturer
Associate Professor to Professor
Instructor to Clinical Lecturer
Instructor to Clinical Lecturer
Associate Professor to Professor

Department of Ophthalmology

J. F. Ballantyne

R. T. Collyer
D. W. Mills

Clinical Assistant Professor to Clinical Associate
Professor
Instructor to Clinical Lecturer
Instructor to Clinical Lecturer

Department of Otolaryngology, Rhinology and Laryngology

F. J. Rounthwaite Clinical Associate Professor to Professor and Head

Department of Paediatrics

J. R. Nicholson Instructor to Clinical Lecturer
W. S. A. Singh Lecturer to Assistant Professor

Department of Pathological Chemistry

W. Zaharia Assistant Professor to Associate Professor

Department of Pharmacology

R. B. Philp Assistant Professor to Associate Professor
W. E. G. A. Spoerel Associate Professor to Professor

Department of Physiology

D. C. Bondy Lecturer to Associate Professor
G. G. Hinton Lecturer to Assistant Professor

Department of Psychiatry

B. Goldberg Instructor to Clinical Lecturer
F. G. Johnson Instructor to Assistant Professor (September 1, 1967)
K. M. McGregor Instructor to Clinical Lecturer

Department of Surgery

D. A. MacKenzie Instructor to Clinical Assistant Professor
T. D. McLarty Clinical Lecturer to Clinical Associate Professor
(October 1, 1967)
L. Reese Instructor to Clinical Lecturer (Genitourinary
Surgery)
H. S. Cameron Instructor to Clinical Assistant Professor
(Orthopaedic Surgery)

Department of Therapeutic Radiology

J. C. F. MacDonald Assistant Professor to Associate Professor

Change in Rank (July 1, 1967 unless otherwise stated)Department of Anaesthesia

J. A. Bain Assistant Professor to Clinical Assistant Professor
(November 1, 1967)

Department of Anatomy

M. L. Barr Professor and Head to Professor (September 1, 1967)
R. C. Buck Professor to Professor and Chairman (September 1, 1967)

Department of Community Medicine

Carol Buck Professor of Preventive Medicine to M. F. Fallon
Memorial. Professor and Head of the Subdepartment
of Epidemiology and Preventive Medicine.
A. T. Hunter Honorary Lecturer in Preventive Medicine to
Honorary Lecturer in Subdepartment of Family
Medicine.

Department of Medical Research

R. J. Rossiter Honorary Lecturer to Honorary Professor

Department of Medicine

E. A. Bartram	Clinical Associate Professor to Honorary Lecturer
J. A. Lewis	Clinical Professor to Professor (February 1, 1968)
G. A. Sears	Assistant Professor to Clinical Assistant Professor
G. B. Sexton	Clinical Associate Professor to Honorary Lecturer

Department of Obstetrics and Gynaecology

J. A. Collins	Assistant Professor to Clinical Assistant Professor (November 1, 1967)
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Department of Otolaryngology, Rhinology and Laryngology

R. E. Greenway	Clinical Professor and Head (August 1, 1967)
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Department of Pharmacology

T. D. Lovegrove	Honorary Lecturer to Lecturer
D. B. Meltzer	Honorary Lecturer to Lecturer
J. M. Parker	Clinical Professor to Professor
W. E. G. A. Spoerel	Professor to Honorary Lecturer (March 1, 1968)

Department of Physical Medicine and Rehabilitation

Yvonne M. Archibald	Clinical Lecturer to Fellow (November 1, 1967)
J. Berkeley	Honorary Lecturer to Clinical Lecturer
Sally Morgan	Assistant Professor to Assistant Professor and Director
J. B. C. Robinson	Clinical Lecturer to Honorary Lecturer

Department of Psychiatry

G. E. Hobbs	Professor of Preventive Medicine and Head of the Department of Psychiatry and Preventive Medicine to Professor and Head
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Department of Surgery

H. W. K. Barr	Lecturer to Clinical Lecturer
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Resignations (June 30, 1968 unless otherwise stated)Department of Anatomy

A. D. Dickson	Professor (March 31, 1968)
M. Ghosh	Instructor
H. S. Rao	Lecturer

Department of Bacteriology and Immunology

I. B. R. Duncan	Clinical Associate Professor (July 31, 1967)
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Department of Diagnostic Radiology

G. G. Copestake	Clinical Professor and Head
E. N. C. Milne	Clinical Assistant Professor (August 31, 1967)

Department of Medical Research

K. K. Carroll	Professor and Acting Head
H. T. McAlpine	Honorary Lecturer
E. R. Plunkett	Professor
J. C. Rathbun	Honorary Lecturer
R. J. Rossiter	Honorary Professor
B. Serdarevich	Assistant Professor
J. A. F. Stevenson	Honorary Lecturer
N. B. G. Taylor	Honorary Lecturer
A. C. Wallace	Professor

Department of Obstetrics and Gynaecology

R. A. Kinch Professor and Head (December 31, 1967)

Department of Physiology

J. H. Ferguson Lecturer (June 10, 1968)
M. Russek Assistant Professor (September 30, 1967)

RetirementDepartment of Psychiatry

A. E. McKercher Instructor (June 30, 1968)

Leaves of AbsenceDepartment of Biochemistry

W. C. C. McMurray Associate Professor (July 1, 1967 to June 30, 1968)

Department of Otolaryngology

P. G. Gettas Clinical Assistant Professor (December 1, 1967 because of illness)

Return from Leaves of AbsenceDepartment of Medicine

Margot R. Roach Assistant Professor and Assistant Professor of Biophysics (July 1, 1967)

Department of Pharmacology

J. T. Hamilton Associate Professor (October 1, 1967)

Transfer

D. G. Montemurro Associate Professor of Physiology to Associate Professor of Anatomy (April 1, 1968)

FACULTY OF DENTISTRY

AppointmentsDepartment of Clinics

K. M. Baird Associate Professor and Director

Department of Oral Medicine

C. F. Cappa Clinical Lecturer
W. C. Klein Instructor
W. R. Pellow Instructor
J. A. Reid Instructor
D. W. Stoneman Associate Professor and Chairman of the Division of Dental Radiology

Department of Oral Surgery

G. D. Glennie Clinical Lecturer
A. G. Parnell Professor and Chairman of the Department

Department of Paediatric Dentistry

D. A. Campbell Instructor
W. H. Feasby Professor and Chairman of the Department
R. L. Scott Instructor
D. C. Way Instructor
C. S. Whitman Clinical Lecturer

Department of Restorative Dentistry

D. E. Cousins	Instructor
P. E. Currie	Instructor (November 1, 1966)
J. A. Guest	Instructor (November 1, 1966)
L. N. Johnson	Associate Professor and Chairman of the Division of Dental Materials Science
R. E. Jordan	Professor and Chairman (July 1, 1966)
J. E. Ryan	Associate Professor and Chairman of the Division of Removable Prosthodontics
G. M. Sears	Instructor
R. M. Shaw	Instructor
L. V. Taylor	Clinical Lecturer
W. R. Teteruck	Associate Professor and Chairman of the Division of Fixed Prosthodontics

FACULTY OF LAW

Appointments

R. G. Atkey	Assistant Professor
M. H. Gropper	Assistant Professor
R. S. Mackay, Q.C.	Professor
E. E. Palmer	Associate Dean (January 1, 1968)
E. F. Ryan	Assistant Professor

FACULTY OF ENGINEERING SCIENCE

AppointmentsAcademic

S. H. Abu-Sitta	Associate Professor
C. G. J. Baker	Assistant Professor
M. A. Bergounou	Associate Professor
I. J. Duerden	Assistant Professor
A. J. Frick	Assistant Professor
A. Satter	Assistant Professor
M. H. Sherebrin	Assistant Professor
E. F. Wahl	Assistant Professor

Promotions

W. Bulani	Professor from Associate Professor
M. P. Poucher	Professor from Associate Professor
P. Rosati	Lecturer from Research Assistant
R. K. Swartman	Associate Professor from Assistant Professor

Resignations

A. Satter	Assistant Professor
E. F. Wahl	Assistant Professor

SCHOOL OF BUSINESS ADMINISTRATION

Appointments

J. A. Bartos	Assistant Professor
A. G. Blair	Assistant Professor
J. A. Erskine	Instructor
J. M. Fuller	Instructor
J. A. Humphrey	Assistant Professor
E. K. Kepper	Instructor
D. W. Konchak	Instructor
D. Kuechle	Assistant Professor
I. G. Morgan	Lecturer
R. E. M. Nourse	Assistant Professor
R. A. Patterson	Lecturer
Elaine M. Wilson	Instructor

Promotions

A. Mikalachki	Associate Professor from Assistant
S. D. Morehouse	Lecturer from Instructor
J. B. Washington	Associate Professor from Assistant

Leaves of Absence

J. D. Ffolliott	Lecturer
C. B. Johnston	Associate Professor
M. R. Leenders	Associate Professor (6 mos.)

Resignations

D. Burgoyne	Lecturer
D. M. Hunter	Instructor
R. E. Jeffrey	Lecturer
E. F. Lutz	Instructor

SCHOOL OF LIBRARY AND INFORMATION SCIENCE

Appointments

Jean Shaw Adelman	Visiting Lecturer
Jack Belzer	Visiting Lecturer
William James Cameron	Visiting Lecturer
Laura Catherine Colvin	Professor
Charles Deane Kent	Visiting Lecturer
Samuel Desmond Neill	Associate Professor
Barbara Jill Palmer	Assistant Professor
William Bernard Ready	Visiting Lecturer
Robert Alan Richardson	Assistant Professor

ALTHOUSE COLLEGE OF EDUCATION

Appointments (July 1, 1967, unless otherwise stated)Department of Business and Commerce

R. H. Bailey	Assistant Professor
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Department of Elementary Teaching

M. Hardy	Assistant Professor
K. W. Kenney	Assistant Professor

Department of Guidance

J. H. Hassard	Assistant Professor
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Department of Psychology

J. T. Sanders	Assistant Professor
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Department of Technical Education

E. J. Hall	Technical Education Specialist
R. Harland	Technical Education Specialist
M. H. Hey	Technical Education Specialist

ResignationsDepartment of History of Education

J. D. Wilson	Assistant Professor
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Department of Psychology

M. J. Adler	Assistant Professor
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Department of Technical Education

Frank Bain	Technical Education Specialist
Kingsley Dagg	Technical Education Specialist

THE UNIVERSITYRetired

Mr. A. Barber	Department of Pathological Chemistry
Mr. J. T. Glover	Department of Buildings and Grounds
Dr. M. K. Inman	Office of the Vice President, Arts and Science
Mr. T. F. Jacobs	Food Services
Mrs. E. R. Leachman	U.W.O. Bookstore
Mr. D. A. MacRae	Department of Chemistry
Mr. W. E. Mahon	Office of the Registrar
Mr. F. M. McNie	Department of Athletics
Dr. J. C. Paterson	Department of Pathology
Mrs. M. J. Ray	Food Services
Dr. R. R. Riese	Department of Paediatrics
Mr. J. W. Rivett	Department of Buildings and Grounds
Mrs. A. Vowles	Food Services
Mrs. E. Witherden	Food Services

Deaths - (All in Retirement)

Miss W. Foster	Department of Physics
W. S. Fox	President
Miss M. A. Hynd	University College
Dr. F. R. Miller	Department of Medicine
Miss B. Welling	Department of History

APPENDIX B

HONORS

HONORS

Professor Willard Joseph L'Heureux -

Awarded Honorary Doctor of Laws Degree - University of New Brunswick.
October 1967.

Professor John J. Wettlaufer -

Awarded Honorary Doctor of Laws Degree - Waterloo Lutheran University.
October 1967.

Mr. A. G. McColl -

Honored by Canadian Education Association - Honorary Life Member -
"for outstanding service to Canadian Education". November 1967.

Dr. R. W. Torrens -

Awarded Honorary Life Membership - Canadian Association of University
Teachers - Toronto. November 1967.

Dr. W. K. Ferguson -

Awarded Canada Council Medal - Ottawa. December 1967.

Dr. Howard C. Clark -

Winner of Chemical Institute of Canada Noranda Lecture Award -
Vancouver. March 1968.

Dr. James Reaney -

Winner of Canada Council Arts Award - March 1968.

Dr. Murray L. Barr -

Winner of Maurice Goldblatt Cytology Award jointly with Dr. E. G.
Bertram - International Academy of Cytology - Second International Congress of
Cytology - Rio de Janeiro. May 1968.

Dr. James J. Talman -

Awarded the Cruikshank Medal by the Ontario Historical Society.
June 1968.

Dr. Wilfrid Jury -

Honored at the unveiling of a plaque at Sainte-Marie Among the Hurons.
June 1968.

Mr. Hendrik Overduin of Mount Brydges -

Winner of Woodrow Wilson National Fellowship Foundation Scholarship.
February 1968.

Miss Lynn Gathercole of Port Credit -

Winner of Woodrow Wilson National Fellowship Foundation Scholarship.
February 1968.

Mrs. Karen Sharp of London -

Winner of Woodrow Wilson National Fellowship Foundation Scholarship.
February 1968.

Mr. Brian MacGinnis of London -

Winner of Woodrow Wilson National Fellowship Foundation Scholarship.
February 1968.

APPENDIX C
PUBLICATIONS OF THE FACULTY
AND GRADUATE STUDENTS

PUBLICATIONS OF THE FACULTY
AND GRADUATE STUDIES
UNIVERSITY COLLEGE

DEPARTMENT OF ECONOMICS

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- Bodkin, R. G., (Comments on a panel discussion of Pensions and Retirement Savings Plans), pp. 352-354 of Canadian Tax Foundation, Douglas J. Sherbaniuk, Director, Report of Proceedings of the Twentieth Tax Conference, (Toronto: Canadian Tax Foundation, January, 1968).
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- Courchene, T. J., "Investment Saving and Full-Employment Equilibrium", Conference on the Royal Commission on Taxation, (Toronto: Canadian Tax Foundation, 1967) pp. 156-162 (with G. L. Reuber and T. R. Robinson).
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- Courchene, T. J., "Contractual Savings with and without Carter", Study prepared for the Department of Finance, (Ottawa: Queen's Printer, 1967 (T. R. Robinson as co-author).

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- Hodgins, C. D., "Advanced Preliminary Estimates of the Quarterly National Accounts: An Exploration in Methodology" Unpublished Research Memorandum, Dominion Bureau of Statistics, October, 1967.
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- Melvin, J. R., "Capital Flows and Employment Under Flexible Exchange Rates", Canadian Journal of Economics, 1, (May, 1968).
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- Reuber, G. L., "Stable Prices, High Employment and Economic Growth: Must Canada Choose?", Wages, Prices, Profits and Economic Policy, ed. by John H. G. Crispo (Toronto: University of Toronto Press, 1968) pp. 17-38.
- Reuber, G. L., "On Estimating the Effect of Carter Report Recommendations on Domestic Savings", (with R. G. Bodkin as co-author), Canadian Journal of Economics, 1: 1 Supplement (February, 1968).
- Reuber, G. L., "Investment Saving and Full-Employment Equilibrium", Conference on the Royal Commission on Taxation, (Toronto: Canadian Tax Foundation, 1967), pp. 156-162 (with T. J. Courchene and T. R. Robinson).
- Reuber, G. L., "Recent Revisions in Canada's Banking Legislation", The Bankers Magazine, (December 1957, January 1968). Reprinted Business Quarterly (March, 1968).
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Beattie, E. J., "In Canada's Centennial Year, Influence of U.S. Mass Media Probed." Journalism Quarterly, Vol. 44, No. 4, Winter, 1967.

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MIDDLESEX COLLEGE

DEPARTMENT OF GEOGRAPHY

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APPENDIX D
SCHEDULE OF RESEARCH FUNDS
FOR THE YEAR ENDED JUNE 30, 1968

FACULTY OF MEDICINE

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
Sundry Donors	J. H. Toogood	Allergy Research
Sundry Donors	W.E.G. Spoerel	Research in Anaesthesia
Association for Aid of Crippled Children	Carol Buck	Relation between prenatal and natal complications and the occurrence of neuropsychiatric disorders of childhood
Canada Trust Company	R.W. Gunton	Arthritic & Rheumatic Diseases Research
Ayerst Laboratories	E.R. Plunkett	Drug Study
Beck Sanitorium Fund	J.H. Toogood	Dr. David W. Crombie Memorial Research Fellowship
Dean of Medicine	J. Allcock	Research in Diagnostic Radiology
Can. Fed. Biological Societies	K.K. Carroll	Secretarial Services
Burroughs Wellcome & Co. Ltd.	J.M. Parker	Summer Student
Dean of Medicine	D. Webling	Medical Research
Dean of Medicine	E.B. Cammel	Medical Research
Dean of Medicine	A.J. Hudson	Medical Research
Dean of Medicine	R.W. Kimber	Medical Research
Dean of Medicine	W. Chodirker	Research in Immunology
Cancer Research Fund	D. Bocking	Cancer Research
Dr. J.B. Collip Trust Fund	K.K. Carroll	Medical Research
Jane Coffin Childs Memorial Fund	K. Hoshino	Cancer Research
Canada Council	R.I. Duncan	Special Fellowship Expense
Violet Coulter Cardiovascular Research Fund	G.W. Manning	Cardiovascular Research
Can. Cystic Fibrosis Fdn.	G.H. Valentine	Cystic Fibrosis Research
Ont. Cancer Treatment & Research Foundation	Carol Buck	Relationship between smoking in pregnancy and cancer in children
Ont. Cancer Treatment & Research Foundation	K.M. Stavraky	Epidemiological Studies of Cancer
Ont. Cancer Treatment & Research Foundation	E.R. Plunkett & K.K. Carroll	Environmental Factors in Human Mammary Cancer
Ont. Cancer Treatment & Research Foundation	E.R. Plunkett	Investigation of the endocrine aspect of cancer in humans
Can. Arthritis & Rheumatism Society	C.W. Gowdey	Anti-inflammatory activity of a series of glyceryl ethers
Can. Arthritis & Rheumatism Society	M. Harth	Rheumatic Disease Unit
Ciba Company Ltd.	G.G. Hinton & R.M. Knights	The effects of methylphenidate on the motor skills of children with minimal brain dysfunction

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
Can. Arthritis & Rheumatism Society	M. Harth	Rheumatic Disease Research
National Cancer Institute	R.C. Buck	The ultra structure of tumour cells
National Cancer Institute	J.A. McCarter	Cancer Research
National Cancer Institute	K.K. Carroll	Cancer Research
National Cancer Institute	H.B. Stewart	Cancer Research
National Cancer Institute	A.C. Wallace	Cancer Research
National Cancer Institute	J.A. McCarter	For the purchase of equipment
National Cancer Institute	K. Hoshino	Cancer Research
National Cancer Institute	B.D. Reid	Fellowship
National Cancer Institute	C.W. Gowdey	Cancer Research
National Cancer Institute	R.I. Duncan	Cancer Research
National Cancer Institute	J.E. Moore	Fellowship
National Cancer Institute		Fellowships & Studentships
National Cancer Institute	J.A. McCarter	Equipment & Alterations
National Cancer Institute	J.A. McCarter	Alterations
National Cancer Institute	D.G. Montemurro	Cancer Research
National Cancer Institute	J.A. McCarter	Cancer Research
Defence Research Board	Y.S. Brownstone	The use of short chain ribosides as blood preservatives
Defence Research Board	C.W. Gowdey	Studies on decompression aeroembolism
Defence Research Board	A.C. Burton	Changes in muscle after cold acclimatization
Defence Research Board	J.A.F. Stevenson	Metabolic reactions to dietary temperature and traumatic stresses.
Defence Research Board	I.G. Walker	Sulphydryl compounds and protection against radiomimetic alkylating agents
Sarah Duncan Estate	G.W. Manning	Cardiovascular Research
Defence Research Board	A.C. Burton	Mechanism of temperature receptors in acclimatization
Defence Research Board	J.M. Parker	Studies on low dose incapacitating effects of organophosphorus compounds
Delmar Chemicals Ltd.	J.M. Parker	Special research project.
Medical Research Council	R.C. Buck	Equipment Grant
Medical Research Council	E.H. Colhoun	Equipment Grant
Medical Research Council	J.J. Seguin	Equipment Grant
Medical Research Council	D.B. Smith	Equipment Grant
Medical Research Council	P.G. Dellow	Equipment Grant
Medical Research Council	R.G.E. Murray	Equipment Grant

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
Medical Research Council	K.K. Carroll	Equipment Grant
Medical Research Council	R.G.E. Murray	Equipment Grant
Medical Research Council	A.C. Groom	Equipment Grant
National Research Council	R.J. Rossiter	Equipment Grant
Medical Research Council	E.R. Tustanoff	Equipment Grant
Medical Research Council	P.C. Fitz-James	Equipment Grant
Medical Research Council	P.F. Mercer	Equipment Grant
Medical Research Council	R.G.E. Murray	Equipment Grant
Medical Research Council	P.C. Fitz-James	Equipment Grant
R.W. Frost, Esq.	D. Bocking	Medical Research
Medical Research Council	D. Bocking	Medical Research Fellowships
Medical Research Council	D. Bocking	Studentships and Bursaries
Medical Research Council	P.C. Fitz-James	Medical Research Associateship
Medical Research Council	K.P. Strickland	Medical Research Associateship
Medical Research Council	J.R. Beaton	Medical Research Associateship
Medical Research Council	K.K. Carroll	Medical Research Associateship
Medical Research Council	E.H. Colhoun	Medical Research Associateship
Medical Research Council	Bruce A. Gordon	Medical Research Associateship
Medical Research Council	J.K. Ball	Medical Research Scholarship
Medical Research Council	P.G.R. Harding	Medical Research Scholarship
Medical Research Council	J.E. Grace	Medical Research Fellowship
Medical Research Council	J.R. Trevithick	Medical Research Scholarship
Medical Research Council	A.C. Groom	Medical Research Scholarship
Medical Research Council	N.R. Sinclair	Medical Research Scholarship
Medical Research Council	M.H. Sherebrin	Medical Research Scholarship
Medical Research Council	M.R. Roach	Medical Research Scholarship
Medical Research Council	J.A.F. Stevenson	M.R.C. Fellowship Grant
Medical Research Council	R.A.H. Kinch	M.R.C. Fellowship Grant
Medical Research Council	R.G.E. Murray	M.R.C. Fellowship Grant
Medical Research Council	C.F. Robinow	M.R.C. Fellowship Grant
Medical Research Council	K.K. Carroll	M.R.C. Fellowship Grant
Medical Research Council	E.R. Plunkett	M.R.C. Fellowship Grant
Medical Research Council	J.A.F. Stevenson	M.R.C. Fellowship Grant
Medical Research Council	R.W. Kimber	M.R.C. Fellowship Grant
Medical Research Council	J.E.K. Foreman	M.R.C. Fellowship Grant

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
Medical Research Council	R.B. Philp	M.R.C. Fellowship Grant
Medical Research Council	R.C. Buck	M.R.C. Fellowship Grant
Medical Research Council	M.L. Hollenberg	M.R.C. Fellowship Grant
Medical Research Council	R.W. Kimber	M.R.C. Fellowship Grant
Medical Research Council	A.C. Burton	M.R.C. Fellowship Grant
Medical Research Council	J.A.F. Stevenson	M.R.C. Fellowship Grant
Medical Research Council	A.C. Burton	M.R.C. Fellowship Grant
Medical Research Council	J.R. Trevithick	M.R.C. Fellowship Grant
Medical Research Council	A.C. Groom	M.R.C. Fellowship Grant
Medical Research Council	N.R. Sinclair	M.R.C. Fellowship Grant
Medical Research Council	M.H. Sherebrin	M.R.C. Fellowship Grant
Medical Research Council	M.R. Roach	M.R.C. Fellowship Grant
Geigy (Canada) Ltd.	G.W. Manning	Cardiovascular Research
Dr. A.J. Grace Memorial Fund	W.E. Spoerel	Research in Anaesthesia
Geographic Research Fund	S.E. Carroll	Summer Student
Geographic Research Fund	S.E. Carroll	Purchase of Equipment
Geographic Research Fund	M.G.P. Cameron	Research in Aphasia
Geographic Research Fund	R.W. Kimber	Research in Renal Unit
Geographic Research Fund	N.M. Lefcoe	For the purchase of Equipment
Geographic Research Fund	J.C. Rathbun	Dept. of Paediatrics Research
Geographic Research Fund	A.D. McLachlin	Dept. of Surgery Research
Dept. of National Health & Welfare	D. Bocking	General Practitioner Education
Dept. of National Health & Welfare	R.A.H. Kinch	Perinatal Mortality Study
Dept. of National Health & Welfare	J.C. Rathbun	Fluorescent Antibody Technique
Dept. of National Health & Welfare	G.E. Hobbs	Research Position in Epidemiology
Dept. of National Health & Welfare	A.T. Hunter	Medical Education - Television
Dept. of National Health & Welfare	A.T. Hunter	Medical Audience Educational Television Program
Dept. of National Health & Welfare	I.B.R. Duncan	Biological Properties of ECHO Type 30 Virus
Dept. of National Health & Welfare	R.A.H. Kinch	Study of the Unwed Mother
Dept. of National Health & Welfare	G.W. Manning	Clinical Cardiovascular Studies
Dept. of National Health & Welfare	E.J.K. Penikett	Amoebiasis

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
Dept. of National Health & Welfare	F.J. Rounthwaite	Deafness in Children
Dept. of National Health & Welfare	L. Reese	Renal & Hypertensive Disease
Dept. of National Health & Welfare	D. Barry Shaw	Pulmonary Function Laboratory
Dept. of National Health & Welfare	M.G.P. Cameron	Comparison of Rehabilitation Treatment Programs
Dept. of National Health & Welfare	D. Bocking	Education Program for General Practice
Dept. of National Health & Welfare	A.T. Hunter	Advanced Graduate Training for General Practice
Dept. of National Health & Welfare	A.T. Hunter	A study of Medical Manpower in Ontario
Dept. of National Health & Welfare	G.H. Valentine	Child Health Workshop
Ontario Heart Foundation	D. Bocking	Summer Student Scholarships
Ontario Heart Foundation	P.A. Rechnitzer	Cardiac Rehabilitation Study
Ontario Heart Foundation	N.F. Gergely	Heterotopic and orthotopic canine cardiac homotransplantation with topical irradiation and / or hyperbaric oxygen treatment
Ontario Heart Foundation	M.D. Haust	The role of plasma proteins in human atherosclerosis
Ontario Heart Foundation	D. Bocking	Associateships and Fellowships
Ontario Heart Foundation	K.K. Carroll	Dietary Control of Liver Cholesterol Biosynthesis
Ontario Heart Foundation	A.C. Burton	Frequency Characteristics of Sinus Arrhythmia
Ontario Heart Foundation	G.W. Manning	Cardiovascular Research
Ontario Heart Foundation	J.C. Coles	Cardiovascular Research
Ontario Heart Foundation	A.H. Neufeld	Medical Research
Ontario Heart Foundation	S.E. Carroll	To investigate myocardial hypoxia in hemorrhagic hypotension
Mrs. W.F. Herman & W.L. Clarke	D. Bocking	Medical Research Fellowship
Joseph P. Kennedy Jr. Fdn.	M.L. Barr	Mental Retardation
Lady Jean Lister Kay	F.S. Brien	Medical Research
Can. Life Ins. Officers' Association	J.C. Rathbun	Fellowship - G.G. Hinton
Life Insurance Medical Research Fund	A.C. Burton	The biophysics of blood cells
American Cyanamid Co.	D. Bocking	Lederle Medical Student Research Fellowship

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
Can. Life Insurance Assoc.	R.A.H. Kinch	Medical Fellowship
F.K. Morrow Foundation	Carol Buck	The relation of Population changes to Health and Disease
Sundry Donors	G. W. Manning	Dept. of Medicine Cardiovascular Research
J. McClary Memorial Fund	Carol Buck	Research in Industrial Medicine
Mead Johnson of Canada Ltd.	H.H. Allen	Obstetrical Research Fund
D.H. McDermid Memorial Fund	M.L. Barr	Medical Research
Estate of the late Bessie Mayne	D. Bocking	Cardiovascular Research
Dept. of Medicine Neurological Research Fund	R.W. Gunton	Neurological Research
Dept. of Medicine Nephritis Research	R.W. Kimber	Nephritis Research
Medical Associates	R.W. Gunton	Dept. of Medicine Clinical Research Fund
The Muscular Dystrophy Association of Canada	K.P. Strickland	Morphological Chemical changes in myasthenia gravis, and myasthenia-like conditions
The Muscular Dystrophy Association of Canada	J.J. Seguin	Studies of the excitability and contractibility of the decentralized neuromuscular system
Multiple Sclerosis Society	W.L. Magee	Metabolism of Myelin
Ontario Mental Health Foundation	W.C. McMurray	Investigation of Metabolic Disorders in Mentally Retarded children
Ontario Mental Health Foundation	G.E. Hobbs	A prospective study of the factors influencing the outcome of Schizophrenia
Ontario Mental Health Foundation	Carol Buck	Factors influencing the intellectual development of young children
Ontario Mental Health Foundation	H.J. Thurlow	Characteristics of University Students with emotional problems
Ontario Mental Health Foundation	C.W. Gowdey	Factors influencing the consumption of drugs which depress the center nervous system
Ontario Mental Health Foundation	G.E. Hobbs	Associateship - Senior Psychiatrist
Ontario Mental Health Foundation	G.E. Hobbs	OMHA - Niacin Schizophrenia
Ontario Mental Health Foundation	H.J. Thurlow	Illness in relation to the "life situation" and sick-role tendency
Medical Research Council	D. Bocking	For the support of Medical Research
Medical Research Council	D. Bocking	Summer Scholarships
National Research Council	J.M. Parker	Study of analgesics by operant behavioral techniques
National Research Council	C.P.S. Taylor	Biophysical studies on respiration and photosynthesis

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
Medical Research Council	P.C. Fitz-James	Macromolecular synthesis in bacteria
Medical Research Council	E.R. Plunkett	Investigation of pituitary-ovarian failure in humans
Medical Research Council	H.B. Stewart	Cytological organization and metabolism of yeast
Medical Research Council	K.P. Strickland	The biosynthesis of phospholipids
Medical Research Council	R.G.E. Murray	Studies of <i>Listeria Monocytogenes</i>
Medical Research Council	C.C. Bigelow	The physical chemistry of proteins
Medical Research Council	G.W. Stavraký	Responses of partially isolated structures to chemical, reflex, and electric stimulation
Medical Research Council	A.C. Burton	Energetics of vascular smooth muscle
Medical Research Council	G.J. Mogenson	The role of the nervous and endocrine systems in the control of behavior
Medical Research Council	A.H. Neufeld	Metabolic changes in disease with emphasis on proteins
Medical Research Council	R.G.E. Murray	General microbiological and cytological studies
Medical Research Council	D.C. Montemurro	Study of the structure and function of pituitary cells
Medical Research Council	J. Robinson	The mode of action of lysis of specific bacteria by <i>Bdellovibrio</i>
Medical Research Council	C. Levene	Vascularisation of growing cartilage
Medical Research Council	M.L. Barr	Cytogenetics and sex anomalies
Medical Research Council	S.P. Ahuja	Vectorcardiographic elucidation of minor electrocardiographic abnormalities in normal subjects and cardiac patients
Medical Research Council	K.K. Carroll	Consolidated Grant for Medical Research
Medical Research Council	R.J. Rossiter	Biochemistry of the nervous system
Medical Research Council	R.C. Buck	Electron Microscopy of Cell Division
Medical Research Council	A.A. Monjan	Role of steady potentials in the modulation of sensory systems
Medical Research Council	J.A.F. Stevenson	The role of the nervous and endocrine systems in the regulation of energy, water and electrolyte exchange
Medical Research Council	J.T. Hamilton	Closer study of the synaptic blockade produced by new and commonly-used agents
Medical Research Council	M.R. Roach	Contraction of vascular smooth muscle
Medical Research Council	J.B. Critz	Effect of stimulated exercise on serum enzyme levels
Medical Research Council	W.C. McMurray	Biochemical investigations of the developing nervous system
Medical Research Council	W.E.G. Spoerel	The effect of anaesthesia and resuscitation on cerebral ischemia in the rabbit

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
Medical Research Council	J.A.F. Stevenson	Metabolic and endocrine regulation of nutritional state
Medical Research Council	K.K. Carroll	Analysis and metabolism of bacterial lipids
Medical Research Council	E.W.K. Donisch	The structure of the lower lumbar intervertebral discs in infants and children
Medical Research Council	J.J. Seguin	The role of proprioceptor mechanisms in shivering
Medical Research Council	C.W. Gowdey	Alkoxyglycerols and haematoposis
Medical Research Council	D.H. Carr	Chromosome anomalies and their relation to development
National Research Council	C.C. Bigelow	The physical chemistry of proteins
Medical Research Council	E.L. Medzon	Virus-cell interaction
Medical Research Council	M.J. Hollenberg	Electron microscopic studies of the vertebrate eye
Medical Research Council	C.C. Bigelow	Protein denaturation and structure
Medical Research Council	M.L. Barr	Studies in human genetics
Medical Research Council	J.A. McCarter	Interaction of nucleic acids with polycyclic aromatic hydrocarbons and acridines
National Research Council	J. Robinson	The mode of action of lysis of specific bacteria by <i>Bdellovibrio</i> (530)
Medical Research Council	R.B. Philp	Drug-induced alterations in platelet function
Medical Research Council	J. Robinson	The site and mechanism of formation of alpha and beta hemolysin by some strains of <i>staphylococcus aureus</i>
Medical Research Council	R.G.E. Murray	Visiting Scientist - M.V. Hermut
Medical Research Council	B.P. Squires	The regulation of pituitary and other polypeptide hormone secretion in animals and men
Medical Research Council	P.C.R. Harding	The nutritional status of the fetus
Medical Research Council	A.D. Dickson	Histochemical study of implantation processes in the mouse
Medical Research Council	K.K. Carroll	Diet and cholesterol metabolism
Medical Research Council	W.L. Magee	The ethanolamine-containing phospholipids of brain
Medical Research Council	K. Hoshino	Hormonal influences upon development and function of endocrine and reproductive organs
Medical Research Council	R.A. Snyder	Analysis of total E.M.C. activity in voluntary contraction
Medical Research Council	J.K. Ball	Studies on the induction of malignant thymoma by a single injection of carcinogenic hydrocarbons in newborn mice
Medical Research Council	E.H. Colhoun	Metabolism of Amines

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
Medical Research Council	F.J. Rounthwaite	Neurophysiological aspects of deafness in retarded children
Medical Research Council	D.B. Smith	Structure of hemoglobin and hemoglobin-haptoglobin complex
Medical Research Council	P.G.R. Harding	Grant-in-Aid - M.R.C. Fellowship
National Research Council	D.G. Gardner	Studies on the oral tissues in certain systemic disorders
Medical Research Council	M.J. Hollenberg	M.R.C. Fellowship awards
Medical Research Council	A.D. Dickson	Giant Cell Transformation of Cultured Mouse Blastocysts
Medical Research Council	C.W. Gowdey	In support of Dr. J.M. Parker's Research
National Research Council	P.G. Dellow	Salivary gland nervous system inter-relationships
Medical Research Council	M. Russek	Hepatic receptors in the control of food intake
Medical Research Council	F.R. Calaresu	Electrophysiological study of central pathways involved in the control of heart rate
Medical Research Council	C.W. Gowdey	Study of vasodilator mechanism during reoxygenation following hypoxia
Medical Research Council	A. Bakerspiegel	Fungistatic activity of normal and abnormal sera
Medical Research Council	K. Ebisuzaki	A fine analysis of Phage DNA composition and control of multigene systems
Medical Research Council	A.C. Groom	Blood flow through the smaller vessels of skeletal muscle and dynamics of the splenic circulation
Medical Research Council	E.R. Plunkett	Investigation of endocrine disturbances following oral contraceptive therapy
Medical Research Council	J. Rozanis	The effect of PAS on nocardia
Medical Research Council	N.R.S. Sinclair	Studies on thymic function
Medical Research Council	G.W. Manning	Computer analysis of electrocardiogram by simultaneously recorded orthogonal leads
Medical Research Council	M.L. Barr	Chromosome abnormalities in rabbit embryos
National Research Council	K. Hoshino	Studies on salivary glands in mice
Medical Research Council	J.M. Parker	Effect of drugs on different types of sleep
Medical Research Council	J.R. Trevithick	Molecular events after protein biosynthesis
Medical Research Council	I.G. Walker	Modification of cellular sensitivity toward anticancer agents
Medical Research Council	N.W. Rodger	Hyperlipidemia in diabetes mellitus
Medical Research Council	Y.M. Archibald	An evaluation of four nonverbal cognitive tests for use in the differential diagnosis of brain damage

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
Medical Research Council	A.D. Dickson	Effect of trophoblast on the mouse adrenal X-zone
Medical Research Council	L.D. Wilcox	Proposed studies of problems associated with the creation of a spleno-pulmonary shunt
Medical Research Council	E.R. Tustanoff	Studies of mitochondrial development and metabolism
Medical Research Council	M.D. Haust	Immuno-electron microscopic studies of human atherosclerotic lesions
Medical Research Council	P.F. Mercer	Changes in osmotically active solutes in the rat kidney due to osmotic agents and diuretic drugs
Medical Research Council	R.P. Singh	Cytogenetic studies in high risk pregnancies
Medical Research Council	D. Webling	Effect of bile and bile salts in calcium metabolism
Sundry Donors	J.A.F. Stevenson	Miscellaneous Research in Physiology
Population Council	A.D. Dickson	Induction of Implantation in the ovariectomized mouse by a Blastocyst Extract
Population Council	A.D. Dickson	Studies on the induction of implantation in the ovariectomized mouse
Population Council	A.D. Dickson	Studies on blastocyst development and implantation in the mouse
Dept. of Pathological Chemistry Research Fund	A.H. Neufeld	For the support of a summer student
Paediatric Child Health Workshop	G.H. Valentine	Paediatrics Child Workshop
Pooled Research Fund	D. Bocking	Medical Research
Geographic Trust Fund	G.E. Hobbs	Dept. of Psychiatry Research Fund
Ortho Pharmaceutical Ltd.	E.R. Plunkett	For research in the field of infertility and gynaecological endocrinology
Ortho Pharmaceutical Ltd.	R.A.H. Kinch	Ortho Progestin Study
Ortho Pharmaceutical Ltd.	E.R. Plunkett	To investigate the possible hypertensive effect of progestational steroids
Dept. of Ophthalmology Research Fund	C. Dyson	Ophthalmology Research
Damon Runyon Memorial Fund	J.V. Frei	Fate and effects of injected DNA in mice
Richard Ivey Foundation	O.H. Warwick	For general Research Purposes in the Health Sciences
Richard Ivey Foundation	C. Dyson	Dept. of Ophthalmology - Teaching and Research Fund
Searle Company	M.L. Robinson	Substitution Therapy in Menopause
Smith, Kline & French	C.W. Gowdey	Studies on the common cold
Estate of the late Col. J.E. Smallman	A.D. McLachlin	Urological Research

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
Sundry Donors	F.J. Rounthwaite	Drug Study
National Academy of Sciences	J.M. Allcock	A study of causes, prevention and treatment of cerebral vascular spasm in patients with subarachnoid haemorrhage
Royal Trust Company	A.D. McLachlin	Surgical Research Fund
A.E. Silverwood Fdn.	R.C. Buck	Research in Mental Retardation
Sundry Donors	C.G. Drake	Research in Neurosurgery
St. Joseph's Hospital Research Fund	S.E. Carroll	Summer Students
Geographic Research Fund	A. Kertesz	St. Joseph's Hospital Neurological Research Laboratory Fund
Ont. Tuberculosis Ass'n.	N.M. Lefcoe	Tuberculosis Research
Canadian Tuberculosis Ass'n.	J.H. Toogood	Tuberculosis Research
Can. Foundation for the Advancement of Therapeutics	C.W. Gowdey	Research on Advancement of Therapeutics
Ontario Tuberculosis Ass'n.	A. Bakerspigel	Tuberculosis Research
Canadian Tuberculosis Ass'n.	E.L. Medzon	Chemical and Biological Characterization of Tubercle Antigens
Upjohn Company of Canada	R.A.H. Kinch	Obstetrical Research
Undergraduate Medical Students Fund	A.D. McLachlin	Summer Students
Victoria Hospital Surgical and Teaching Fund	A.D. McLachlin	Summer Scholarships
Dept. of Obstetrics and Gynaecology Res. Fund	E.R. Plunkett	Obstetrical Research
John Wyeth & Bro. (Canada) Ltd.	D. Bocking	Medical Research Special
The Henry Wolf Memorial Fund	G.W. Manning	Cardiovascular Research
Warner Lambert Company	E.R. Plunkett	Obstetrical Research
Warner Lambert Company	E.R. Plunkett	Obstetrical Research

FACULTY OF ARTS AND SCIENCE

Dept. of Agriculture Canada	A.W.A. Brown	Genetics of Insecticide resistance in insects of agricultural importance
American Chemical Society	J.B. Stothers	Organic Applications of Nuclear Magnetic Resonance Spectroscopy
American Chemical Society	J.F. King	Sulphenes and Oxythiones
North Atlantic Treaty Organization	H.C. Clark	Aspects of the organo-metallic chemistry
Arctic Institute of North American	K.L. MacInnes	Study of growth, reproduction, seed production, distribution and germination in Pedicularis species
Alcoholism & Drug Addiction Research Fdn.	D.N. Jackson	Behavioral Studies in Alcoholism

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
North Atlantic Treaty Organization	A.D. Edgar	Geochemistry of Eclogites
American Chemical Society Research Fund	H.C. Clark	The Activity of Olefins towards Metal Bonds
American Metal Climax	G.G. Suffel	Support Graduate Student Work
North Atlantic Treaty Organization	R.W. Hutchinson	Comparative Study of Turkish and Canadian Massive Sulphide Ore Deposits
Abbott Laboratories	M. Rieber	Study of Cylert (Magnesium Pemoline)
Dept. of Agriculture - Canada	P.B. Cavers	The comparative biology of closely related weed species
Avco Finance Ltd. Grant	T.F. Siess	Personnel Selection Research
J.P. Bickell Foundation	A.E. Beck	Equipment Grant
Bristol Laboratories	P. deMayo	Chemical Research
Bell Telephone Co. of Canada	G.K. Jarvis	Sociological Research
Imperial Oil Limited	H.C. Clark	Chemical Research
Imperial Oil Limited	P. deMayo	Chemical Research
Canada Council	H.W. Taylor	Changing Patterns in Economic Geography of South-eastern Brazil
Canada Council	W.E. Reitz	Self attitudes, interpersonal attraction, and reinforcement
Canada Council	J.F. Kantner	The Determinants and Consequences of Patterns of Family Formation
Canada Council	D.G.G. Kerr	An Historical Analysis of Canadian Federal Elections, 1867 to the present
Canada Council	G.L. Reuber	Canadian Economic Policy
Canada Council	R.C. Gardner	Bicultural Communication, The Significance of Stereotypes
National Cancer Institute	J. Purko	Cancer Research
Canada Council	E. Harvey	Industrial and Occupational Sociology
Canada Council	H.W. Taylor	Investment in Brazilian Agriculture
Canada Council	N. Vidmar	To study effects of size and task type on group productivity and satisfaction
Canada Council	E.J. Devereux	A study of the life and publications of John Rastell
Canada Council	A.H. Johnson	The Development of a philosophical system (Experimental Realism) based on the insights of Alfred North Whitehead
Canada Council	M. Zaslow	Study on the opening of the Canadian North, 1870-1967
Canada Council	R.W. Binkley	Bibliography of Philosophical Psychology in Action
Canadian Council on Urban & Regional Research	B.B. Kymlicka	Citizens participation in urban renewal carried out by the Community Action Program

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
Canada Council	J.W. Graham	Publication of The Waves by Virginia Woolf
Canada Council	H.A. Hosse	Comparative Study of Regional Planning in Canada
Defence Research Board	C.J. Willis	Studies on the synthesis and properties of perfluoro-alkyl silicones
Defence Research Board	J.W. Lorimer	Thermal diffusion in ion-selective membranes
Defence Research Board	A.W.A. Brown	Factors in attractiveness of objects to adult Aedes Aegypti
Defence Research Board	P.A. Forsyth	VHF radio wave scattering in the ionosphere
Defence Research Board	D.R. Hay	Physics of the troposphere as related to UHF radio transmission
Defence Research Board	G.F. Lyon	Ionospheric studies using satellites
Defence Research Board	J.W. Lorimer	The Chemistry of Water-Repellant Compounds
Defence Research Board	J.F. Hart	Minimax approximation theory
Defence Research Board	M.M. Schnore	The effect of repetition and individual differences in short-term memory
Defence Research Board	P.W.M. Jacobs	Physical chemistry of solid fuel propellants
Defence Research Board	D.R. Miller	Numerical solutions in fluid mechanics
Defence Research Board	M. Schlesinger	Physical properties of crystals containing defects in excited states
Defence Research Board	E. Brannen	Submillimeter Maser Research
Defence Research Board	E. Lewis	Numerical solution of three-dimensional boundary layer equations
Defence Research Board	G.T. Lake	Graphic aids to computer programming
Dept. of Defence Production	A.W.A. Brown	DDT Residue at Fort Churchill Manitoba
Dow Chemical	P. deMayo	Chemical Research
Dupont of Canada	H.C. Clark	Chemical Research
Dow Chemical of Canada	A.W.A. Brown	Resistance hazard of Dursban for mosquitoes
Lake Dufault Mines	R.W. Hutchinson	A study of the Lake Dufault Mines
Essex-Kent Regional Tourist Council	E.G. Pleva	The Baldoon Study
Private Planning Association of Canada	G.L. Reuber	Atlantic Economics Studies
Dept. of Energy, Mines & Resources	W.H. Wehlau	Purchase of a Sky Atlas
Dept. of Economics & Development	E.G. Pleva	Regional Development Research Studies
New York Zoological Society	W.H. Holsworth	Ecological Comparison of Social Organization in Bison

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
Physics Research Equipment	A.E. Scott	Equipment Purchases
National Research Council	R.K.C. Chan	Equipment Grant
National Research Council	A.D. Edgar	Equipment Grant
National Research Council	W.H. Wehlau	Equipment Grant
National Research Council	H.C. Clark	Equipment Grant
National Research Council	J.B. Stothers	Equipment Grant
National Research Council	J.A. Blackwell	Equipment Grant
National Research Council	D.B. McMillan	Equipment Grant
National Research Council	E. Brannen	Equipment Grant
National Research Council	M. Schlesinger	Equipment Grant
National Research Council	G.F. Lyon	Equipment Grant
National Research Council	G.T. Lake	Equipment Grant
National Research Council	A.D. Edgar	Equipment Grant
National Research Council	H.C. Clark	Equipment Grant
National Research Council	B.G. Cumming	Equipment Grant
National Research Council	C.D. MacInnes	Equipment Grant
National Research Council	D.R. Bidinosti	Equipment Grant
National Research Council	E. Brannen	Equipment Grant
National Research Council	B.G. Cumming	Equipment Grant
National Research Council	P.A. Forsyth	Equipment Grant
National Research Council	P.W.M. Jacobs	Equipment Grant
National Research Council	R.F. Mereu	Equipment Grant
National Research Council	D.B. McMillan	Equipment Grant
National Research Council	H.C. Clark	Equipment Grant
Ontario Fuel Board	J.F. Hart	Studies of the use of information processing methods in the search for oil and gas in Ontario
Dept. of National Health & Welfare	M.S. Yuhasz & P.A. Rechnitzer	Effects of a twenty-week exercise program on Post Infarct and Clinically Healthy Males
Fisheries Research Board	G.L. Reuber	Economics Research
Foundations' Fund for Research in Psychiatry Grant	D. Kimura	The Development of Functional Brain Asymmetry in Normal Children and in Children with Reading Disability
National Research Council	C.J. Hickman	Fellowship for P.S. Ramakrishnan
National Research Council	P. de Mayo	Fellowship for D.P. Helmlinger
Ford Motor Company of Canada	P. de Mayo	Post-Doctoral Fellowship for Dr. Westfelt
Geological Survey of Canada	R.W. Packer	Repose slopes of Pleistocene material in Southwestern Ontario

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
Geological Survey of Canada	C.G. Winder	Microfauna of Kettle Point and Port Lambton Shales, Ontario
Geological Survey of Canada	G.G. Suffel	Comparison of structures and textures in Sulphide ores with those of metamorphic rocks
Dept. of Energy Mines & Resources	A.E. Beck	Seismic Observatory
Geological Survey of Canada	A. Dreimanis	Stratigraphic correlation of Glacial Deposits between Lake Huron and St. Lawrence Lowlands
Geological Survey of Canada	W.R. Church	Geological Research
Geological Survey of Canada	A.D. Edgar & R.W. Hutchinson	Comparative studies of lithium-bearing pegmatites
Geological Survey of Canada	A.C. Lenz	Upper Silurian and Lower Devonian brachiopods at Royal Creek area, Yukon
Geological Survey of Canada	G.M. Young	Stratigraphy, structure and sedimentology of the Precambrian rocks of Harrow
Dept. of Energy, Mines & Resources	V.W. Sim	Quantitative Observations on the Effects of Fluvial & Masswasting Processes on the Lake Erie Shorebluff
Dept. of Energy, Mines & Resources	W.R. Wightman	The Historical Geography of South Western Ontario, 1780-1960
Geological Survey of Canada	A.E. Beck	Determination of Underground Water Flows, Coronation Mine
Geological Survey of Canada	A. Dreimanis	Buried Soil in Banff National Park
Geological Survey of Canada	A. Dreimanis	Provenance of Diamonds in Glacial Drift, Great Lakes Region
Dept. of Energy, Mines & Resources	W.H. Wehlau	To supply refrigeration for Photo-multiplier
Dept. of Energy, Mines & Resources	W.H. Wehlau	Purchase of a Grating
Dept. of Highways	R. McDaniel	Patterns of travel to resorts in Southern Ontario
John Labatt Limited	C.J. Hickman	Botany Research Funds
Eli Lilly Company	P. de Mayo	Research on Natural Products
Lake Erie Regional Development Study	E.G. Pleva	Geographical Research
Dept. of Labour (Federal)	L. Parai	A Study in short term fluctuations in Canadian international migration 1964-65.
Dept. of Labour (Federal)	D.A. Chambers	An Appraisal of the skills and work potentials of mental health patients
Population Council	D.I. Pool	Processing and analysis of fertility survey data, collected in Ghana
Dept. of Labour (Federal)	R.C. Gardner	Labour and management stereotypes of Ethnic Groups
Dept. of Lands & Forests	R. Butler	Recreational land-use inventory

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
Dept. of Labour (Federal)	D.G.G. Kerr	Winnipeg Labour Politics
Mobiloil of Canada	A.E. Beck	Geophysics Research
Medical Research Council	K. Zachariah	Sporulation in pencillium and aspergillus
Medical Research Council	F.R. Wilkinson	Psychological Research
Dept. of Transport - Canada	D.R. Hay	Micrometerology of the Outer Layer of Frictional Influence
Dept. of Transport - Canada	R. C. Murty	For conduct of literature survey in the field of atmospheric electricity
Mobile Oil Company Ltd.	A. C. Lenz	Geological Research
Dept. of Transport Research Contract	R.C. Murty	Carrying out research directed towards the development of equipment and techniques for the detection and tracking of lightning strokes
Ontario Mental Health Fdn.	D.A. Chambers	Pharmacologic effects on response intergration
Ontario Mental Health Fdn.	Z.W. Pylyshyn	Content analysis of psychiatric interview transcripts
Ontario Mental Health Fdn.	H.O. Lobb	The effect of amphetamine on classical trace conditioning in mentally retarded and normal adults
Ontario Mental Health Fdn.	M. Rieber	Problem solving strategies in children as a function of age and intelligence
Ontario Mental Health Fdn.	R.C. Gardner	Verbal behavior of psychotics
Ontario Mental Health Fdn.	R.M. Knights	The effects of cerebral lesions in children on psychological test performance
Ontario Mental Health Fdn.	M.M. Schnore	Memory Ability for Visual Patterns in Elderly Psychiatric Patients
Ontario Mental Health Fdn.	T.F. Siess	An evaluation of teachers' assessments of children's adjustment
Ontario Mental Health Fdn.	D.N. Jackson	A research program in the assessment of psychopathology
Ontario Mental Health Fdn.	D.R. Pederson	Reaction of Infants & Children to Sensory Stimulation
National Research Council	J.F. Hart	Computer Science Research Seminar
National Research Council	P.A. Fraser	Theoretical studies in atomic collisions
National Research Council	J.B. Stothers	Reaction mechanism studies and N.M.R. Spectroscopy
National Research Council	J.F. King	Reductions and rearrangements
National Research Council	D.M. Graham	Photochemical investigations
National Research Council	T.K.R. Bourns	Host-parasite relationships of Trematodes in Ontario
National Research Council	P. de Mayo	Organic Chemistry
National Research Council	H.I. Battle	Embryonic responses of teleosts to selected protein and RNA inhibitors

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
National Research Council	W. Wehlau	Photometric and spectroscopic studies of peculiar A stars
National Research Council	A.J. Sukava	Cathode overpotential and surface-active additives in the electro-deposition of copper
National Research Council	C.J. Hickman	Biological and taxonomic studies of fungi, especially of plant pathogens
National Research Council	D.M. Scott	Biology of Passerine Birds
National Research Council	H.C. Clark	Science Scholarship award to Mr. W. J. Cherwinski
National Research Council	J.F. Hart	Least maximum approximation in more than one variable
National Research Council	D.B. McMillan	Studies in comparative histology
National Research Council	F.S. Cook	A study of pollen physiology
National Research Council	W.C. Howell	The chemistry of some aromatic and quinonoid systems
National Research Council	W.R. Church	Geochemistry of Eclogites
National Research Council	H.W. Baldwin	Oxygen 18 exchange studies of oxyanions in aqueous solution
National Research Council	W.E. McKeen	Electron microscopy and plant disease investigation
National Research Council	R.K.C. Chan	Physico-chemical effects of pressure
National Research Council	A.W.A. Brown	Biochemical genetics of DDT-resistance in mosquitoes
National Research Council	E. Brannen	Submillimeter physics research with a racetrack microton
National Research Council	J.H. Blackwell	Hydromagnetic boundary value problems
National Research Council	J.A. Fulford	Investigation of a high power transmitter
National Research Council	A.E. Beck	Terrestrial Heat Flow
National Research Council	D.B. Walden	Cytogenetic studies in Zea mays L
National Research Council	C.J. Willis	Studies on perfluoroalkyl derivatives of elements of groups III and IV
National Research Council	D.R. Bidinosti	Mass spectrometric studies of ionization phenomena and of high temperatures
National Research Council	J.W. Lorimer	Transport processes in ion-selective membranes
National Research Council	P.A. Forsyth	Radio physics of the high atmosphere
National Research Council	H.I.S. Ferguson	Ion beam spectroscopy of gases and solids
National Research Council	P.A. Forsyth	Rocket measurements of ionospheric inhomogeneities
National Research Council	W.W. Judd	Comparative morphology of internal and anatomy of muscoid diptera
National Research Council	M.H.A. Keenleyside	The reproductive behavior of some Ontario fishes

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
National Research Council	E.W. Warnhoff	Structural and stereochemical studies of terpenes and alkaloids
National Research Council	A.M. Wellman	Biological effects of liquid nitrogen on fungi
National Research Council	M. Schlesinger	Physical properties of crystals containing "defects" in excited states
National Research Council	C.D. MacInnes	A quantitative investigation of the ecology of Canada geese and other bird species nesting near the mouth of the McConnell River, N.W.T.
National Research Council	D. Naylor	Fourth order Eigenvalue problems
National Research Council	T.W.W. Stewart	Investigation of the physical basis of pitch perception
National Research Council	J.P. Denny	The relation of attributes, value and instances to concept formation
National Research Council	C.M. Carmichael	Rock magnetism, paleomagnetism and geomagnetism
National Research Council	R.F. Mereu	Deep and shallow crustal sounding research
National Research Council	A. Paivio	Meditation processes in verbal learning
National Research Council	J.B. Phipps	Evolution of genera in Arundinelleae
National Research Council	R.H. Stinson	A study of physiological and ecological differences in slugs of the genera Deroceras and Arion
National Research Council	T.J. Ulrych	Strontium and lead isotope variations and rubidium-strontium geochronology
National Research Council	A.D. Edgar	Hydrothermal investigations in melilites and related undersaturated minerals
National Research Council	P.B. Cavers	The Biology of weeds
National Research Council	R.G. Kidd	Nature of the metal-ligand bond in co-ordination complexes of metals
National Research Council	R.W. Hutchinson	Dynamic and thermal metamorphism of primary massive sulphide ores
National Research Council	P.W.M. Jacobs	Optical and electrical properties of crystals
National Research Council	G.F. Lyon	A study of the angular dependence of VHF auroral scatter
National Research Council	T.C.W. Mak	X-ray analysis of crystal structures
National Research Council	W.J.E. Meath	Investigation of new types of inter-molecular forces
National Research Council	R. Mitalas	Magnetic field annihilation in the earth's magnetosphere
National Research Council	A.E. Beck	Improvement in geophysical instrumentation and data reductions
National Research Council	M.E.L. Fleet	Structural chemistry of the iron, zinc, sulphide minerals

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
National Research Council	R.I. Greyson	Studies of hormonal integration in the growth and development of flowers
National Research Council	D.R. Moorcroft	The nature of radio-aural ionization
National Research Council	R.C. Murty	Gamma Ray investigation of heterogeneous materials
National Research Council	G.S. Rose	Laboratory simulation of solar wind geomagnetic field interaction
National Research Council	D.E. Smylie	Thermal convection in a central force wind
National Research Council	J.D. Talman	Theoretical research in quantum mechanical many-body systems and other quantum mechanical problems
National Research Council	H. Van der Laan	The theory of radio galaxies
National Research Council	F.R. Wilkinson	Perceptual tests of a proposed neuro-physiological theory of visual perception
National Research Council	D.C. Wilson	Physiological studies on organic acids
National Research Council	C.G. Winder	Carbon clasticity, dolomitization and insoluble residues of Middle Ordovician limestones
National Research Council	M.M. Ali	Estimation of Parameters of a contaminated distribution
National Research Council	J.E. Steele	Metabolic and developmental regulatory mechanism in insects
National Research Council	E.G. Cumming	The control of germination and flowering in relation to phytochrome and endogenous circadian rhythms
National Research Council	L. Orloci	Ecological informativeness of quantitative analyses
National Research Council	E.L. Vogan	Solar-terrestrial disturbances
National Research Council	H.C. Clark	Studies of Organometallic and coordination compounds
National Research Council	G.J. Magenson	Studies in physiological psychology
National Research Council	C.E. Caten	Genetical Studies on wild populations of fungi
National Research Council	L.M. Manshina	Investigation of seismic source mechanism and surface wave dispersion with ultra-sonic models
Department of Philosophy Research Fund	J. Margolis	Research in Philosophy
Department of Psychology Research Fund	M. Wright	Research in Psychology
Public Health Service (U.S.)	A.W.A. Brown	Mosquito resistance to insecticide and chemosterilants
Public Health Service (U.S.)	P. de Mayo	The constitution of Primycin
Department of University Affairs	G.G. Suffel	Nature and origin of certain sedimentary handed iron formations of Ontario

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
Department of University Affairs	D.G. Wilson	An investigation of the organic acids in succulent plants
Department of University Affairs	D.A. McLarty	Studies on the growth and control of species of Cladophora under laboratory conditions
Department of University Affairs	J.F. King	Dipolar cyclic intermediates
Department of University Affairs	W.H. Wehlau	A study of very low dispersion objective prism spectra, and associated photometry
Department of University Affairs	J.B. Stothers	NMR studies of the dependence of vicinal coupling constants on molecular geometry
Department of University Affairs	A. Dreimanis	Relationship of lithologic and granulometric composition of till to bedrock and older Pleistocene sediments, which have been traversed by glacier
Department of University Affairs	T.K.R. Bourns	Studies on host parasite relations
Department of University Affairs	D.B. MacMillan	A histochemical study of developmental stages of the plasmalyte
Department of University Affairs	W.R. Church	Stratigraphy, structure and sedimentology of the Proterozoic rocks north-east of Manitoulin Island
Department of University Affairs	M.H.A. Keenleyside	Comparison of habitat of brook trout and juvenile Atlantic Salmon
Department of University Affairs	J.F. Hart	Trend surface analysis of the Paleozoic geology of Southwestern Ontario
Department of University Affairs	D.R. Miller	Research on convection cells in fluids
Department of University Affairs	J.E. Steele	Studies insect blood proteins
Department of University Affairs	R.A. Haines	Resolution and studies of optically active halogenoacetato complexes of cobalt (III)
Department of University Affairs	J. Starkey	An investigation into the fabrics produced in rock by recrystallation under stress
Department of University Affairs	P.B. Cavers	The ecology of weeds and of plants growing on unstable gravel banks in southwestern Ontario
Department of University Affairs	L.K. Chan	Convergences of estimates
Department of University Affairs	B.G. Cumming	Rythmic processes and the control of flowering
Department of University Affairs	H.R. Froelich	Development of a three orbit racetrack microtron
Department of University Affairs	D.F. Gray	1. Stellar absorption line profiles 2. Photoelectric photometer
Department of University Affairs	W.N. Holsworth	Ecology and social behavior of the white tailed deer in Ontario

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
Department of University Affairs	D.H. Hunter	Acidity of formyl protons
Department of University Affairs	A.C. Lenz	Middle and Upper Silurian Paleogeography and Biostratigraphy of southern Ontario
Department of University Affairs	T.C.W. Mak	X-ray crystallography
Department of University Affairs	R.K. Misra	Genetical aspects of variations among populations of Canada Geese
Department of University Affairs	R.C. Murty	Electrical Studies of Thunderstorms
Department of University Affairs	R.W. Packer	Ice-effect study
Department of University Affairs	J. Purko	Biological action of the "chemosterilant" hempa (hexamethylphosphoric triamide) and mechanism of resistance to its effects
Department of University Affairs	R.R. Roth	Metabolic pathways of steroid hormones in freshwater teleosts
Department of University Affairs	R.D. VanHuystee	Nucleic acid metabolism in plants
Geology Symposium Grant	R.W. Hutchinson & A.D. Edgar	Experimental methods in Petrology and Ore Genesis
National Aeronautics and Space Administration	H.I.S. Ferguson	Theoretical and experimental studies in astrophysics
Schering Corp. Ltd.	P. de Mayo	Research in Chemistry
J.B. Smallman Memorial Research Fund	M.K. Inman	Research in Humanities and Social Sciences
Canadian National Sportmen's Fund	D.A. McLarty	To promote Algae studies
Squibb Institute	P. de Mayo	Studies in photochemical rearrangement of hetero-systems
Alfred P. Sloan Fdn.	J.F. King	Research Fellowship in Chemistry
Canadian National Sportmen's Show	P.B. Cavers	Study of the ecology of a number of plant species along the banks of rivers and streams in south-western Ontario
Canadian National Sportmen's Show	T.K.R. Bourns	Blood Fluke Disease in Ducks
Canadian National Sportmen's Show	W.N. Holsworth	Ecological and Social Behavior of the white tailed deer
Department of Health and Welfare (U.S.)	B.D. Singer	Detroit Riot Study
Canadian National Sportmen's Show	C.D. MacInnes	Zoological Research
Canadian National Sportmen's Show	C.D. MacInnes	Zoological Research
National Research Council	G.F. Beckhoff	Graph applications in system theory
National Research Council	D. Borwein	Summability of series and integrals
National Research Council	P.A. Forsyth	Additional high atmosphere research

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Projects</u>
National Research Council	H.R. Froelich	Race-track microtrons as medium energy accelerators
National Research Council	R.A. Haines	Investigations of metal complexes with thiosemicarbazide
National Research Council	W.H. Holsworth	Social Behavior, Ecology and Population Control of Mammals
National Research Council	D.H. Hunter	Stereochemistry of anions stabilized by B Methoxy Groups
National Research Council	R.W. Hutchinson	Electron probe study of pyrrhotite
National Research Council	W.R. Jarmain	Theoretical studies of diatomic band intensities
National Research Council	T.M. Luke	Unstable particles in S-matrix theory
National Research Council	P.W. Manuel	Magnetic phenomena on the sun
National Research Council	M.A. Nerenberg	Excited states of 3-electron atoms
National Research Council	H.C. Palmer	Paleomagnetic investigations
National Research Council	P. Reynolds-Warnhoff	Rearrangements of di-secondary epoxides of fixed stereochemistry
National Research Council	M. Sibuya	Development of computer programs for statistical analysis
National Research Council	J. Starkey	A quantitative study of the crystal orientations in both natural and synthetically deformed rocks
National Research Council	G.G. Suffel	Relationships of dikes to Canadian massive sulphide ores
National Research Council	E.W. Warnhoff	Preparation and reactions of aliphatic fluorine and other halogen compounds
National Research Council	G.M. Young	Regional investigation of sedimentology and provenance of the gowganda formation
National Research Council	Lai Kow Chan	Rate of convergence of maximum likelihood and best linear estimates
National Research Council	Z.W. Pylyshyn	Development of techniques and programs for computer analysis of spoken text, with special reference to psychiatric interviews
National Research Council	M. Rieber	Sudden acquisition as an index of mediation in children
National Research Council	A.A. Monjan	Functional properties of cerebellar sensory areas
National Research Council	H.M. Simpson	Pupillary activity during imagery tasks
National Research Council	S.C.R. Dennis	The study of asymmetrical motions of a viscous fluid
National Research Council	R.B. Van Huystee	Effect of irradiation on nucleic acid and protein metabolism in plants
National Research Council	J. Purko	Mechanisms underlying processes in early embryogenesis and cell division
National Research Council	G.F. Beckhoff	Graph application in system-theory

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
National Research Council	Y.F. Bow	Theoretical study on nuclear magnetic moments and nuclear magnetic transitions
National Research Council	R.H. Cole	General Boundary conditions for ordinary differential equations
National Research Council	A. Dreimanis	Studies of Wisconsin tills in southwestern Ontario
National Research Council	D.F. Gray	Model Atmospheres
National Research Council	D. Kimura	Functional asymmetry of the brain in perception
National Research Council	A.C. Lenz	Upper Silurian and Lower Devonian Biostratigraphy of Royal Creek, Yukon and South Nahanni Region, North West Territories
National Research Council	R.K. Misra	Genetic aspects of variations among populations of Canadian Geese
National Research Council	D.R. Pederson	Childrens reactions to non-reward facilitation and interference effects
National Research Council	Z.W. Pylyshyn	Development of techniques and programs for computer analysis of spoken test
National Research Council	W.J. Richards	An acoustic investigation of laser beat frequencies using Piezo-electric crystals
National Research Council	R.R. Roth	Steroid hormone metabolism in vertebrates
National Research Council	B.L.R. Shawyer	Summibility of series and integrals
National Research Council	G.T. Lake	IBM 7040 and ancillary equipment
National Research Council	A.S. Deakin	Asymptotic solutions in wave propagation
National Research Council	R.N. Farvolden	Regional hydrogeology in Southern Ontario
National Research Council	R.C. Jancey	Numerical techniques in plant taxonomy
National Research Council	D. Fahselt	Analysis of secondary plant substance in Dicentra
National Research Council	D.G. Davis	Genetic control and ontogeny of pteridine metabolic pathways in drosophila
National Research Council	D.M. Oglvie	Temperature selection and cold tolerance in the eastern cowbird, <i>Molothrus ater</i>
National Research Council	S.B. Kendall	Studies of temporal conflict
National Research Council	P.W. Whippey	An investigation of defect states in rare earth doped MF ₂ , Ba, Sr.
National Research Council	H.G. Murray	Stochastic models of response latency
National Research Council	J. Jones	The determination of the electron density profiles of meteors trains
National Research Council	B.Y. Tong	(a) Studies in one-dimensional alloys (b) Studies of non-linear optics in crystals
National Research Council	J.T. Hawkins	The interactive effects of intensity and waveform of shock on behavior
National Research Council	R.R. Shivers	Fine structure of crayfish neurosecretory organs
National Research Council	J.A. George	Induced sterility in insects

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
National Research Council	P.G. Sutterlin	An integrated data processing system for geological data
National Research Council	D.R. Moorcroft	Feasibility, cost and design study of a Thomson Scatter Ionospheric Radar System
National Research Council	C.J. Mogenson	Neural mechanisms of motivation and learning
National Research Council	W.E. Bonnice	Research related to Sylvester's theorem and Motzkin's conjecture
National Research Council	C.H. Vanderwolf	Neural mechanisms of voluntary movement
National Research Council	M.S. Haq	Local Structural analysis for discrete statistical models
National Research Council	F.M. Van Fleet	Behavioral effects of pre-time out stimuli
National Research Council	F.P.A. Cass	Summability of series and integrals
National Research Council	T.M. Viswanathan	Semi-valuations and ordered rings
National Research Council	I.A. Sakmar	Regge crossing and differential cross sections
U.S. Office of Naval Research	D.C. Bradley	Research on compounds containing transition metals bonded to sulfur, selenium or tellurium
U.S. Office of Naval Research	G.S. Rose	Atmospheric physics research
U.S. Air Force Office of Scientific Research	D.R. Hay	Investigation of dual cavity refractometer measurements at high relative humidities
U.S. Air Force Office of Scientific Research	R.W. Nicholls	The study of electronic structure, band intensities and modes of excitation of molecular species
U.S. Air Force Office of Scientific Research	D.R. Bidinosti	Some thermochemical studies by mass spectrometry
U.S. Air Force Office of Scientific Research	P.W.M. Jacobs	Research in Photochemistry in solids
U.S. Air Force Office of Scientific Research	P.W.M. Jacobs	Investigation and evaluation of data concerning the decomposition of ammonium perchlorate
U.S. Air Force Contract	D.R. Hay	Research directed towards a study to reduce temperature and humidity transient effects on stability for the high-frequency capacitive microwave refractrometers
University of Western Ontario	L. Ignatieff	Russian Research
University of Western Ontario	M.D. Rush	Political Science Research
University of Western Ontario	H.B. Mayo	Assistance in extensive library bibliographical research for manuscript
University of Western Ontario	H.K. Khanh	Political Science Research
University of Western Ontario	A. Levin	Historical Research
University of Western Ontario	R. Neuhauser	Anthology of Russian Literary criticism
University of Western Ontario	E. Beaman	The analytic-synthetic distinction and its bearings upon descriptive metaphysics
University of Western Ontario	A.H. Johnson	Research on New Book
University of Western Ontario	D.J. Hockney	Modal logic
University of Western Ontario	C.D. Rollins	Philosophical Research

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
University of Western Ontario	R.A. Hohner	Bishop James Cannon, Jr.
University of Western Ontario	G.H. Seufert	Medieval and 17th Century German literature
University of Western Ontario	W.C. Henry	Present problems in contemporary philosophy
University of Western Ontario	S.C. French	Suicide and the categorical imperative
University of Western Ontario	M.E. Williams	Friedrich Nietzsche: Artist of Thought
University of Western Ontario	H.J. Johnson	The five ways and the four causes
University of Western Ontario	A.R. Littlewood	Ioannes Geometres
University of Western Ontario	W.K. Wilson	Interpretations of modal logic
University of Western Ontario	A. Anderson	(1) Critical anthology of German literature (2) Freidrich Spielhagen
University of Western Ontario	D.G.G. Kerr	Canadian Federal Elections
University of Western Ontario	R.E. Butts	William Whewell's Philosophy of Science
University of Western Ontario	P. Maynard	Representation
University of Western Ontario	I. Block	A study of Aristotle
University of Western Ontario	J.W. Davis	Berkeley's Design
University of Western Ontario	A.M. Schrecker	Completion of index and revision of notes for Leibiniz: Monadology and other Philosophical Essays (trans by Paul and Anne Schrecker, Bobbs-Merrill)
University of Western Ontario	P.A. Angeles	Philosophy of Religion
University of Western Ontario	R.W. Binkley	Philosophical Application of Modal Logic
University of Western Ontario	D.E. Gerber	Classical Research
University of Western Ontario	M. Zaslów	The opening of the Canadian North
University of Western Ontario	G.L. Tracy	Anthology of German Literature
University of Western Ontario	I.K. Steele	Early 18th Century Colonial Administration
University of Western Ontario	A.M. Hyatt	Sir Arthur Currie
University of Western Ontario	E. Beecroft	Local Government
University of Western Ontario	H.B. Timothy	The Galt Family
University of Western Ontario	J.C.M. Ogelsby	Canada and Latin America
University of Western Ontario	R. Emerson	English Deism
University of Western Ontario	F.H. Armstrong	Early History of Ontario
University of Western Ontario	R.C. Overton	American Railway History
University of Western Ontario	J.P. McLaughlin	French Revolution
University of Western Ontario	L.P. Singh	Study on Indonesian Foreign Policy
University of Western Ontario	H.A. Hosse	Comparative study of planning and operational aspects of regional development & resource management
University of Western Ontario	C.A. Ruud	Russian History
University of Western Ontario	P. Althoff	Book entitled "Communist Policies toward Latin America"

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
University of Western Ontario	B.B. Kymlicka	Revision of doctoral dissertation for publication
University of Western Ontario	P. Neary	History of the Atlantic Provinces - History of Anglo-American Canadian relations
University of Western Ontario	H. Spencer	Friedrich Theodor Vischer
University of Western Ontario	V. Broege	Gaius Calpurnius Piso Caesoninus
University of Western Ontario	G. Pearce	Research on the completeness problem of higher order modalities
University of Western Ontario	H.K. Kalbfleisch	German Research
University of Western Ontario	W.B. Hamilton	History of Canadian Education
University of Western Ontario	A. Marras	The Logic of Intentionality
University of Western Ontario	R.N. Bronaugh	The formal conditions of ethics
University of Western Ontario	E. Froese	Text Book on Russian Syntax
World Health Organization	A.W.A. Brown	For the performance of investigations on the Insecticide-Resistance Problem
Wildlife Management Institute	C.D. MacInnes	Study of the Canada Geese and other birds which nest at the mouth of the McConnell River, near Eskimo Point, North West Territories
Canadian Wildlife Service	C.D. MacInnes	1. Banding Canada Geese and Blue and Snow Geese in the McConnell River Area, N.W.T. 2. Study of Family Group Behavior of Blue Geese in the McConnell River Area, N.W.T.
Arctic Institute of North America	C.D. MacInnes	Quantitative study of the ecology of Canada Geese and other bird species
Canadian National Sportsmen's Show	C.D. MacInnes	A study on the growth and development of Young Canada Geese
Woodrow Wilson Research Fund	G.L. Reuber	Economics Research
University of Western Ontario	M. Ondaatje	English Research
University of Western Ontario	J. Warwick	The Long Journey
University of Western Ontario	C. Margolis	Methods of directing and methods of teaching drama in University Theatres in Britain
University of Western Ontario	C.E. Sanborn	Criticism of E.S. Dallas, A Victorian Writer
University of Western Ontario	D. Conklin	The cost of Municipal Services
University of Western Ontario	J.C. Leith	Demand in International Trade
University of Western Ontario	G. Gallais-Hamonno	Contribution of the Economic Growth of an Economic Integration
University of Western Ontario	R.W. Baguley	Implications of Capital Movements for Monetary and Fiscal Policies
University of Western Ontario	P. O'Brien	Commercial Bank Portfolio Behavior in Canada
University of Western Ontario	E. Saraydar	The Impact of Early Unionism on Wages
University of Western Ontario	P. Tomlinson	Some Problems in Pure and Applied Welfare Economics
University of Western Ontario	K. Suryatmodjo	A Liquidity Preference Function of Canadian Monetary Institutions

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
University of Western Ontario	T. Finn	A Study of Multisector Growth Models
University of Western Ontario	F.R. Atance	L'Évangélisme de Marg. de Navarre
University of Western Ontario	J. Reaney	Dramatic and Literary Criticism
University of Western Ontario	D.J.M. Duncan	Edition of Bartholomew Fair
University of Western Ontario	T.R. Balakrishnan	Analysis of the structure and growth of Canadian Cities
University of Western Ontario	L.O. Stone	Urban Development in Canada
University of Western Ontario	B.D. Singer	The Communications Environment of Disadvantaged Youth
University of Western Ontario	E.T. Pryor	Population Reconstruction Through the Use of Vital Statistics Records
University of Western Ontario	J. Kantner	Factors in Canadian Fertility
University of Western Ontario	R.W. Osborn	Changing mortality trends in Canada
University of Western Ontario	H.Y. Kim	Structural Balance and Adoption and Diffusion of an Innovation Images of Man and Attitudes towards the Social Failures of other Men
University of Western Ontario	C.E. Nobbe	Contextual Determinants of Family Size
University of Western Ontario	G.K. Jarvis	Ecological Analysis of Canadian Metropolitan Areas
University of Western Ontario	J.D. Allingham	Study of Illegitimate Conception: The Demographic and other Factors in Rate Fluctuations 1925-63
University of Western Ontario	D.I. Pool	Ghana Fertility Survey
University of Western Ontario	D.F. Jones	Study of Jean Campistron
University of Western Ontario	L.M. Heller	Pascelian Themes in Apologies from 1600-60
University of Western Ontario	L. Forsyth	Moliere: Comedy and Ambivalence
University of Western Ontario	W.S. Bush	Poetry and Prophecy
University of Western Ontario	R.L. Walters	A Study of Voltaire and Science
University of Western Ontario	J.B. Sanders	Naturalist Disciples of Emile Zola
University of Western Ontario	D.F. Chaplin	English Poetry of the Late Middle Ages and Anthology
University of Western Ontario	R.G. Woodman	Romantics as Critics of each other
University of Western Ontario	H.R. Wilson	Tapes, N.S. Field Records
University of Western Ontario	A. Straulman	The Clandestine Marriage
University of Western Ontario	J.A.B. Somerset	Pre-Elizabethan Players
University of Western Ontario	G. Rans	Books on Cooper
University of Western Ontario	B.G. Dobbs	Anthology of French-Canadian Literature
University of Western Ontario	P. Cardinal	Descriptive Stylistics of the French-Canadian Language
University of Western Ontario	W.J. L'Heureux	The Measurement of Athletes at the Pan American Games

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
University of Western Ontario	C. Beigie	The effect of a capital gains tax on Foreign Investment in Canada. Critical Study of 18th Century Tragedy
University of Western Ontario	T.M. Brown	Specification and Uses of Econometric Models (Book)
University of Western Ontario	K. Burley	Trends in Canadian Economic Growth in the Nineteenth and Twentieth Centuries
University of Western Ontario	T. Courchene	Liquidity - Domestic and International
University of Western Ontario	S.B. Gupta	A Theory of a Growing Economy - Part Two
University of Western Ontario	C. Hodgins	The Economics of Scale: Some Evidence for Canadian and U.S. Manufacturing Industries
University of Western Ontario	J. Melvin	Theoretical Research in Economics
University of Western Ontario	L. Parai	Post-War Migration and Canadian Economic Development
University of Western Ontario	S.G. Peitchinis	The Economics of Poverty
University of Western Ontario	T.R. Robinson	Built-in Flexibility under the Carter Tax System. Burden of the Public Debt in a Keynesian System
University of Western Ontario	W. Vickery	The Economics of the Negro Migration
University of Western Ontario	R.J. Wonnacott	Effective Protection in a general Equilibrium Context
University of Western Ontario	W.D. Walsh	(a) An Analysis of Skill Adjustment Among Unemployed Skilled Workers (b) Trends in Selected Canada - United States Occupational and Industrial Wage Rate Differentials
University of Western Ontario	K. Kadiyala	Efficiency of the Least Squares Estimators when the Errors Follow a First-Order Stationary Markov Process
University of Western Ontario	R.G. Bodkin	Future United States Economic Growth
University of Western Ontario	G.L. Reuber	President - Canadian Economic Assoc.
University of Western Ontario	C.E. Wilson	Editorial Readability
University of Western Ontario	R.G.N. Bates	(a) Joyce (b) A Study of Poetry and Translation
University of Western Ontario	A.C. Bolgan	Book on the Waste Land
University of Western Ontario	T.J. Collins	(a) Letters of Robert Browning to Alfred Tennyson (b) A Catalogue of Extent Tennyson Literary Manuscript
University of Western Ontario	A.B. Conron	Canadian and Commonwealth Writers
University of Western Ontario	E.J. Devereux	A Biographical and Bibliographical Study of John Rastell
University of Western Ontario	J.W. Graham	(a) Completion of a critical study of Virginia Woolf (b) Preparation for publication of The Waves
University of Western Ontario	V.M. Hoar	Research into the On to Ottawa Trek
University of Western Ontario	N. Hultin	(a) A Study of late medieval poetics (b) Attitudes towards the English Language

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
University of Western Ontario	D.C. Kaula	Research in a set of new Shakespeare Sources leading to a book-length study
University of Western Ontario	C.F. Klinch	British-Canadian background of Canadian literature
University of Western Ontario	L.J. Morrisey	The Tragedies of Edward Young
University of Western Ontario	G.D. Parker	Edition of the Tragedies of James Thomson
University of Western Ontario	B. Rajan	The Lofty Rhyme: A Study of Milton's Major Poetry
University of Western Ontario	N.L. Nicholson	Miscellaneous Projects
University of Western Ontario	A.U. Paivio	Mediating Processes in Verbal Learning
University of Western Ontario	H.O. Lobb	Some determinants of Partial Reward and Discrimination Effects
University of Western Ontario	R.C. Gardner	Analysis of Language Behavior
University of Western Ontario	R.N. Shervill	Research Bulletins
University of Western Ontario	A.A. Monjan	Enhancement of the Shock-Evoked Response Complex with Punctate Visual Stimulation
University of Western Ontario	D.R. Pederson	Preparation of Apparatus and Stimuli and Data Analysis for reactions of Infants and Children to Auditory and Visual Stimulation
University of Western Ontario	Z.W. Pylyshyn	Dimensions of Syntactic Structures
University of Western Ontario	N.J. Vidmar	Effects of Size and Task Type on Group Productivity and Member Satisfaction
University of Western Ontario	H.G. Murray	Effects of Pre-Exposure to Loud or Soft Tones upon Auditory Reaction Time
University of Western Ontario	O.P. Langtvet	An Analysis of structural changes in the Agricultural Geography of South-Eastern Norway
University of Western Ontario	J.T. Partington	A Person-Cognition Paradigm for Exploring Theoretical Issues in Social Psychology
University of Western Ontario	W.E. Reitz	Word Association as a Personality Assessment Technique
University of Western Ontario	A.J. Conger	Some Methodological Consideration of Considerations of Multidimensional Scaling and Vector Preference Models
University of Western Ontario	F.M. Van Fleet	Frustrative Effects of Time-Out from Positive Reinforcement
University of Western Ontario	S.B. Kendall	The Reinforcing Effects on Information
University of Western Ontario	J.T. Hawkins	Study of the Interactive effects of Intensity and Wave Form of Shock on Behavior
University of Western Ontario	W.J. McClelland	Infantile Emotional Experience
University of Western Ontario	J. Asensio	Miscelanea Hispanica
University of Western Ontario	E.M. Bjorklund	Cross Cultural investigations for Sample Cultures
University of Western Ontario	T.F. Siess	Experimental and Psychometric Studies of Vocational Behavior

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
University of Western Ontario	W. Flint	Minor Figures of the Generation of 1898 Writers and Painters
University of Western Ontario	A.M. Marti	The Influence of the Far East Writers on Golden Age Spanish Mystics
University of Western Ontario	C.F.J. Whebell	The Cultural Geography of the Norfolk Sand Plain
University of Western Ontario	M. Rieber	Political Attitudes and Games strategies
University of Western Ontario	J.C. Newman	Prose and Poetry of Pedro Salinas
University of Western Ontario	A.K. Philbrick	Measurement of Functional Diversity
University of Western Ontario	R.M. Knights	Neuro-Psychological Equipment and Supplies
University of Western Ontario	R.N. Shervill	Miscellaneous Projects
University of Western Ontario	R.B. Van Huystee	Irradiation Effects on Protein and their Synthesis in Plants
University of Western Ontario	J.M. Marlborough	Properties of the Circumstellar Emission Lines
University of Western Ontario	M.J. Moorehead	Spectroscopy and Photometry of Late Type Variable Stars
University of Western Ontario	J. Purko	Mechanisms underlying processes in early embryogenesis and cell division
University of Western Ontario	R.K. Chan	Chemical Research
University of Western Ontario	D.A. McLarty	The control of Nuisance Algal Growths by Chemical Means
University of Western Ontario	A.D. Edgar	Experimental Petrology
University of Western Ontario	D.G. Wilson	Biochemical Studies on Organic Acids
University of Western Ontario	F.S. Cook	A Study of Pollen Physiology
University of Western Ontario	T.K. Bourns	Host-Parasite Relations of Trematodes in Ontario
University of Western Ontario	W.C. Howell	The Chemistry of Some Aromatic and Quinonoid Systems
University of Western Ontario	L.K. Chan	Mathematical Research
University of Western Ontario	W.E. Bonnice	Geometrical Aspects of Functional Analysis
University of Western Ontario	P.W.M. Jacobs	Chemical Research
University of Western Ontario	A.E. Beck	Dr. Carey's Symposium: Permian and Triassic in relation to Continental Drift and Expanding Earth Hypothesis
University of Western Ontario	C.H. Liu	Physics Research
University of Western Ontario	R.G. Kidd	Chemical Research
University of Western Ontario	A.E. Scott	Miscellaneous Projects

MUSEUMS

Department of Tourism and Information	W. Jury	Ste. Marie I Project
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<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
Department of Tourism and Information	W. Jury	Penetanguishene Project
Department of Tourism and Information	V.T. Mould	Ste. Marie I Interpretative Museum

SCHOOL OF BUSINESS ADMINISTRATION

Bell Telephone Company	J.J. Wettlaufer	Business Information Systems
The Ford Foundation	J.J. Wettlaufer	Business Research
Sundry Donors	J.J. Wettlaufer	Business Research
U.S. Steel Production	J.J. Wettlaufer	Business Research
Task Force on Labour Relations	J.J. Wettlaufer	Employer approaches and practices in Industrial Relations

SCHOOL OF NURSING

Ontario Department of Health	C. Dauk	Preoperative Hysterectomy Patients
Frances Cumming King	R.C. Aiken	School of Nursing Research Fund
School of Nursing Council	R.C. Aiken	School of Nursing Research Fund

FACULTY OF ENGINEERING SCIENCE

Atomic Energy of Canada Limited	E.S. Nowak	To check the enthalpy change of heavy water between the temperatures of 480 F and 560 F
Atomic Energy of Canada Limited	C. Roy	The relationship between built-up stresses and the breakdown process in oxide films on zirconium alloys
Atomic Energy of Canada Limited	G.A. Geach	An investigation of the development of U_3S_4 with a fine and uniform dispersion of another phase
H.G. Acres & Company	R.M. Quigley	Soil Mineralogy
American Electric Power Service Corporation	A.G. Davenport	Model investigation of the static and dynamic behavior of a 1200 ft. stack for turbulent boundary layer flow
J.P. Bickell Foundation	R.M. Dillon	Engineering Education
J.P. Bickell Foundation	R.M. Dillon	Special Equipment Grant
British American Oil Company	J.E. Zajic	Oil Algal Toxins in refinery effluent waste
International Nickel Co. of Canada Limited	G.A. Geach	For the purchase of laboratory equipment
National Research Council	J.W. Stewart	Particles Dispersion Study
Canadian Steel Industries	B.J. Vickery	The behavior at collapse of simple elastoplastic structure under the action of wind loads
Canadian Bridge	A.G. Davenport	Aerodynamic study of the Narrows Suspension Bridge, Halifax
E.I. Dupont de Nemours & Company	A.G. Davenport	Constructing and testing of various wind tunnel models
University of Western Ontario	E.S. Nowak	Engineering Research
University of Western Ontario	M.P. Poucher	Circular concrete pipe reinforced with deformed welded wire fabric

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
University of Western Ontario	E.F. Wahl	Agglomerate size analysis
University of Western Ontario	G.F. Chess	Bio-medical telemetry
University of Western Ontario	I.I. Inculet	Dispersion and coalescence of fog droplets by means of Electrostatic charging
University of Western Ontario	R.K. Swartman	Investigation of Television in Engineering Teaching
University of Western Ontario	J.E.K. Foreman	Investigation of stress concentration and notch sensitivity in alloys
University of Western Ontario	B.J. Vickery	The influence of turbulence on vortex shedding
University of Western Ontario	J.S. Sheasby	A determination of the oxygen self diffusion in niobium pentoxide
University of Western Ontario	K.A. Shelstad	Catalytic Ammoxidation of Hydrocarbons
University of Western Ontario	J.S. Sheasby	The high temperature oxidation of metals
University of Western Ontario	R.M. Dillon	Summer Research Projects
National Research Council	A.C. Davenport	Special Grant for Equipment
National Research Council	E.S. Nowak	Special Grant for Equipment
Medical Research Council	J.E.K. Foreman	Special Grant for Equipment
National Research Council	C. Roy	Special Grant for Equipment
Medical Research Council	J.E.K. Foreman	Special Grant for Equipment
National Research Council	A.G. Davenport	Special Grant for Equipment
National Research Council	R.M. Quigley	Special Grant for Equipment
National Research Council	J.M. Beeckmans	Special Grant for Equipment
National Research Council	A.G. Davenport	Special Grant for Equipment
National Research Council	I.I. Inculet	Installation of service sterilizer unit
National Research Council	J.E. Zajic	Special Grant for Equipment
National Research Council	G.A. Geach	Postdoctoral Fellowship - I.J. Duerden
Department of Mines and Technical Surveys	W. Bulani	Research in Mineral Processing
H.Q. Golder & Associates	R.M. Quigley	Clay minerology soils from three slope failures in British Columbia
Geacon Limited	R.M. Quigley	Soil Minerology
General Steel Wares Ltd.	J.E.K. Foreman	High speed camera analysis of operating characteristics of washing machine spin backed braking mechanism
Ontario Department of Health	I.I. Inculet	Air pollution control
Ontario Department of Health	W. Bulani	Chemical reactor and separator design studies for the reduction of atmospheric pollution
Ontario Department of Health	K.A. Shelstad	Catalysis in Air Pollution
Ontario Department of Health	J.M. Beeckmans	Sonic deposition of smoke and dusts on filters
Department of Highways	R.M. Quigley	Soil mineralogy and Physico-chemistry, CNR Bridge at Tye

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
Ontario Department of Health	J.E. Zajic	Specialized laboratory equipment for training in air pollution control
Ontario Department of Health	J.M. Beeckmans	Atmospheric Lead Sampler
Estate of the late Edna E. Jeffery	R.M. Dillon	Engineering Science Research
National Research Council	A.G. Davenport	Aeroelastic and aerodynamic behavior of structural shapes in turbulent and laminar flow
National Research Council	L.S. Lachland	Multi-input control device
National Research Council	W. Bulani	Study of electrochemical effects on chemical and physical rate-processes
National Research Council	L.G. Soderman	Field determination of dynamic properties of Ontario soils
National Research Council	E.S. Nowak	Experimental investigation of the thermo-physical properties of heavy and light water
National Research Council	R.M. Quigley	Relation of soil properties to mineralogy fabric and structural anisotropy
National Research Council	M.M. Young	Interfacial and rheological phenomena in disperse systems
National Research Council	K.A. Shelstad	Studies in contact catalysis and related phenomena
National Research Council	N.J. Gardner	Use of concrete filled steel tubes as columns
National Research Council	I.I. Inculet	Static electricity in high vacuum
National Research Council	R.K. Swartman	Solar energy for absorption refrigeration
National Research Council	G.S. Emmerson	Leidenfrost phenomena
National Research Council	G.A. Geach	The relationship between the high-temperature strength and creep of engineering materials and their structure
National Research Council	W.H. Peacock	Undrained strength of sands under cyclic loading conditions
National Research Council	C. Roy	Dislocations and the strength of bicrystals of calcium fluoride
National Research Council	P. Zaloudik	Study of residence times of fluid in continuously stirred tank reactors
National Research Council	H.W. Lord	An experimental investigation concerning the heat transport equation as applied in thermoelasticity
National Research Council	B.J. Vickery	Wind effects on buildings and structures
National Research Council	J.M. Beeckmans	Floc densities in coagulating soils
National Research Council	J.D. Brown	Vacuum deposited thin film
National Research Council	J.S. Sheasby	An investigation of high temperature oxidation of niobium
National Research Council	J.E. Zajic	Biochemical engineering process studies
National Research Council	M.A. Bergougnou	Design and scale-up fundamentals for fluid bed and transport reactions

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
National Research Council	A.J. Frick	The effect of cross section inertia in impulsively loaded rigid-plastic structures
National Research Council	S.H. Abu-Sitta	Analytical and experimental investigation of static and dynamic behavior of thin surfaces of revolution
National Research Council	I.J. Duerden	Weldability of polyphase nickel alloys
National Research Council	A.T. Olson	Boundary layer control by suction in conical diffusers
National Research Council	A. Satter	Heat flow through porous media as applicable in the recovery of heavy oils from petroleum reservoirs
National Research Council	E.F. Wahl	Distillation column dynamics and mass transfer processes
Medical Research Council	J.E.K. Foreman	Fluid dynamic model studies of blood flow and artery dilatation
PHRE Apparatus Fund	W.H. Peacock	For the construction of equipment
Anonymous	R.M. Dillon	Research in Engineering Science
John Labatt Limited	R.M. Dillon	Research in Engineering Science
Department of University Affairs	K.A. Shelstad	Infra-red spectroscopy of molecular adsorbed on catalytic surfaces
National Aeronautics and Space Administration	A.G. Davenport	Investigation of Ground Wind Loads on Space Vehicles
United States Steel Fdn.	G.A. Geach	Research in Engineering Science
United States Steel Office Building Contract	A.G. Davenport	Wind Tunnel Research
United States Steel Building Contract	A.G. Davenport	Wind Tunnel study of heliport configuration for the U.S. Steel Building, Pittsburgh, Pa.
Department of Transport	A.G. Davenport	Wind Tunnel Research
University of Toronto Research Fund	R.M. Quigley	Mineralogical analyses for samples of Welland Clay
Niels Frank	A.G. Davenport	Wind Tunnel Studies
E.F. Wahl Sr. Contract	E.F. Wahl	Agglomerate size analysis for pigment dispersions
Department of Energy, Mines & Resources	J.E. Zajic	Forced aeration techniques for the processing of effluent wastes
<u>MISCELLANEOUS</u>		
Allied Chemical Corp.	E.Y. Spencer	The action of vinyl phosphorothionates in selected toxicity
Neathern Trust Company	L. Neal	Counselling for residence staff
National Research Council	D.C. Williams	Scientific Research Special
Canadian Council on Urban & Regional Research	G.M. Adler	Policies and procedures of the Ontario Municipal Board
Department of Labour	E.E. Palmer	Support of summer student

<u>Name of Grantor</u>	<u>Grantee</u>	<u>Description of Project</u>
Althouse College Research	D.G. Simpson	The migration of Canadian Negroes to the United States after the Civil War

FACULTY OF DENTISTRY

Ontario Department of Health	W.H. Feasby	Dental Eruption
National Research Council	W.J. Dunn	Summer Undergraduate Research Assistantships

ALTHOUSE COLLEGE

University of Western Ontario	J.G. McMurray	Student Evaluation Study
University of Western Ontario	V.A. Howard	Research in Philosophy
University of Western Ontario	J.S. Wright	Science Curricula
University of Western Ontario	J. Smallbridge	Curriculum Study in Grades XI and XII
University of Western Ontario	R. Stamp	History of Education Research Project
University of Western Ontario	G. Milburn	Curriculum Projects in History
University of Western Ontario	J.E. Walsh	Research in Commerical Education

APPENDIX E
REGISTRATION

REGISTRATION - WHOLE UNIVERSITY (BY SEX) - 1967-68

FACULTIES, SCHOOLS AND FACULTIES

	Full-time		Part-time		Total		
	Men	Women	Men	Women	Men	Women	
<u>FACULTY OF ARTS AND SCIENCE</u>							
College of Science - General	750	203	15	7	765	210	
Honors	347	84	7	7	354	91	1420
Middlesex College - General	538	428	7	10	545	438	
Honors	141	113	3	3	144	116	1243
Talbot College - General	407	275	6	5	413	280	
Honors	52	23	1	-	53	23	769
University College - General	461	736	16	22	477	758	
Honors	216	188	10	10	226	198	1659
College of Music - General	3	11	1	-	4	11	
Honors	59	75	3	1	62	76	153
	<u>2974</u>	<u>2136</u>	<u>69</u>	<u>65</u>	<u>3043</u>	<u>2201</u>	<u>5244</u>
<u>AFFILIATED COLLEGES</u>							
Huron College	308	180	8	-	316	180	496
Brescia College	2	309	1	12	3	321	324
King's College	249	-	7	-	256	-	256
	<u>559</u>	<u>489</u>	<u>16</u>	<u>12</u>	<u>575</u>	<u>501</u>	<u>1076</u>
<u>OTHER FACULTIES and SCHOOLS (Undergraduate)</u>							
School of Business Administration	137	7	-	-	137	7	144
Faculty of Dentistry	14	1	-	-	14	1	15
Faculty of Engineering Science	291	2	7	-	298	2	300
Faculty of Law	198	6	-	-	198	6	204
Faculty of Medicine	245	38	-	-	245	38	283
School of Nursing	2	169	-	-	2	169	171
	<u>887</u>	<u>223</u>	<u>7</u>	<u>-</u>	<u>894</u>	<u>223</u>	<u>1117</u>
Total Intramural Undergraduate Students	<u>4420</u>	<u>2848</u>	<u>92</u>	<u>77</u>	<u>4512</u>	<u>2925</u>	<u>7437</u>
<u>ALTHOUSE COLLEGE OF EDUCATION - Regular Session</u>							
	<u>151</u>	<u>152</u>	<u>2</u>	<u>2</u>	<u>153</u>	<u>154</u>	<u>307</u>
<u>FACULTY OF GRADUATE STUDIES</u>							
Humanities & Social Sciences	264	62	35	39	299	101	400
Natural Sciences	254	25	11	2	265	27	292
Business Administration	325	-	-	-	325	-	325
Engineering	50	2	11	1	61	3	64
Library and Information Sciences	23	22	7	16	30	38	68
Medicine	71	19	4	1	75	20	95
Nursing	-	12	-	-	-	12	12
Total Intramural Graduate Students	<u>987</u>	<u>142</u>	<u>68</u>	<u>59</u>	<u>1055</u>	<u>201</u>	<u>1256</u>
<u>TOTAL INTRAMURAL STUDENTS - Regular Session</u>							
	<u>5558</u>	<u>3142</u>	<u>162</u>	<u>138</u>	<u>5720</u>	<u>3280</u>	<u>9000</u>
<u>EXTRAMURAL and SUMMER SCHOOL STUDENTS</u>							
Correspondence			80	83			163
Extension			779	798			1577
Summer Session (including Summer Evening Classes)			1664	978			2642
Althouse College of Education Summer Session			1259	505			1764
			<u>3782</u>	<u>2364</u>	<u>3782</u>	<u>2364</u>	<u>6146</u>
<u>TOTAL UNIVERSITY REGISTRATIONS</u>					<u>9,502</u>	<u>5,644</u>	<u>15,146</u> (21.8)

APPENDIX F
ONTARIO SCHOLARSHIPS - 1967

ONTARIO SCHOLARS - 1967

The following is a list of students who have been awarded a scholarship of \$400.00 by the Ontario Government for attaining an average of at least 80% on seven Grade 13 Units.

<u>Name of Student</u>	<u>Home Address</u>	<u>College</u>	<u>Program</u>
Abray, L. Jane	Etobicoke	UC	Humanities
Adler, Andres	London	CS	Nat. Sc.
Ballantine, Elizabeth A.	Strathroy	TC	Humanities
Barnes, Cherry Lee	Gravenhurst	TC	Humanities
Barter, E. A. Patricia	North York	UC	Soc. Sc.
Batten, Della M.	Etobicoke	HC	Humanities
Bauer, Nancy L.	Ottawa	MC	Soc. Sc.
Beaman, Robert J.	Tillsonburg	CS	Nat. Sc.
Beattie, Diana J.	Brantford	UC	Humanities
Beegan, P. Colleen	Dunbarton	UC	Humanities
Bishop, Peter J.	Belleville	E	Eng. Sc.
Black, Carol A.	West Lorne	N	Nursing
Blacwell, Margaret G.	London	UC	Humanities
Blair, Barbara L.	Islington	TC	Humanities
Blanch, Patricia A.	Marathon	CS	Nat. Sc.
Boate, L. Darlene	London	MC	Soc. Sc.
Bol, Matthew A.	Essex	E	Eng. Sc.
Bowlby, Teresa L.	Tillsonburg	UC	Humanities
Brodsky, Christine M.	Ottawa	UC	Humanities
Brown, Linda N.	London	N	Nursing
Brunton, William H.	Grimsby	CS	Humanities
Bryon, Gail L.	London	UC	Humanities
Buchan, Gordon G.	London	CS	Nat. Sc.
Buckley, James M.	Windsor	CS	Nat. Sc.
Cairns, Beverly J.	Orillia	CS	Nat. Sc.
Campbell, E. Jane	Toronto	TC	Humanities
Campbell, Jean E.	St. Thomas	TC	Humanities
Campbell, Judith L. F.	Aylmer	BR	Humanities
Carruthers, Christopher J.	London	TC	Soc. Sc.
Casburn, Bruce J.	London	E	Eng. Sc.
Casper, Robert F.	Leamington	CS	Nat. Sc.
Chater, Patrice E.	Etobicoke	HC	Humanities
Chrysler, Wendy L.	Chatham	HC	Humanities
Cole, Bonnie A.	St. Thomas	CS	Nat. Sc.
Collier, Mary Louise	Goderich	UC	Humanities
Connor, Lee Anne	Ingersoll	HC	Humanities
Corrin, Raymond G.	Wingham	CS	Nat. Sc.
Cowie, Carol G.	London	CS	Nat. Sc.
Cramer, Dyanne E.	London	BR	Humanities
Crouch, Julie E.	Toronto	TC	Humanities
Daniliunas, Marija J.	London	CS	Nat. Sc.

<u>Name of Student</u>	<u>Home Address</u>	<u>College</u>	<u>Program</u>
Dann, Thomas F.	Woodstock	E	Eng. Sc.
Deming, Carol A.	Waterford	CM	Music
Dempsey, Robert A.	Stratford	E	Eng. Sc.
Diamond, Michael P.	North York	MC	Soc. Sc.
Diemer, Barbaranne M.	Windsor	CS	Nat. Sc.
Digges, Deborah D.	London	CS	Nat. Sc.
Dillon, John T.	Sarnia	KC	Pre-Theology
Dressler, Judith K. R.	London	CS	Nat. Sc.
Duncan, Judith E.	North York	HC	Soc. Sc.
Eaglesham, Ruth E.	Guelph	MC	Humanities
Eitel, David R.	Burford	CS	Nat. Sc.
English, Robert L.	Baden	CS	Nat. Sc.
Falconer, Barbara E.	London	CS	Nat. Sc.
Farrell, Beverly N.	London	TC	Humanities
Farrell, Leslie R.	Windsor	TC	Humanities
Fawcett, Ruth A.	Brantford	MC	Soc. Sc.
Ferraro, Louis T.	Woodstock	CS	Nat. Sc.
Filman, Margaret E.	Windsor	UC	Humanities
Finch, Gregory H.	North York	TC	Pre-Business
Fischer, J. David	Hamilton	TC	Soc. Sc.
Fitzpatrick, Joan E.	Scarborough	UC	Humanities
Forbes, Robert E.	Palmerston	TC	Humanities
Forester, Jane M.	Hamilton	BR	Humanities
Frank, Richard K. M.	London	MC	Soc. Sc.
Freeman, Thomas R.	Burlington	CS	Nat. Sc.
Gellner, Robert M.	West Lorne	TC	Soc. Sc.
Genetti, Carol A.	Sault Ste. Marie	BR	Humanities
Goldenberg, Mark C.	London	TC	Humanities
Goldschmidt, Gunther F.	London	E.	Eng. Sc.
Gonder, Margaret L.	North York	CS	Nat. Sc.
Gough, J. Lucille	Glencoe	CS	Nat. Sc.
Green, Douglas C.	Beamsville	UC	Soc. Sc.
Grimwood, Michael J.	Windsor	CS	Nat. Sc.
Groskorth, Donna M.	Parry Sound	MC	Soc. Sc.
Gustin, Anne E.	London	CS	Nat. Sc.
Gutmanis, Peter A.	London	CS	Nat. Sc.
Haiduk, Michael J.	York	CS	Nat. Sc.
Hall, Kristie M.	Newmarket	MC	Soc. Sc.
Hardman, Joyce A.	Warton	UC	Humanities
Harris, Ann A.	York Mills	N	Nursing
Hay, Gwendolyn A.	Exeter	UC	Humanities
Haylock, David W.	Waterford	CS	Nat. Sc.
Heagy, Elizabeth C.	London	CS	Nat. Sc.
Hilts, Stewart G.	Woodstock	MC	Soc. Sc.
Hodgins, James A.	York Mills	CS	Nat. Sc.
Hoshal, Helen G.	Aylmer	UC	Humanities
Hudak, David R.	Sarnia	CS	Nat. Sc.

<u>Name of Student</u>	<u>Home Address</u>	<u>College</u>	<u>Program</u>
Innanen, Joyce D.	Tillsonburg	CS	Nat. Sc.
Johnston, Sandra L.	Erin	UC	Home Ec.
Kall, Eleanor F.	Brockville	UC	Humanities
Karr, Jeannie L.	Petrolia	UC	Humanities
Keast, S. Deborah	London	CS	Nat. Sc.
Keillor, Jacqueline G.	London	UC	Humanities
Kempster, R. James	Woodstock	CS	Nat. Sc.
Kerr, Frances I.	Etobicoke	UC	Secretarial Sc.
Kramer, Larry P.	Tillsonburg	CS	Nat. Sc.
Kristensen, John	London	CS	Nat. Sc.
Kushnir, Daniel G.	Toronto	CS	Nat. Sc.
Kwasnica, Daniel G.	Delhi	CM	Music
La Pointe, Mary Lou	Windsor	BR	Secretarial Sc.
Lenior, Katherine M. E.	Newmarket	UC	Humanities
Lewis, Linda J.	London	UC	Humanities
Lin, Allan D.	Guelph	CS	Nat. Sc.
Lock, Joanna L.	Port Credit	UC	Soc. Sc.
Luck, M. Jane	Copper Cliff	CS	Nat. Sc.
Ludwig, Douglas H.	Woodstock	MC	Soc. Sc.
Luesky, Cynthia J.	Newmarket	UC	Humanities
MacAulay, Peter M.	London	TC	Humanities
MacDonald, Margaret A.	Toronto	CS	Nat. Sc.
MacIver, Angus G.	St. Marys	CS	Nat. Sc.
MacKinnon, H. Ross	Toronto	KC	Pre-Business
MacLeod, Margaret F.	North York	HC	Soc. Sc.
Mahoney, Gail E.	London	UC	Humanities
Martin, Susan D.	Oakville	UC	Humanities
Mason, Jane C.	Oshawa	CS	Nat. Sc.
Mather, Neil W.	Mount Forest	TC	Pre-Business
McCaw, E. Lynn	London	CS	Nat. Sc.
McCollum, Diana J.	Fort William	CS	Nat. Sc.
McDonnell, Sheila J.	Toronto	UC	Humanities
McGinn, Michele M.	Dundas	MC	Soc. Sc.
McKeon, D. Gerard	London	CS	Nat. Sc.
McMillan, Marianne	Brantford	UC	Humanities
McMillan, McKenzie R. J.	Woodstock	CS	Nat. Sc.
McNamara, Daniel J.	London	TC	Humanities
Milton, Stephen J.	North York	HC	Pre-Business
Mizon, Robert E.	London	CS	Nat. Sc.
Moffat, Joyce A.	Napanee	CS	Nat. Sc.
Mollin, Richard A.	Kingston	KC	Soc. Sc.
Moorhouse, Thomas G.	London	HC	Soc. Sc.
Moreau, Almarie M.	Midland	UC	Humanities
Morrison, Peter W.	Trenton	E	Eng. Sc.
Moskalyk, Barbara H.	Sudbury	UC	Humanities
Mulkern, Timothy J.	London	CS	Nat. Sc.
Mumby, Peter J.	Port Hope	HC	Soc. Sc.

<u>Name of Student</u>	<u>Home Address</u>	<u>College</u>	<u>Program</u>
Munro, David S.	Oakville	CS	Nat. Sc.
Napasney, Teresa Faye	London	N	Nursing
Nelson, J. Shannon	London	CS	Nat. Sc.
Nightingale, Catherine A.	London	MC	Soc. Sc.
Northey, Wayne L.	London	UC	Humanities
Novak, Sylvia	London	CM	Music
Oates, Marilyn D.	London	N	Nursing
Oates, Mary Jane E.	Hamilton	UC	Soc. Sc.
Paul, Margaret E.	London	CS	Nat. Sc.
Phibbs, Garth D.	Leamington	UC	Humanities
Powe, John E.	London	CS	Nat. Sc.
Pullen, Brock L.	Sarnia	CS	Nat. Sc.
Quick, Madelaine L.	London	BR	Humanities
Quinby, Susan B.	Port Credit	CM	Music
Rainer, Brigitte A.	North Bay	UC	Humanities
Reid, Linda E.	Scarborough	CS	Nat. Sc.
Rennick, M. Gail	Ottawa	UC	Secretarial Sc.
Robinson, M. Kathryn	London	TC	Humanities
Rosen, Irene	Leamington	UC	Humanities
Ruddick, V. Valley	St. Catharines	CS	Nat. Sc.
Rumbold, J. Glendon	London	CS	Nat. Sc.
Savage, Peter J.	Dryden	E	Eng. Sc.
Scase, Carlyle G.	Arva	CS	Nat. Sc.
Schlotzhauer, Neil H.	London	CS	Nat. Sc.
Schmidt, Karen J.	Waterloo	CS	Nat. Sc.
Sholdra, Patricia D.	St. Catharines	TC	Pre-Business
Slinger, Peter D.	Guelph	CS	Nat. Sc.
Smith, Katharine B.	North York	UC	Humanities
Smith, Michael F.	Kingston	MC	Soc. Sc.
Smith, Paul W.	Sarnia	CS	Nat. Sc.
Smith, Sharon Anita	London	UC	Humanities
Spears, Laura G.	Toronto	UC	Humanities
Stoddart, Gregory L.	St. Catharines	UC	Humanities
Sullivan, Ian B.	Belleville	KC	Humanities
Tattersall, Judith A.	Norwich	MC	Soc. Sc.
Taylor, June Katherine	Warton	UC	Humanities
Thompson, Derek E.	Ridgeway	CS	Nat. Sc.
Tilsworth, M. Eva	Etobicoke	CS	Nat. Sc.
Toplack, Stephen A. M.	Chatham	CS	Nat. Sc.
Treitz, Linda D.	London	TC	Humanities
Treleaven, Alan D.	London	TC	Soc. Sc.
Tufts, R. Anne	London	MC	Soc. Sc.
Van Dop, Richard T.	Arva	TC	Humanities
Vezina, William C.	Windsor	CS	Nat. Sc.
Ward, Charmaine M.	London	UC	Humanities
Watson, Jennifer C.	Hamilton	UC	Humanities
Watters, Carolyn R.	Goderich	CS	Nat. Sc.

<u>Name of Student</u>	<u>Home Address</u>	<u>College</u>	<u>Program</u>
Weekes, Douglas B.	London	CS	Nat. Sc.
White, Barbara E.	London	CS	Nat. Sc.
Willis, Paul T.	Arva	UC	Humanities
Willis, Roslyn J.	London	TC	Humanities
Willoughby, Brian	Woodstock	CS	Humanities
Wills, Robert W.	Ottawa	CM	Music
Wilson, Brenda C.	Ingersoll	N	Nursing
Woodham, Robert J.	Ottawa	CS	Nat. Sc.
Yelland, Peter M.	London	CS	Nat. Sc.
Young, Heather E.	Sturgeon Falls	CS	Nat. Sc.
Young, Murray W. F.	London	CS	Nat. Sc.
Youngash, Ronald W.	Exeter	CS	Nat. Sc.
Zuern, Guenther	Guelph	MC	Pre-Business
Zydownyk, Maria Stephanie	Sarnia	BR	Humanities

SUMMARY

	<u>1967</u>	<u>1966</u>
Brescia College	7	9
King's College	4	2
Huron College	9	8
College of Music	5	2
Faculty of Engineering Science	8	4
School of Nursing	6	2
College of Science	74	67
Middlesex College	16	45
Talbot College	23	34
University College	<u>44</u>	<u>26</u>
	196	199
Ratio: Men	84	82
Women	112	117

APPENDIX G

THE DEANS' HONORS LIST, JUNE 1968

THE DEANS' HONORS LIST, JUNE 1968

The following full-time students obtained first class honors standing this year on their work toward a first degree in each Faculty.

* indicates an average of at least 90%.

THE FACULTY OF ARTS AND SCIENCE

Huron College

Graduates:

Anderson, Kenneth, Chatham
Bill, Mary Louise, St. Thomas
Shaw, Brian Arthur, St. Thomas

Undergraduates:

Belcher, Wendy Anne, Weston
Duncan, Judith Evelyn, Weston
Mumby, Peter John, Port Hope
Pidgeon, Gail Ann, Oakville

Ralfe, Susan Mary Seton, Toronto
Rankin, Norman Scott, Brantford
Silcox, Robert Sidney, St. Thomas

Brescia College

Graduates:

Diesbourg, Mary Elizabeth, London
Haggar, Lynda Joyce, Burlington
Knight, Mary Joanna, Stratford

Murphy, Mary Lou Wilma, Hastings
Quilty, Diane Marie, London
Stafford, Sister Antonia, London

Undergraduates:

Dunleavy, Linda Diane, Brockville
Forester, Jane Marie, London
Genetti, Carol Ann, Sault Ste. Marie
Organ, Sister St. Charles, London

Wiest, Ruth Marie, London
Zydownyk, Maria Stephanie, Pt. Edward
Zylstra, Frederikje, Corunna

King's College

Graduates:

McCarthy, Gary Charles, Burlington
Noel, Leon Paul, Windsor
Woolsey, Brian George, Cooksville

Undergraduates:

Byrne, James William, London
 Desrivieres, Dennis Robert, Sarnia
 Dillon, John Thomas, Sarnia

Mollin, Richard Anthony, Kingston
 Ruypers, John Francis Gerard, Wyoming
 Whelan, Daniel Raymond, St. Catharines

College of MusicGraduates:

Anderson, Margaret Isabel, London
 Sauerbrei, Patricia, London

Undergraduates:

Cairns, Janet Ann, London
 Henry, Margaret Elaine, London
 Jones, Linda Diane, Chatham

Kwasnica, Daniel George, Delhi
 Willis, Stephen Charles, London

College of ScienceGraduates:

Austen, David James, London
 Beddall, Peter Michael, Sarnia
 Behie, Grace Alda, Timmins
 Bell, Ronald David, Oshawa
 Bowman, John Lachlin, London
 Butler, Paul Christopher, Islington
 Chapman, Rosemary, London
 Clark, Edmond Howard, London
 Cobban, Robert Marley, Burgessville,
 Cutbush, Wesley Shier, Owen Sound
 De Boer, Lambertus, Wellandport
 Dymond, Ronald Roy, London
 Engelhardt, Frank Rainer, London
 Esseltine, Dixie Lee Winfred, Tillsonburg
 Fitzsimmons, Mary Frances Theresa,
 Hamilton
 Gordon, Willis Earl, Woodlawn

Green, Bruce Ronald, St. Marys
 Hogg, Kathleen Jane, St. Marys
 Humphrey Donald Richard, Hudson, Que.
 Irvine, Richard Alexander, St. Marys
 Jacques, Simone Yvonne, Granton
 Johnson, Harold Joseph, Arva
 Johnson, Ian Mayhew, London
 King, Warren Frank, London
 Kussner, Detlev Mike, London
 Lang, Robert Gilmer Ross, West Hill
 Lavigne, David Martin, London
 MacDougall, Gordon Rodney, London
 McFarland, Ernest Leslie, London
 Martin, John William, Port Stanton
 Michna, Stephen John, Bay Ridges
 Olde, Nancy Louise, Clinton

Peek, Corbett Grant, Downsview
 Quigley, Malachy Edward, London
 Rae, Jennifer Joy, London
 Robinson, Wallace Blair, London
 Schulze, Anthony Jack, Toronto
 Schwartz, Franklin Walter, London

Undergraduates:

- | | |
|--|---|
| Allison, Jean Elizabeth, London | Hartwick, Karl Robert, Fisherville |
| Appleby, Laurence Fredric, Toronto | Heagy, William Kenneth, London |
| Bain, Robert George, Petrolia | Higgins, Judith Colleen M., Strathroy |
| Beihl, Hans Otto, London | Hopp, Marilyn Henderson, Toronto |
| Borwein, Jonathan Michael, London | Houston, James Douglas, London |
| Box, Stephen John Charles, London | Hudak, David Ronald, Sarnia |
| Boyd, Barbara Lynne, Meaford | Huerter, Dennis Benjamin, London |
| Bradley, Robert William, London | Innanen, Joyce Dianne, Tillsonburg |
| Brunton, William Harold, Grimsby | Kadrie, Hytham Ali, London |
| Buckley, James Michael, Tillsonburg | Kempster, Robert James, Woodstock |
| Cameron, Ross Graeme, London | Kennedy, Brian Paul, Ingersoll |
| Casper, Robert Fredrick Joseph, Ruthven | Kramer, Larry Peter, Otterville |
| Chamberlain, James Edward, Toronto | Kristensen, John, London |
| Chaplin, Robert Truman, Perth | Latham, Brian Gilbert, Sault Ste. Marie |
| Cohen, Larry Michael, London | Lee, Eng Hin, Penang, Malaysia |
| * Columbus, Maureen Theresa M., Iroquois Falls | Lindsey, Linda Jean, Mono Road |
| Cooper, Thomas James, Midland | Little, Albert Warren, Glencoe |
| Crosby, John Wyatt, Sarnia | Loncke, Daniel Joseph, Delhi |
| Cumming, Alice Mildred, Port Elgin | Lu, Shu-Lien, Hong Kong |
| Dalrymple, Robert Walker, Smithville | Luck, Mary Jane, Copper Cliff |
| Del Maestro, Rolando Faustinius, Petrolia | McCaw, Elizabeth Lynn, London |
| Devall, Bruce Douglas, London | McCormick, Robin Brian, Etobicoke |
| * Devitt, Neil Gordon, Ottawa | McIntyre, Allan Lea, Beamsville |
| Diemer, Barbaranne Marie, Woodslee | McIntyre, Christine, North Bay |
| Dressler, Judith Kathleen R., London | * McKeon, Dennis Gerard C., London |
| Dunkerley, Robert Kenneth, Stoney Creek | McLeod, Ian Douglas, Windsor |
| Eitel, David Richard, Harley | Marchuk, John Blair, London |
| English, Robert Lorne, Plattsville | Markham, Larry Derwood, Woodstock |
| Faulkner, David William, Goderich | * Matthews, David Edward, London |
| Finnie, Robert Colin, Scarborough | Mayberry, Thomas Richard, Ingersoll |
| Gentleman, Connie Roberta, Oil Springs | Mitchell, David Callin, London |
| Gerace, Rocco Vincent, Windsor | Mizon, Robert Elmore, London |
| Gorman, Lillian Dale, Tillsonburg | * Mok, Lawrence Man-Suen, China |
| Griffith, John Barron, Sarnia | Moore, James William, Windsor |
| Guindon, Bert, Cornwall | Oei, Kwan Kie, Indonesia |
| Gutmanis, Peter Andrew, London | Ort, John Douglas, Niagara Falls |
| Hammerich, Paul, Toronto | Oster, Gerd, Waterford |
| Hancock, Margaret Anne, Fort William | Overy, John David, Brights Grove |
| * Harper, Kathleen Mary, London | Panjer, Harry Henry, Blenheim |
| Harris, Anne Frances, Oakville | Paul, Margaret Ellen, Fergus |
| Harris, Glenn, Islington | Powe, John Ewart, London |

Pratt, Arthur William, Windsor
 Pullen, Brock Leslie, Sarnia
 Richardson, Mark Abram, Sault Ste. Marie
 Schmidt, Karen Jane, Waterloo
 Sfreddo, Louis Charles, Dryden
 Sherwin, Richard Dawson, London
 Slinger, Peter Douglas, Guelph
 Smith, Ian Michael, Port Credit
 Smith, Jane Elizabeth, Thorold
 Summers, Carol Elizabeth, London
 Tan, Chin Kien, Hong Kong
 Taylor, John Charles, Sarnia

Thornton, William Ward, London
 Tupper, James Emerson, Ottawa
 Van Eck, Evelyn, Chatham
 Viidik, Anthony, Deep River
 Watson, Keith Edward, Newmarket
 Watters, Carolyn Rose, Goderich
 Weaver, Joseph Kenneth, Dresden
 Webb, Warren Gardiner, Caledonia
 Witherspoon, Sandra Ellen, London
 * Woodham, Robert James, Ottawa
 Wyatt, Judith Lynn, Elmira
 Zurbrigg, Sheila Hope, London

Middlesex College

Graduates:

Attwell, William George, Agincourt
 Begg, Donald James Ian, St. Thomas
 Book, Archie Norman, Fort Frances
 Boss, Gerry Norbert, London
 Brandon, Charles Bruce, Uxbridge
 Buckley, Sharryn Patricia, St. Catharines
 Carruthers, Laura Anne, London
 Childs, Rosemary Ann, London
 Coleman, Mary Diane, Markham
 Cook, John Leslie, Woodstock
 Davis, Barbara Elaine, Welland
 Eberts, Mary Anne, London
 Emans, Karen Margaret, Chatham
 Gordon, Jane Elizabeth, Stratford
 Groskorth, Lynne Catherine, Parry Sound
 Kentenich, Carl August, Toronto
 Lumsden, Lynda Marlene, London
 McFadden, Mary Catherine, Kitchener

MacIver, Donald Carl, London
 Maginnis, Brian James, London
 More, Robert Gordon, Oshawa
 Murtha, William Paul, Mitchell
 Nesbitt, Gayle Marie, Blenheim
 Newkirk, Margaret Elizabeth, Wallaceburg
 Oke, Michael James, London
 Richards, Barbara Anne Coyne, Toronto
 Rodgers, Susan Margaret, Barrie
 Ross, Frances Heather, Oshawa
 Rounding, Marie Catherine, Islington
 Scheifele, Pearl Marion, Elmira
 Smith, John Richard, Woodstock
 Vallely, John Francis, Guelph
 Wilkes, Jeanette Frances, Trinidad
 Wreford, Bonnie Anne, Oakville
 Zembala, Donna, London

Undergraduates:

Antill, Mary Elizabeth, London
 Banting, Bruce William, St. Catharines
 Bauer, Nancy Lou, Chatham, N. B.
 Bieman, Croinne Elizabeth, London
 Blake, Milton, Welland
 Boles, Allan Clifford, St. Catharines
 Bownern, Cheryl Elaine, London
 Bushell, George Edbert, Kincardine
 Campbell, Sandra Mary, London

Colbert, Judith Anne, Hyde Park
 Cottrell, Robert Douglas, Galt
 Crinklaw, Linda Diana, London
 Diamond, Michael Peter, Willowdale
 Dolny, Caroline Francesca, London
 Dredge, Lynda Ann, Wallaceburg
 Eaglesham, Ruth Ellen, Guelph
 Elgie, Kathleen Anne, Dresden
 Ferris, Jacqueline Lucille, London

Frank, Richard Kenneth Murray, London
 French, Colleen Dorothy, Ottawa
 Genesee, Fred Henry, Burlington
 Graham, John Freele, Grand Bend
 Henderson, Bonita Eleanor, Kapuskasing
 Hilts, Stewart Garvie, Woodstock
 Holtom, Janet Berniece, Ingersoll
 Kinmonth, Ann Patricia, London
 Kirby, Dennis Morley, Collingwood
 Lillico, David Lloyd, Toronto
 Medley, Steven James, London
 Medley, Elaine Margaret, Falkenburg

Moore, George Alexander, Waterloo
 Murphy, Shawne Eleanor, Oshawa
 Oliver, Catherine Laura, Petrolia
 Pigott, Jacques Jean, Toronto
 Pollock, Joanne Azelle, Parkhill
 Pope, Mary Margaret, London
 Robinson, Mary Clare, Meaford
 Ross, Daniel Robert, St. Thomas
 Strachan, Claudia Joy, Scarborough
 Uren, Thomas Craw, London
 Wonnacott, Alma Muriel, London

Talbot College

Undergraduates:

Bolotenko, George, Oshawa
 Boyle, Marian Jeannette, London
 Campbell, Jean Elizabeth, St. Thomas
 Farrell, Beverley Noreen, London
 Farrell, Leslie Ruth, Windsor
 Goldenberg, Mark Christopher, London
 Gray, William Roy, Toronto
 Johnson, Marion Rose, London
 Koprowski, Kenneth Walter, Wallaceburg

McNamara, Daniel Jerome, London
 Mather, Neil Wilson, Mount Forest
 Meehan, Shelagh Maureen, Weston
 Snyder, Ross Brian, London
 Speers, Lynda Margaret, Whitby
 Thomas, Inez Penelope, Niagara Falls
 Thompson, David Mason, Brooklin
 Treloar, Nancy Karen, Trenton

University College

Graduates:

Braun, Irma Louise, London
 Brown, Sheila Helen, Sudbury
 Buckolz, Eric Ernest, Ferris
 Collishaw, Neil Edward, London
 Davies, Gordon Wilson, London
 Dempsey, Carol Ruth, Oshawa
 Farkas, Lorraine Jennie, Willowdale
 Funston, Gail Luella, London
 French, Heather Gail, Fort William
 Gathercole, Lynn Elaine, Port Credit
 Gee, Sheila Laura Amy, London
 Gillespie, Margaret Edith, London
 Girgulis, Christina Evelyn, Saskatoon, Sask.
 Gornall, Janet Louise, Clinton
 Gunn, Linda Jean, Brampton

Hickman, Patricia Anne, London
 Hopper, Christopher Kenneth, London
 Karn, Janet Christine, Montreal, Que.
 King, Jean Anne, Barrie
 Kovacich, Joseph Michael, Hamilton
 Larson, Lars Peter Edwin, Oakville
 Lauge, Sarma, Islington
 McHugh, John Charles, London
 McInnis, Mary Alice, Glanworth
 McLeavey, Dennis William, Sarnia
 Martin, Olive Solina, Bayfield
 Misener, Beverly Anne, Trenton
 Mosser, Nancy Irene, Sarnia
 Overduin, Hendrik, Mount Brydges
 Paige, Herbert Vernon, London

Park, William Stewart, Lucan
 Passfield, Robert Walter, St. Thomas
 Pigott, Hyacinth Veronica, London
 Richardson, Ellen Ann, London
 Sharp, Karen Elaine, London

Undergraduates:

Abray, Lorna Jane, Islington
 Ainsworth, Shayne Edward, London
 Babcock, Daryl Burton, London
 Barter, Elizabeth Anne Patricia, Willowdale
 Bice, Megan Elisabeth, London
 Blidner, Jeffrey Miles, Toronto
 Bouthoorn, Ina, Aylmer
 Bowlby, Teresa Lynn, Tillsonburg
 Calder, William Arnold, Cooksville
 Cameron, Nancy Ellen, Thamesville
 Chua, Cynthia Hui Kee, Malaysia
 Couckuyt, Jack Andrew, Aylmer
 Day, Stephen Charles, Toronto
 Field, Donna Louise, Forest
 Fitzgerald, John Michael, London
 Forester, Anne Dora, London
 Hick, Nina Lynn, Port Arthur
 Howerow, Louisa Ludmila, London
 Johnson, Angus, Burlington
 Keillor, Jacqueline Gladys, London
 Knowles, Jack Edward, Owen Sound

Somers, Thomas Gordon, Beeton
 * Spiers, Thomas Clarkson, Edmonton, Alta.
 Warren, Kenneth George, London
 White, Stephanie Lynne, Barrie

Lumley, Mary Elizabeth, Hamilton
 McIntosh, Janet Lorraine, Deep River
 MacKenzie, Hugh Grant, Don Mills
 Malvern, Paul Robert Edwin, Camlachie
 May, Lois Anne, Appin
 Morris, Robert John, Kingsville
 Nash, Gordon Douglas, London
 O'Donnell, James Robert, Simcoe
 Phibbs, Garth David, Leamington
 Rankin, Penny Kathryn, Strathroy
 Skvorc, Marcia, Welland
 Smallwood, John Hubert, London
 Smith, Katharine Blakely, Willowdale
 Smith, Michael John, Willowdale
 Spears, Laura Gracey, Toronto
 Stoddart, Gregory Lloyd, St. Catharines
 Waugh, Thomas Henry Roppel, Guelph
 White, Elizabeth Anne, Thornbury
 Willis, Paul Thomas, London
 Young, Mary Louise, London
 Zankowski, Barbara Christine, Cromarty

THE SCHOOL OF NURSING

Undergraduates:

Harris, Ann Adele, Willowdale

THE SCHOOL OF BUSINESS ADMINISTRATION

Graduates:

Boersema, John Menco Jacob, Strathroy
 Gafur, Yusuff Mohamed, Berbice, S. A.
 Loeb, Donald Elliott, Ottawa
 MacDonald, James Stuart A., Fonthill
 Mudge, Jeffrey Meade, Toronto

Pearce, Michael Richard, Toronto
 Sinclair, Joseph Oliver, London
 Smith, Donald James, London
 Thomas, Ralph Leslie, Woodstock

Undergraduates:

Bellchamber, Nigel George, Bayfield
 Berry, Michael Eric, Goderich
 Cameron, Peter Bruce, Sault Ste. Marie
 Hayhurst, Douglas Palmer, Toronto
 Longworth, Michael Roy, Kleinburg
 McFadgen, Duncan Neil, Burlington

Mogg, Laurence John, London
 Moser, David William, Willowdale
 Noble, Donald Terry, Stoney Creek
 Robertson, Russel Clark, Chatham
 Weir, Allan Robert, London

THE FACULTY OF DENTISTRYUndergraduates:

Beath, Robert Lorne, London
 Kenny, David Joseph, London
 Morgan, Marilyn Jean, Cannington

THE FACULTY OF ENGINEERING SCIENCEGraduates:

Behie, Leo Augustus, Timmins
 Dilkes, Frederick Gordon, London
 Greason, William Duncan, St. Marys

Johnson, Wayne Douglas, London
 Keillor, Sharon Ann, London

Undergraduates:

* Bishop, Peter Jason, Belleville
 Bol, Matthew Albert, Essex
 Brown, David Robert, London
 Dann, Thomas Fred, Woodstock
 Dick, Jerry Edward, Kingsville
 Goldschmidt, Gunther Friedrich, London
 Gulshani, Parweez Abulkassim, Iran
 Johnston, Norman Charles, St. Marys
 Jones, Philip William, Brantford

Kok, Robert, London
 Marr, Donald Graham, Dorchester
 * Morrison, Peter William, Astra
 Nightingale, Frank Michael, Waterford
 Nurse, Colin Arlington, Guyana, S.A.
 Sewell, Michael Roland, Sarnia
 Stevens, Keith Vance, Woodstock
 Voegelin, Belford Everett, London

THE FACULTY OF LAWGraduates:

Arntfield, David George, London
 Barker, Grant Richmond, Brantford
 Bates, Thomas Allen, London
 Black, Gary Livingstone, St. Catharines
 Cable, Ivan John, London
 Colburn, John Brian, London
 Cooper, Rodger Froats, Cobourg
 Csont, Peter, Otterville
 Hanes, James Peter, London
 Israel, Robert John, Kitchener
 Kennedy, John Conway, London
 MacDonald, Robert Edward H., Edmonton,
 Alta.
 McLennan, Alec McLeod, Sarnia

Morin, John Thomas, Harrow
 Odorjan, Dennis, Courtland
 Plumpton, Jack Edward, Burlington
 Polishuk, Alexander Paul, London
 Roderick, Michael Barry, St. John, N.B.
 Sasso, William Vincent, London
 Schwartz, Peter Hans Eugene, London
 Vere, Victor Frank, Fruitland
 Virene, Alvin Thornley, London
 Ward, Robert Garton, Markham
 Willoughby, Reginald A., Sault Ste. Marie
 Windischmann, Dezso, Windsor
 Wolder, Theo, London

Undergraduates:

Atkinson, Peter Young, Elora
 Ayers, Edward Allan, London
 Clayton, William Robert, Markham
 Downs, Maurice Paul, London
 Godfrey, Michael Donald, Toronto
 Hammill, Tim David, Burlington
 Ledroit, Paul Maurice, London
 Lovell, David Lawrence, London
 McGrath, Frederick William, London

Parker, Glenn George, London
 Paterson, John Craig, Welland
 Rose, Richard Frederick, London
 Sabine, John William, London
 Stanbury, Donald Charles, Agincourt
 Suzuki, Barbara Ann F., London
 Tait, Donald Hawkins, London
 Vivian, Peter Edward, Toronto
 White, Robert Grant, London

THE FACULTY OF MEDICINEGraduates:

Brandes, Lorne Jay, London
 Kleider, Alexander, Windsor
 Merritt, Richard Davidson, London
 Near, Elmer John Allen, Chatham

Ostrander, John Joseph, Arthur
 Smith, William Gary, London
 Yeats, Ian Fergus, Galt

Undergraduates:

Bloomfield, Brian Gordon, Edmonton, Alta.
 Bourne, Robert Barry, Elliot Lake
 Bradley, Douglas Leslie, Arnprior
 Breckenridge, Anna Mary, Peterborough
 Brooke, Priscilla Heather, Waterloo
 Campbell, Ronald Michael, Sudbury
 Clark, Peter Angus, Peterborough
 Emrich, Alfred George, Kitchener
 McKeen, John Herbert Ross, Hamilton
 Nichol, Peter Michael, London
 Page, Robert John, Leamington
 Parry, Park William, Pain Court
 Pearl, Stephen Richard, Toronto
 Ralph, Edward Danby, London
 Rathbun, Flora Jamieson, London

Gannon, Michael John, Windsor
 Gatrall, James Rolf, Windsor
 Henry, David George, St. Catharines
 Heyes, Robert Harry, Windsor
 Holder, Douglas Allan, London
 Kassel, Edward Earl, Downsview
 Leach, Alan James, Ottawa
 Lehtinen, David Edward, Ashtabula, USA
 Rose, Clive Ingle, London
 Scheifele, David Walton, London
 Slipacoff, Daniel, Sarnia
 Snider, Sandra Jean, Exeter
 Throne, Martin Lewis, London
 Wall, William John P., Tecumseh
 Wexler, Howard Ronald, Guelph

APPENDIX H
FULL-TIME ENROLLMENT IN UNIVERSITIES
AND COLLEGES OF CANADA

FULL-TIME UNIVERSITY-GRADE ENROLLMENT AT CANADIAN UNIVERSITIES

AND COLLEGES, 1966-67 AND 1967-68

	<u>Undergraduate</u>	<u>Graduate</u>	<u>Total</u>
<u>1966-67</u>			
Newfoundland	3,824	69	3,893
Prince Edward Island	1,139	--	1,139
Nova Scotia	9,284	522	9,806
New Brunswick	6,423	439	6,862
Quebec	68,570	6,500	75,070
Ontario	60,862	7,727	68,589
Manitoba	11,702	687	12,389
Saskatchewan	11,021	556	11,577
Alberta	15,380	1,603	16,983
British Columbia	14,748	1,616	26,364
CANADA	<u>212,953</u>	<u>19,719</u>	<u>232,672</u>
<u>1967-68</u>			
Newfoundland	4,324	149	4,473
Prince Edward Island	1,369	--	1,369
Nova Scotia	2,821	680	10,501
New Brunswick	7,283	544	7,927
Quebec	74,978	7,662	82,610
Ontario	69,307	9,782	79,089
Manitoba	12,631	795	13,426
Saskatchewan	12,051	646	12,697
Alberta	17,764	1,924	19,688
British Columbia	27,422	2,005	29,427
CANADA	<u>237,020</u>	<u>24,187</u>	<u>261,207</u>