

REPORT OF THE PRESIDENT
AND VICE-CHANCELLOR

to

THE BOARD OF GOVERNORS
AND THE SENATE

For the Academic Year

1957-58

THE UNIVERSITY OF WESTERN ONTARIO
LONDON - CANADA

TABLE OF CONTENTS

University - General.....	(i)
Senate	1
Registrar's Department	6
Office of the Comptroller	8
Faculty of Graduate Studies	14
Faculty of Medicine	16
Faculty of Arts and Science	24
University College	27
School of Nursing	30
School of Business Administration	33
Affiliated Colleges	
Huron College	39
St. Peter's and Christ the King Colleges	43
Ursuline College	45
Music Teachers' College	46
Summer School and Extension Department	47
Trois-Pistoles Summer School	51
University Libraries	54
Museum of Indian Archaeology & Pioneer Life	60
University Health Service	63
Department of the Dean of Women	69
Department of the Dean of Men	71
President's Medals	75
University Athletic Association	76
Intercollegiate Athletics.....	78
Alumni Association	80
Western Ontario Secondary Schools' Association	85
Joint McIntosh Committee	86
Department of Buildings and Grounds	87
University Naval Training Division	90
University Canadian Officers' Training Corps	92
University Squadron R.C.A.F.	97
Appendix A - Registration Summary	101
Appendix B - Occupation of Students' Parents	102
Appendix C - Religious Denomination of Students	103
Appendix D - Comparative Percentages - Final Exams	104
Appendix E - Examination Results	105
Appendix F - Schedule of Research Funds	106
Appendix G - Staff Changes	123
Appendix H - Publications	134

REPORT OF THE PRESIDENT

AND VICE - CHANCELLOR

FOR THE YEAR JULY 1, 1957 - JUNE 30, 1958

To the Members of the Board of Governors
and the Senate of the University.

The report for the year ending June 30th, 1958, is the report of the University as it quietly recognized its 80th anniversary. No introduction to this report could be more fitting than to recall in some detail the "Birthday Party" which was held in Somerville House on the evening of May 23rd. The special guest that evening was Dr. Fox. It was my privilege to reply to the Toast to the University which had been proposed jointly by Bishop Townshend and Dr. Paul Hauch, both members of the Senate and graduates of the University. Portions of my comments, in paying tribute to Dr. Fox, are reproduced here:

"The toast to the University on this special occasion is the more meaningful as we pay tribute to Dr. Fox on the eve of his 80th birthday, which actually falls on June 17th, and at a time too, when March 7th and the 80th birthday of the University are fresh in our minds. That the University was established in 1878 and that Dr. Fox was born in the same year is an unusual coincidence. It could well have been destiny at work.

"Tonight gives us the happy opportunity of paying our respects to the University and to the man whose contributions to it have been so great. Many of you have known Dr. Fox more intimately than I have. Most of you have known him longer than I have. But few, I am sure, have had the opportunity which I have had of assessing Dr. Fox's many contributions to the life and development of the University.

"It is only natural that a successor should become acquainted with the hopes, the aspirations, the achievements and, indeed, even the frustrations of his predecessor. The character, the capacity and the competence of the individual are so readily revealed to one who follows.

"But it was not only in this manner that I came to know my predecessor. In my first report to the Board of Governors and the Senate covering the year 1947-48, I had every reason for stating, 'Throughout this, my first year in the position, I have had special cause for recollecting with sincere gratitude the assistance and inspiration which was afforded to me during the months while I was Dean of Medicine, by my predecessor W. Sherwood Fox....'

"And as the years have gone by there have been constant reminders of the influence and good works of him whom we honour this evening. As an author he is well known. As a classicist he is esteemed, As a botanist he is respected. For his reputation as a fisherman he is envied....

"But Dr. Fox was more than a scholar and more than a fisherman. He presided over this University during its most rapidly growing period....

"It was only natural during this inter-war period of great development in the life of the University that the student population should increase. There were 150 students at Western when Dr. Fox came as Professor of Classics. There were 224 when he became Dean of Arts two years later. There were 963 when he was installed as President on the occasion of the 50th anniversary of the founding of the University. When he retired the student population had risen to 4,082.

"It was during this second phase of the University's history, over which Dr. Fox presided, that colleges other than Huron College acquired affiliation with the constituent University. Assumption in 1919, Ursuline in 1919, St. Peter's in 1923, Alma in 1925, and Waterloo in 1925. The Faculty of Public Health established in 1917, became the successor to the Hygienic Institute of 1910. And the end of the war in 1945 brought to a close this never-to-be-forgotten period in the history of Western - that period of physical expansion and of academic and scholastic growth - that period of thirty years when Western developed its spirit, assumed its character, gave educational opportunities to ever-increasing numbers and in turn gained the loyal support of its graduates, its friends, the municipalities of its constituency, the City of London and the Province of Ontario. Dr. Fox performed a monumental task.

"Fortunately for us who follow, a few of the great figures of that building period are constantly with us through their portraits which hang in the halls of the University - James, Sage, Waugh, McCallum, McKibben, McGregor, Neville, Fox, Somerville, Little, Landon and others. For us now has been given the task and the opportunity of advancing the University through yet another period in its continuous gradation. How well the foundations have been laid!

"And that Dr. Fox's name shall never be forgotten, that he shall always be associated with the University which he helped to build, the Board of Governors are happy, in the presence of Dr. Fox, his family and colleagues, to announce at this time the establishment of the W. Sherwood Fox Professorship of Classics within University College."

.

The Board of Governors, having last year made the very major decision to expand the facilities of the constituent University in order that some 5,000 intramural students might be accommodated - an increase of some 2,500 - set in motion a series of interdependent studies designed to provide the bases for actual physical planning.

One of the most significant committees was "The Middlesex College Planning Committee." This Committee, composed chiefly of academic people, studied the integration between University College and the proposed Middlesex College, as well as making recommendations concerning the actual physical "layout" of the building. On the basis of the Committee's report the detailed planning of the new College has proceeded.

And it should be mentioned here that in a similar way the general plans for the new Biological and Geological Sciences Building, presently nearing completion, were prepared by a committee of the Faculty working closely with the Superintendent of Buildings and Grounds. The preliminary planning of the Richard Ivey School of Business Administration, completed in September, and the Engineering Science Building, to be completed in June 1959, were carried out by Faculty committees working closely with the Superintendent.

With the preliminary plans of the University's first Men's Residence the active assistance of a small Faculty Committee was most

important.

I mention these collaborative efforts so that I may, on the one hand, thank all of the members of the Faculty who gave so much time and effort to these planning activities and, on the other hand, indicate a policy which I feel is important - participation by the Faculty, not alone in the academic affairs of the University but, as well, in the "physical" aspects of the University's growth and development. Their understanding, their experience, their judgment, and their recommendations are significant factors in our overall planning.

The completion and subsequent official opening of the Richard Ivey School of Business Administration was an important phase in the growing life of the University. It brought to the campus the staff and the students of a major academic unit. The students, previously denied, on the basis of distance, the many new and important facilities of the growing University, have become an integral part of student affairs and have enriched the University thereby. In the same way having the members of the staff of the School in the Faculty Dining Room and Lounge has been a healthy thing for everyone.

It should only be a matter of a short time before the whole University is united on the one campus. Then, and in my opinion only then, will we have achieved a unified University which will provide the full opportunities for the strongest possible academic growth. And we should never lose sight of the fact that it is the scholastic reputation of Western which alone can attract the ablest students in Canada to seek entrance here. The high quality of its staff, the capacity and effectiveness of these men and women as teachers, the productiveness of its scholars and its scientists and the facilities of its library and of its research laboratories are, and should always be, the keynote of Western's reputation.

But there is another facet of a university which insidiously plays a part in the development of the reputation of a university - the conduct, deportment, and dress of the students. On other occasions I have stated that one of the responsibilities of a university, less tangible indeed than that of teaching or of research, was the development of the student as an individual. This is an inherent obligation. It is a moral obligation. It is an obligation which the university has to every student.

Our students come to us with different backgrounds, from different areas, with different family interest and attitudes, and with a diversity of talent. These young men and young women come to us from the farms, from the cities, from villages, and from small towns. They come, too, from district high schools, collegiates, and private schools. Some come with scholarships and too few with bursaries. Most of them are away from home, many really for the first time. Some are mature, others immature. Many are brilliant, most are average.

We try to do many things for our students but we try to have our students do most things for themselves. Of course we don't, nor could we, accomplish all we would wish to do. We are happy when we succeed, we are naturally disappointed when we fail. We are disappointed because we believe that those who have the opportunities of education, and particularly of higher education, have been given privileges and with those privileges there are added responsibilities - important responsibilities.

On one such occasion I said, in part: "We expect every young woman to be a lady and every young man to be a gentleman. Western has no patience with the laggard, no tolerance for the rowdy and no place for those who are not prepared to help themselves become responsible citizens in this great, growing, and glorious country."

It would seem to be unnecessary to raise such matters and draw them to the attention of university students. But year after year it has to be so - for the freshmen - for those who come to us from the many schools throughout the country. On one occasion I put it this way: "Good clean fun is a happy, joyous thing; indiscriminate boistering is simply denying the rights of others. If you can learn to respect the rights of others, if you learn to respect your elders, if you learn to respect responsible authority, then you have gone far to deserve your own self respect."

Why do we speak this way to our freshmen? Why did I say on yet another occasion "Thoughtlessness, vulgarity, boisterousness and disrespect are not synonymous with good citizenship. They belie the advantages of university education. And, besides that, we will not countenance such things among our students, either on or off the campus. And, although we would not subscribe to the statement that 'clothes make the man', it is still democratic to say that gentlemen are invariably

dressed as befitting the time and place."

Is it not too much to expect that university students, preparing themselves as they are to take their place in many different responsible positions should, at the same time as they improve and better their minds and, in general develop mature attitudes, not also develop good decorum? Is it not reasonable to assume that, as they prepare to become teachers, doctors, scientists, historians, business men, clergymen, lawyers or engineers, they would not appear dressed in rolled up jeans, sweat shirts, sweaters, open-necked sports shirts, windbreakers, and twenty-five dollar white buck shoes? It is not easy to persuade some of the freshmen on this point. It is not easy to persuade some of the upper classmen either.

No one is even suggesting that these men should be "fashion plates". No one is asking for uniformity in dress. All that is being requested is that they dress seemly.

A leather windbreaker with patch badges on the sleeves and "Billtown Raiders" in large yellow letters across the back may be impressive in "Billtown", or provide warmth while out canoeing, but it has no place in a library or a university classroom. An open plaid sport shirt exposing a chest full of black hair may be comfortable and healthy while out fishing, but it is certainly not an interesting sight for any teacher trying to instill the principles of the quantum theory into the minds of students. Blue "jeans" or khaki pants or just plain denims are fine and dandy working on the farm or in the factory (and most of us teachers have done both), but they are hardly appropriate in the seminar room or in Convocation Hall.

It is not too much to expect male university students to be decently dressed and appropriately dressed. A suit, a sports jacket and flannels, a blazer and slacks - and a shirt and tie! It is not too much to expect male university students to be clean and, unless they wish to grow a beard (bless their souls), to have shaved. There are such offenders in many universities. There are at Western, and I am not proud of them - for their own sake. But, let me add, so that no one will be mistaken, that there are many, many well-dressed young men on our campus, and, we note with pride, especially in our so-called "professional schools". And no criticism can be offered in this connection of our young women.

When one discusses dress with some of the so-called offenders, one gets the same old worn-out answers. Freedom, Freedom, Freedom, Cost, Cost, Cost. Let us look at these answers - the costs first - and it is the cost of laundry which is the usual one which is brought up. They recognize that a "windbreaker" or a leather jacket costs just as much as a blazer or a sports jacket. They recognize that a pair of flannels or other slacks are pretty reasonable in cost, too. And they have to be clothed in some way. But laundry bills!

The average student spends, directly or indirectly, about \$1100 per academic year while attending University. The academic year averages about 30 weeks. Using even three shirts per week - 90 launderings at twenty cents each is eighteen dollars. If instead he had two sports shirts per week laundered, the difference would be six dollars out of \$1100 - less than the cost of one dance, with corsage, and without a taxi. And most of the students would be better off academically if one dance with corsage and taxi were eliminated from his extra-curricular activities. Six dollars extra to be clean and attractive for a whole year! And with the advent of excellent synthetic fabrics - the laundry can be done by the student himself.

Let us look at it from another cost angle. On more than one occasion I have discussed this cost-of-laundering-and-wearing-a-shirt-and-tie business with a student. The students have ardently pleaded "I can't afford it" - only to be seen later driving around in a car, going nowhere in particular, I suspect, with gasoline at forty cents a gallon!

Certainly we know that every five cents counts with some of our students, and we pay tribute to them. To them I would say that assistance is as available as we can possibly make it. They have only to come with their problems.

The other was freedom. "We are away from home" - and seventy-two percent of them are - "We can do as we please." Not so bluntly is it stated, but in essence that is it. Can a student do as he or she pleases? Can any citizen do as he or she pleases? I need not answer that. The answer is obviously "No!"

A student must have certain entrance requirements to be admitted to the University. He must abide, at all times, by the regulations of the Faculty or College in which he is enrolled. He must abide by the financial and other regulations as laid down by the Board of

Governors. He must abide by the rules of the Student Government, where applicable.

If he plays football he must play according to the rules of the game and in a manner directed by the coach. If he participates in the Players' Guild or is a member of the Debating Team he is under the control of someone who is responsible for the activity.

Students at institutions of learning are not free, in the literal sense, as long as they are responsible to their parents and as long as they are responsible to society, which provides the major portion of the costs of their education - even recognizing as we do the tremendous total contribution which students make, through summer earnings, towards their own education.

If students paid for the cost of their own education, instead of only one third of it, and, in addition, paid an amount annually sufficient to amortize the ten to fifty or more millions of dollars of capital expenditure in the way of facilities, things might be different, but I don't think so. But as long as corporations, individuals, and the people in general through governments provide the capital and provide sixty-six percent of the operating costs of our seats of learning, then those responsible for the curriculum, those responsible for the property, those responsible for the students, must impose academic and other regulations and rules which, in their opinion, best meet the aims and objectives of their particular institution and more nearly make it possible for them to meet their responsibilities.

Limits of dress acceptable in the classrooms, in the laboratories, in the dining halls, and in the libraries are in keeping with the whole philosophy of higher education in this country. At this University major attempts have been made - on a long term persuasion basis - to convince our students of the desirability of being appropriately dressed. Although limited success has attended this "campaign" the situation is still not as good as it should be. Perhaps the time has come when Western should give serious thought to imposing "limits of dress" acceptable within this University.

On one other occasion I drew attention to the extremely heavy extra commitments which are placed upon many members of the Faculty. Many organizations at national, provincial, and local levels seek the services of university people to serve on their committees; professional and

learned societies require the efforts and abilities of the same or different members of the staff, and the intra-university committees demand additional time and effort on the part of many of them. That "outside" organizations seek the assistance of the University is a tribute to the members of the University and to the significant place of the University in this country. It is a real burden - a burden which is expected of us, a burden which is gladly accepted, but a burden which, it should be recalled, adds an extra load on already busy and industrious people. It is a load with which many people outside the universities are not familiar.

It is, in one sense, these outside demands, commitments, and responsibilities which suggest the stature of the University and of its members. The National Research Council and its many committees, the numerous panels of the Defence Research Board, the committees of the Department of National Health and Welfare, the Fisheries Research Board, the Ontario Research Foundation and its committees, the various cancer treatment organizations, the Medical Council of Canada, the College of Physicians and Surgeons, the specialty committees and associations relative to medicine, to the natural sciences, to nursing, and indeed to all branches of learning - these and many other groups and organizations of significance to our society and to our economy require assistance from the people on the staffs of our Canadian universities. This is just one further indication of the national character of our universities.

There is little question that the Government of Canada recognizes in this day, as Disraeli said in the House of Commons in 1874, that "Upon the education of the people of this country the fate of this country depends." Their support of higher education through grants made to the National Conference of Canadian Universities and then distributed to the universities has been both significant and acceptable. That the Federal Government recognizes the urgency and necessity of even greater support has been indicated and, although actually outside the limits of this report (July 1, 1957 to June 30, 1958), it should be recorded that a fifty percent increase in Federal grants was effected for the year 1958-59.

The Government of the Province of Ontario has been very cognizant of the needs of the universities within the Province and has increased materially the operating grants as well as the grants for major capital expenditures. We appreciate very much both the size and the unrestricted nature of the grants received. We appreciate, too, the understanding

on the part of the Government of the place of higher education in our society and their resolution to assist in every reasonable way both the students and the universities.

This University, private as any university in Canada can be, strives continuously to "help itself." With large capital commitments a Building Fund Campaign was inaugurated. Teams of keen, busy businessmen in the major cities and areas of central Canada have carried the message of Western and of Western's needs to the business and industrial community. The response has been excellent. At the same time individual contributions have been forthcoming. The \$4,650,000 objective should be reached within the time limit of the campaign. It is of special significance, I believe, that within the opening days of the campaign, the individual members of the Board of Governors contributed some ten percent of the total objective. Such whole-hearted support is truly indicative of their interest in the University. To them and to the many others who have given so much time and effort the University pays tribute. Our thanks are indeed sincere.

Great as are the operating grants from Federal and Provincial sources Western derives strength from the diversity of sources from which it receives assistance. From the City of London and from the Counties of Middlesex, Huron, Perth, Lambton, Elgin, and Oxford come annual grants which represent, as it were, interest on substantial endowment funds. We thank the Mayor and the Members of the City Council, and the Wardens and Members of those County Councils for their great assistance. Student fees, individual donations, alumni contributions, endowment income, and corporate gifts, added to those sources already mentioned, provide our operating revenues. In addition, of course, are substantial grants for research activities.

The general fiscal statement, together with other relevant information, is presented in the report of the Comptroller. In the report of the Superintendent of Buildings and Grounds a résumé of the progress of construction of physical facilities is to be found. Indeed all of the reports which follow are significant. Through them the active and varied life of the University is revealed. I commend the reading of them to you.

And through these reports it will be seen that there are many organizations and institutions without whose understanding and assistance the teaching and research programmes of the University would

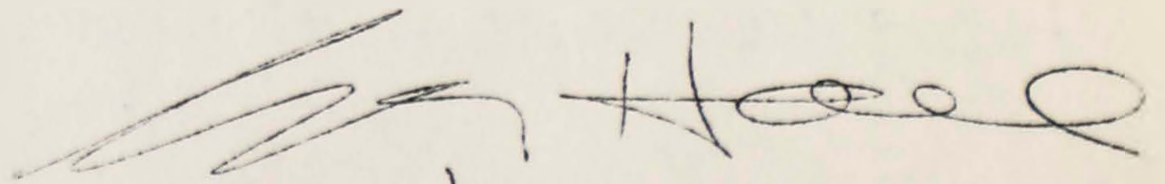
have been less effective. Not only have they provided facilities, equipment and research aids, but, in many instances, personnel as well. We appreciate their unstinted cooperation very much.

This has been a very exciting and busy year. Great contributions have been made by the members of the University - the academic staff, the non-academic staff, the service staff, and the students. It is recognized that the growing stature and strength of Western is a reflection of the prestige and capacity of the members of the teaching and research staff. It is true that it is a reflection of the quality of the Library and its staff. It is true also that it is a reflection of the quality of the students, of their sense of responsibility and of their inherent pride in their University - to which we all have, collectively, a duty and an obligation.

But so too is the stature of the University a reflection of the pride taken by the members of the maintenance and service departments in the appearance of the University, in the attractiveness of the grounds, in the cleanliness and neatness of the buildings, and in providing service to all segments of the University family. The contributions of all have added to the reputation of the University.

Many members of the staff have received honours and other forms of recognition. These include election to fellowship or to membership in learned societies, election to executive positions in professional societies and associations, the receipt of special medals and awards for outstanding scientific achievement, and the receipt of invitations to give named lectures at universities and scientific bodies throughout the world. It is a pleasure to extend to our colleagues so honoured the congratulations of the whole University.

The efforts of the Board of Governors and of the Senate have been vital in the progress of the University. To them, both personally and on behalf of all of the members of the University, I extend our most sincere thanks for their constant support and encouragement in our mutual endeavours.



President and Vice-Chancellor.

THE UNIVERSITY SENATE

Report of the Secretary - Helen M. B. Allison

Three statutory meetings and three Convocations were held during the academic year 1957-58.

At the three Convocations 777 degrees and 127 diplomas were awarded. Among them were LL.D. degrees to Stanley Ferdinand Teele, John Rigsby White and Edward Victor Buchanan. One Doctor of Science degree was conferred on George Harold Ettinger, and four honorary D.D. degrees were awarded to the Venerable Francis John William Lightbourn, the Venerable Roy Douglas Mess, the Right Reverend and Right Honourable John William Charles Wand, and the Most Reverend William Lockridge Wright. The opening of the Richard G. Ivey School of Business Administration was the occasion for the first two LL.D. degrees, and a special Convocation for Huron College conferred the D.D. degrees.

During the year, the Senate spent a good deal of time on innovations:

a new degree - Bachelor of Engineering Science (the first class graduated in 1958 with that degree);

a new diploma - in Business Administration and Political Science, for a student from Ceylon whose program called for Political Science instead of Production;

a new Faculty - Law, to begin offering courses in September 1959;

a new Arts College - Middlesex College, in the constituent University, with special academic and physical facilities and an ideal teaching-load;

a new Summer School - for a few students who wished to transfer from general science to Engineering Science;

new admission requirements for Adult Special students, over 21 years of age and away from formal education for at least three years.

Course-changes took place in Music Teachers' College (for vocal students), in Honors Chemistry and Chemistry and Physics, in Honors Economic and Political Science, in Honors Geography, in Honors Engineering Science and in Honors Mathematics. Minor changes permitted Pre-Theological students to take Biblical instead of Classical Greek courses, and other students to take Italian 1 and 10 in one year if they are of Grade A calibre, and to split Spanish 1 and 10 into two separate courses if they cannot clear both in one year. The Business School was permitted to add a new course in Executive Problems (478b), and the School of Nursing changed Political Science 42 to 32 in its diploma courses and restricted its Philosophy courses to Philosophy 30.

The affiliated colleges were permitted to teach certain courses, after the resources of each college had been investigated by a Committee composed of the Principal (the Dean of Arts and Science), the Head of the University College Department concerned, a member of the college making the request, and a member of another affiliated college:

College of Christ the King: Economics 230, 333, 257, French 380, 381 and Sociology 30;

Huron College: Business 20, 250, Economics 20, 333, 346, Politics 32, 232, English 36 or 49, Philosophy 42;

Waterloo College: Economics 355, Math. 350, 351, 353, 356, 363, Philosophy 43, 443, 47, 347, 48, 448, 457, Physics 250, 251, 254, 255, Psychology 35, 235, 36, 236, 46, 446.

Further academic action was taken in the approval of the following regulations:

A student may be debarred from writing the final examination for failure to maintain satisfactory academic standing throughout the year.

A student may not raise his grade, by a supplemental examination, in a course already passed; instead he may repeat the course

if he wishes to obtain higher standing.

A code of examination procedure was recommended by the Faculty of University College after a Faculty Committee and a representative of the Registrar's Office had been working on it all winter.

Two appeals for graduation were sustained, and a committee was named to recommend a deadline for appeals in the future.

The reports of standing committees were approved:

The Convocations Committee went on record again as opposed to divided Convocations except when inclement weather causes them to be held indoors. It evolved a plan for two indoor Convocations in one afternoon, with Arts and Science undergraduates at one Convocation, and all other Faculties and Schools at the other. A list of those who should be invited to walk in Convocation processions was drafted by the Committee and approved by the Senate. Degrees and diplomas for those who graduate in absentia are henceforth to be transferred by the Chancellor at Convocation to the Secretary of the Senate who will make sure they are conveyed to their owners.

The Educational Policy Committee approved a specific Preliminary Year, in the affiliated colleges, for admission to each course of University level. It recommended the approval of courses to be offered in the affiliated colleges after investigating committees had made favorable reports. It also approved the appointments made in the affiliated colleges.

The Executive Committee approved and agreed to publish in the calendars of all Schools and Faculties of the University a code of student-conduct proposed by the Board of Governors. It also approved a recommendation regarding intercutaneous testing to discover active tuberculosis on the campus. All students must be tested in order to receive their examination results. In connection with the opening of the new Biology-Geology Building in October 1958, it approved the following honorary degrees:

LL.D. - Dr. E. W. R. Steacie, President of the National
Research Council of Canada

D.Sc. - Dr. J. Tuzo Wilson, Professor of Geophysics at the University of Toronto

Dr. Kenneth W. Neatby, Director of the Science Service of Canada.

It also approved the following honorary degrees to be conferred on delegates visiting this University following the meetings of the Universities of the British Commonwealth:

D.Litt.- Sir Eric Ashby, Vice-Chancellor of the Queen's University of Belfast

LL.D.- John Francis Lockwood, Vice-Chancellor of the University of London

Joseph Anthony Manché, Vice-Chancellor of the University of Malta

D.C.L.- Sir George Whitecross Paton, Vice-Chancellor of Melbourne University

at a special Convocation on September 9th, 1958.

The changes in membership during the year 1957-58 were as follows:

New Members

Professor R. L. Allen, University College Faculty

Dr. Murray L. Barr, Faculty of Medicine

Mr. John B. Berry, Huron County Council

Mr. Ross Cruickshank, Secondary School Principals

Mr. John Gilchrist, Kent County Council

Mr. Harold Newell, University Board of Governors

Principal Clifford Poole, Music Teachers' College

Professor E. E. Reilly, University College Faculty

Mr. Merton Zurbrigg, General Alumni Council

Withdrew

Mr. E. P. Dignan, University Board of Governors, completed his term of office

Mr. Harvey Erskine, Huron County Council, deceased

Dr. Paul Hauch, General Alumni Council, completed his term of office

Mr. J. C. Herbert, Secondary School Principals, resigned to teach in Germany for two years

Professor G. R. Magee, University College Faculty, completed his term of office

Mr. Beecher Parkhouse, Wellington County Council, deceased

Mr. Christopher Stevens, Kent County Council, completed his term of office

Professor J. A. F. Stevenson, Faculty of Medicine, completed his term of office

Professor R. W. Torrens, University College Faculty, completed his term of office

On leave of absence, 1957-58

Mr. William Rogers, Sarnia City Council, on an educational mission in Cambodia

Former Members deceased during the year

Dr. K. P. R. Neville, Professor of Classics, Dean, Registrar, and Secretary of the Senate for many years

Dr. Watson Porter

THE REGISTRAR'S DEPARTMENT

Report of the Registrar - Helen M. B. Allison

It is to be noted that for the first time in the history of the University the net total of students enrolled exceeded the 5,000 mark. The total of 5,072, an increase of 476 over 1956-57, was made up of 3,198 full time undergraduates, 248 full time graduate students, and 1,526 part time, correspondence, extension, and summer school students (Appendix A).

Of the 3,446 full time students registered in the whole University, 2,472 were registered in the constituent University, 2,224 at the undergraduate level and 248 at the graduate level. At the same time each of the Affiliated Colleges showed an increase in registration. The Summer School increased to 955 and the Extension enrolment rose to 761.

Approximately 58% of the intramural students came from the 14 counties in Western Ontario, about 33% from other parts of Ontario, 5% from provinces in Canada other than Ontario, and just under 4% from other countries.

It is of interest to refer to the occupation of the students' parents in order to demonstrate, once again, the varied backgrounds of our students. The detailed figures are presented in Appendix B. Until the academic year 1955-56 the largest single group of students came from the farms. With ever-increasing industrialization more students that year (15.6%) came from homes where the parents were engaged in manufacturing. Agriculture was, however, a very close second (15.3%). This year (1957-58) manufacturing still was in first place (14.4%) and agriculture was next with 14.1%.

A brief summary and a comparison of former years may be of interest. The classifications are those used by the Dominion Bureau of Statistics.

Occupation of Students' Parents

% of Total Students

	<u>1948-49</u>	<u>1955-56</u>	<u>1957-58</u>
Agriculture	14.8	15.3	14.1
Manufacturing	8.9	15.6	14.4
Finance	7.6	8.9	10.0
Trade	7.9	9.7	9.6
Custom and Repair	4.5	7.3	6.6
Transportation	7.0	5.7	5.4
Public Service	5.3	5.3	5.0
Health Professions	4.0	4.6	4.7
Business (unspecified)	5.9	3.3	4.6
Construction	2.6	2.4	3.6
Education	2.8	3.4	3.6
Engineering	2.8	2.8	3.1

The 5,072 students indicated religious adherence to 31 different denominations. The largest single group, 35.6% of the total, belong to the United Church of Canada, 19.3% are Anglicans, 16.5% are Roman Catholics, 9% are Presbyterians, 4.5% are Lutherans, 4.3% are Baptists, 2.1% are Hebrews, and 1.1% are Mennonites. The other 23 denominations are each represented by less than 1% of the students (Appendix C).

The Problem of academic failures has consistently been given great attention. For comparative purposes, showing the percentage of students who cleared all their work at the final examinations without benefit of supplementals, Appendix D has been prepared. It is natural that students in the so-called professional faculties would have a much lower failure rate than those in the more general courses within the Faculty of Arts. The detailed examination results for the year are presented in Appendix E.

OFFICE OF THE COMPTROLLER

Report of the Comptroller - R. B. Willis

Submitted herewith is a brief review of the financial operations of the University of Western Ontario for the year ended 30th June, 1958 based upon the Financial Statements and Auditors' Report of Clarkson, Gordon & Company.

Summary of the Year's Operating Results

The operations for the year resulted in a net excess of revenue over expense of \$9,937.00. This may be compared with the following net operating results in recent years:-

<u>Years Ending 30th June</u>	<u>Net Operating Results</u>
1957	\$ 9,745.59 Surplus
1956	3,758.14 Surplus
1955	7,160.09 Surplus
1954	10,644.41 Surplus
1953	9,764.58 Surplus
1952	17,196.58 Surplus

As in recent years, the Operating Statement includes:-

(a) Amounts applied from research grants-in-aid and contracts, on the one hand, to cover expenditures on account of research;

(b) The amounts, on the other hand, actually expended on research.

For the year ended 30th June, 1958, research expenditures totalled \$634,737.34, 18.9% of the University's ordinary operating expenditures on all other activities, except ancillary enterprises. Comparative expenditures on research in recent years have been as follows:

Comparative expenditures on research:-

1956-57	-	\$ 623,053.26
1955-56	-	576,460.30
1954-55	-	542,193.02
1953-54	-	553,360.81
1952-53	-	547,474.37
1951-52	-	581,528.71

The distribution of research expenditures from outside grants-in-aid and contracts within the faculties and schools, etc. of the University was as follows during the year ended 30th June, 1958:-

Faculty of Medicine	\$ 457,802.18
University College	139,762.82
School of Business Administration	31,965.69
Museums	3,353.43
Miscellaneous	<u>1,853.22</u>
	<u>\$ 634,737.34</u>

\$7,445.05 was received during the year under review against the indirect costs incurred by the University in the operation of the above-mentioned research projects. This represented 1.2% of the expenditures concerned.

Comparative Distribution of Revenue and Expense

The following schedule shows the comparative distribution of revenue and expense for 1956-57 and 1957-58.

Comparative Distribution of Revenue and Expense

<u>Revenue</u>	<u>1957-58</u>		<u>1956-57</u>
	<u>Amount</u>	<u>% of Total</u>	<u>% of Total</u>
Student Academic Fees	\$1,224,532.58	33.9	32.3
Gifts for General and Specific Operating Purposes	29,715.88	.8	1.2
Receipts from Services to Outside Organizations, etc.	139,118.86	3.9	3.6
Miscellaneous	6,605.34	.2	.3
Endowment Income	55,049.96	1.5	1.0
Government Grants for Operating Purposes			
Federal	\$ 618,404.90		
Provincial	825,000.00		
Municipal	<u>75,000.00</u>		
	1,518,404.90	42.1	43.2
Sponsored or Assisted Research Funds	<u>634,737.34</u>	<u>17.6</u>	<u>18.4</u>
	\$ 3,608,164.86	<u>100.0</u>	<u>100.0</u>
Net Surplus on Ancillary Enterprises including Athletics	--		
	<u>\$ 3,608,164.86</u>		
Ancillary Enterprises including Athletics			
Income	\$ 578,956.45		
Less Net Surplus as Above	<u> -</u>		
	578,956.45		
<u>Total Revenue</u>	<u>\$ 4,187,121.31</u>		
Deficit at end of Year	-		
<u>Total Revenue</u>	<u>\$ 4,187,121.31</u>		

<u>Expense</u>	<u>1957-58</u>		<u>1956-57</u>
	<u>Amount</u>	<u>% of Total</u>	<u>% of Total</u>
Instruction	\$ 2,060,549.23	61.3	57.4
Assisted Research	634,737.34	18.9	21.1
	<u>\$ 2,695,286.57</u>	<u>80.2</u>	<u>78.5</u>
Administration	131,888.18	3.9	3.9
Plant Maintenance	387,963.17	11.6	11.9
Scholarships, Bursaries & Prizes	20,591.50	.6	.6
Miscellaneous	107,587.88	3.2	4.6
Net Deficit on Ancillary Enterprises including Athletics	<u>17,463.20</u>	<u>.5</u>	<u>.5</u>
	\$ 3,360,780.50	<u>100.0</u>	<u>100.0</u>
Extraordinary Operating Expenses	237,447.36		
Ancillary Enterprises including Athletics Expenses	\$ 596,419.65		
Less: Net Deficit	<u>17,463.20</u>		
	<u>578,956.45</u>		
<u>Total Expense</u>	\$ 4,177,184.31		
Surplus at end of Year	<u>9,937.00</u>		
<u>Total</u>	<u>\$ 4,187,121.31</u>		

Instruction and research accounted for 80.2% of total current operating expenditure for 1957-58 on this basis, compared with 78.5% in 1956-57. The administrative percentage at 3.9% and that for plant maintenance at 11.6% were among the lowest of the major universities in Canada.

Grants and Gifts

The year ended 30th June, 1958 was a most significant one in the University's history in the number, magnitude and variety of grants and gifts received. Most gratifying was the substantial increase in bursary and scholarship funds available both directly and indirectly to the University for distribution to the student body. The increase in unrestricted grants accompanying corporate scholarship programmes also was material. From this source, \$12,897.51 was available during the year and added to the University of Western Ontario Combined Loan Fund by resolution of the Board.

Donations by the graduates of the University to the Annual Alumni Appeal and otherwise increased significantly over the previous year. Especially noteworthy was a gift of \$10,000.00 by Dr. W. A. McKibbon, Meds '35, for the establishment and maintenance of a bursary fund as a memorial to his late son, Bill McKibbon.

The current maintenance grant of the Province of Ontario for the provincial fiscal year commencing 1st April, 1958 was increased by \$100,000.00 per annum to \$925,000.00. Under new regulations of the Department of Education, the increase applicable to the quarter ending 30th June, 1958 will be paid during the period 1st July, 1958 to 31st March, 1959. The seventh annual grant of the Government of Canada for current maintenance purposes was received in January in the amount of \$618,404.90 and the City of London maintained its generous maintenance grant at \$75,000.00 during the period under review.

Six of the County Councils within the University's constituency provided grants during the year for capital purposes, one of them for the first time. Three of the six, in addition, voted sums for bursaries and/or scholarships.

In the fall of 1957 a major capital campaign - the "Western University Building Fund" - was inaugurated with an objective of \$4,650,000.00 from corporations and individuals over a five-year period, the funds to be utilized toward the material programme of physical expansion facing the University over the next decade. The response to the campaign has been most gratifying and as of 30th June, 1958 subscriptions and commitments exceeded \$3,750,000.00. As of the same date, \$1,660,841.50 had been received in cash on account of the pledges to the Fund.

In February, 1958 the Provincial Legislature once again voted generous special capital grants to the institutions of higher learning of Ontario. The amount applicable to the University of Western Ontario was \$1,000,000.00 as in the previous year. None of this grant had been received by 30th June, 1958.

Physical Plant

The new Richard Ivey School of Business Administration Building was occupied at the opening of the 1957-58 academic year and has more than justified in every way the hopes which were held for it. With its completion, Music Teachers' College was transferred from the McIntosh Memorial Building to the former School of Business Administration property on Waterloo Street,

As of 30th June, 1958, the Geological and Biological Sciences Building was virtually completed and the transfer to it of the Departments of Botany, Geology, Geophysics and Zoology had begun. The alteration of the space vacated by these departments in the Physical and Chemical Sciences Building was commenced in May to permit much-needed expansion of the Departments of Chemistry and Physics and the transfer to the building of the School of Nursing formerly housed in most inadequate quarters in the basement of University College proper.

In January, 1958, construction of the new Engineering Science Building was commenced. Along with it, the erection of the Smallman Western Road Entrance was undertaken. This Entrance, as will be recalled, is the gift of Lieut.-Colonel J. E. Smallman, long-time member of the Board of Governors.

Just four days after the close of the present fiscal year, the general contract for the First Men's Residence Unit was let. This structure, capable of accommodating 300 male students, is to be ready for occupancy before the opening of the 1959-60 session.

Conclusion

1957-58 was an outstanding year in the University's history in many respects. Not only did it mark a high point in capital construction but, as well, material furtherance of the University's longer-range programme of physical expansion and strengthening of its financial resources.

FACULTY OF GRADUATE STUDIES

Report of the Dean - R. A. Allen

In 1947-48 the registration in the Faculty of Graduate Studies was 120; in 1957-58 it was 269, with graduate students enrolled in 23 departments. Probably no other registration figure is as indicative of the academic growth of the University and its rising prestige all across Canada. In the Faculty of Graduate Studies there were registered this year graduates of 32 Canadian colleges and universities, as well as many foreign institutions.

In 1948 the University conferred its first Doctor of Philosophy degree. In the academic year 1957-58 14 students received their Ph.D's and these represented nine different departments. In addition 11 students received the Master of Science degree, 14 the Master of Arts, and 58 the Master of Business Administration.

While one welcomes these signs of academic maturity it should be emphasized once again that such an increase in scholarly work, including research, at the advanced level makes heavy demands on the faculty, on the libraries and on the research facilities in the laboratories.

The large increase in Summer School enrollment is recorded elsewhere in this report. One of the gratifying features is the new demand for honour courses by teachers who already hold a general course degree and who wish to qualify for a specialist's certificate. There have also been numerous requests for summer graduate courses from those who wish to continue their work even further to the Master's degree. In response to these requests and as a service particularly to teachers the Department of English plans to offer a graduate course in Canadian Literature in the summer of 1958. If this experiment is successful other departments in the Faculty of Graduate Studies may also extend their offerings to include summer courses.

	<u>Registration</u>			
	<u>1954-55</u>	<u>1955-56</u>	<u>1956-57</u>	<u>1957-58</u>
Arts and Science	80	86	86	101
Business Administration	93	109	121	145
Medical Sciences	34	34	30	23
	<u>207</u>	<u>229</u>	<u>237</u>	<u>269</u>

Registration (continued)

1957 - 1958

Arts and Science

Business Administration

Botany	-	3
Chemistry	-	12
Economics	-	3
English	-	13
French	-	8
Geography	-	10
Geology	-	1
History	-	9
Mathematics	-	2
Philosophy	-	5
Physics	-	17
Psychology	-	13
Zoology	-	5
		<hr/>
		101

First Year	-	86
Second Year	-	59
		<hr/>
		145
Medical Sciences		
Bacteriology	-	2
Biochemistry	-	9
Biophysics	-	3
Medical Research	-	1
Medicine	-	1
Microscopic Anatomy	-	1
Pathological Chemistry	-	2
Physiology	-	3
Preventive Medicine	-	1
		<hr/>
		23

Degrees conferred October 1957 and May 1958

Ph.D.	14	-	1	Bacteriology and Biochemistry
			1	Bacteriology and Immunology
			3	Biochemistry
			2	Biophysics
			1	Chemistry
			1	French
			1	Medical Research
			2	Physics
			1	Physiology
			1	Zoology
M.A.	14	-	1	Economic and Political Science
			3	English
			1	French
			1	Geography
			4	Philosophy
			4	Psychology

Degrees conferred October 1957 and May 1958 (continued)

M.B.A.	58	-	58	Business Administration
M.Sc.	11	-	1	Biochemistry
			1	Botany
			3	Chemistry
			1	Geology
			2	Physics
			3	Zoology

FACULTY OF MEDICINE

Report of the Dean - J. B. Collip

Eleven members of the Faculty of Medicine received National Research Council Summer Research Associateships during the summer of 1957.

A serious fire in the Department of Microscopic Anatomy on July 10th, 1957, brought up the question of policy of keeping volatile solvents in refrigerators in the Medical School building. A Committee was formed to discuss the problem of storage of solvents and the problem of health hazards of various chemicals used within the building; subsequently a detailed report was forwarded to the Superintendent of Buildings.

The Royal College of Physicians and Surgeons of Canada gave notice that Certification examinations in Neurology and Neurosurgery would be discontinued as of 1962. In that year and thereafter Certification in Neurology will be granted by The College on the basis of success at the Fellowship examination in Medicine, as modified for Neurology. Similarly in Neurosurgery, Certification will be granted on the basis of success at the Fellowship examination in Surgery, as modified for Neurosurgery.

Dr. and Mrs. Walton A. McKibbon of Wingham, Ontario, in memory of their son, have set up an annual bursary of \$500 for a needy student with "B" standing, enrolled in Premedicine or Medicine. It was understood that Dr. McKibbon wished to follow one student through the entire course, if the student is capable, rather than holding a competition each year.

A general practice Clinic Day, called the Lederle Clinic Day, was held by the London Academy of Medicine and the London Section of the Ontario Chapter of the Canadian College of General Practice, at the Hotel London on Wednesday, September 11th, 1957. The meeting was considered a great success with a very gratifying attendance.

The Council of the Faculty established a committee to review the subject of working committees, and the committees were organized.

Dr. D. P. Swartz, who had been an extremely brilliant undergraduate, was awarded The John and Mary R. Markle Scholarship beginning July 1st, 1958, for a period of five years. He has had extensive training in the field of Obstetrics and Gynaecology at Johns Hopkins Hospital, Baltimore, Maryland. He will spend the first year as lecturer in the Department of Medical Research, and subsequent years in the Department of Obstetrics and Gynaecology.

Dr. L. L. Bernardis was awarded the Ruth Knox Herman Fellowship, November 1st, 1957 to September 30th, 1958 to continue his work in the Department of Physiology on the role of the nervous system in the regulation of salt and water metabolism and in the resistance to lack of oxygen, two fundamental problems of great importance in the understanding and treatment of various heart diseases, particularly hypertension and edema.

The Borden Award in the Medical Sciences for 1957 was presented at the annual dinner of the Association of American Medical Colleges, October 21st, 1957, in Atlantic City, to Dr. Murray L. Barr in recognition of his researches in the field of neurohistology and cytology, and with particular reference to his fundamental discovery of the "sex chromatin". He observed that in the nuclei of nerve cells of the cat a special mass of chromatin was present in most cells of the female, but not of the male animal. This finding was then verified and extended to a large number of other species, including man. He has since shown that "sexing of cells" in the human can be important in determining

differential diagnosis and the course of management in cases of abnormal sexual development. His disclosure has now been applied to the basic processes involved in cell reproduction.

A number of high school students visited the Medical School, February 1st, 1958. A University Committee was set up to handle the Open House of the University, planned for February 7th, 8th, and 9th, 1958. The problem had previously been discussed by the Council of the Faculty with rather limited enthusiasm. However, the President of the Hippocratic Society felt that our students were anxious to have the opportunity of bringing their parents through the School. It was realized that the visit would be limited to the Medical School building proper and that one day, February 8th, 1958, should be used for the purpose. Biology students from Assumption University visited the Medical School, February 19th, 1958.

At the meeting of the Association of Canadian Medical Colleges, held October 14th and 15th, 1957, in Montreal, a number of Deans reported on their experience of visits by the Association of American Medical Colleges in 1957. All appeared to feel that these visits were extremely useful to the schools concerned. Representatives of the Association of American Medical Colleges stated that they plan to visit every medical school at intervals of from 7 to 10 years. The impact of hospitalization insurance on medical school teaching was the subject of a prolonged discussion. Plans were established for presentation of the problem to the Federal Government. Dr. G. H. Ettinger, at this same meeting, outlined in detail the development of support for medical research in Canada, and this culminated in a motion for increasing the magnitude of the support. At the conference, Dr. L. G. Bell outlined the methods used by various faculties in meeting the problem of the emigre student. Most faculties appear to have established a system not unlike our own.

At the meetings of the Association of Canadian Medical Colleges in Ottawa, November 11th, 12th, 1957, it was noted that briefs to Cabinet Ministers had been submitted concerning the problems of availability of teaching beds, and the support of medical research in Canada.

At the meeting of the Council of the Faculty held October 24th, 1957, Professor G. E. Hobbs reported on the Institute of the Evaluation of the Medical Student, Association of American Medical Colleges, held in Atlantic City, October 15th, to 19th, 1957. A number of subjects were

discussed, including problems of finance, the question of integration within Medicine and the attitudes now expressed towards it, the role of the liberal arts education, and various proposed experiments on curriculum in American schools.

A Special Issue of "The Canadian Journal of Biochemistry and Physiology" in honour of Dean J. B. Collip, was presented to him at a dinner in Ottawa in the fall of 1957, on his retirement as Director of the Division of Medical Research, National Research Council.

Professor J. C. Rathbun was named as representative to a Committee which will meet to rewrite the Medical By-Laws of Victoria Hospital.

A proposed lecture outline for medical schools regarding Disaster Medicine from Dr. K. C. Charron, Director of Health Services, Civil Defence, is to be integrated into our teaching schedule, rather than being set up as a separate course.

At the meeting of The College of Physicians and Surgeons of Ontario held November 14th, 15th, 1957 in Toronto, it was indicated that The College is proceeding to set up a separate registration of specialists. In addition, they are taking steps to provide ways and means of determining when fee splitting by physicians is a practice.

At a meeting, called by the Ontario Medical Association, of their Executive and representatives of Ontario Medical Schools, November 14th, 1957, there was discussion regarding the health insurance plan and hospitalization, the continuation of out-patient services, the various classifications of in-patients, the suggested plan at the University of Toronto, and the problem of coverage of in-hospital care for welfare patients. A meeting was also held of the Deans of the Medical Faculties in Ontario (or their representatives), and the Executive of the Ontario Medical Association, on February 14th, 1958 to discuss health insurance. Representatives of the University conferred, along with representatives of the Victoria Hospital Trust, with the Ontario Hospital Services Commission, March 28th, 1958. Subsequently, a brief was submitted by this University to the Ontario Hospital Services Commission, as well as by the other Faculties of Medicine of the Province.

Anaesthesia became a separate Department at St. Joseph's Hospital, and Dr. J. M. Growse was made Head, effective March 1st,

1958, with a promotion from Instructor in Anaesthesia (St. Joseph's Hospital) to Senior Associate in Anaesthesia (St. Joseph's Hospital).

The death on December 11th, 1957, of Dr. W. J. Tillmann was noted with regret. He had been a member of the staff of the Faculty of Medicine from 1913 to 1938, being Professor of Paediatrics at the time of his retirement.

Dr. B. L. Hession became Head of the Department of Medicine at St. Joseph's Hospital with the promotion from Instructor in Medicine to Assistant Professor of Medicine, effective January 1st, 1958. Dr. J. F. Ballantyne was made Head of the Department of Ophthalmology at St. Joseph's Hospital with the promotion from Instructor in Ophthalmology (St. Joseph's Hospital) to Senior Associate in Ophthalmology (St. Joseph's Hospital), effective January 1st, 1958. Dr. F. J. Rounthwaite became Head of the Department of Otorhinolaryngology at St. Joseph's Hospital with the promotion from Instructor in Otorhinolaryngology (St. Joseph's Hospital), Sessional Lecturer in Physiology to Senior Associate in Otorhinolaryngology (St. Joseph's Hospital), Sessional Lecturer in Physiology, effective January 1st, 1958. It was noted that Dr. J. H. Walters was to be Senior Associate in Obstetrics and Gynaecology (St. Joseph's Hospital), effective January 1st, 1958, and Head of the Department of Obstetrics and Gynaecology at St. Joseph's Hospital.

The death of Mr. M. F. Forristal on January 20th, 1958, was noted. For many years Mr. Forristal was a member of the Medical Committee of the Board of Governors. Our sympathy was expressed at the death, January 18th, 1958, of Dr. A. S. Graham, who had retired as Consultant in Anaesthesia, effective January 31st, 1955. He was a member of the staff of the Faculty of Medicine from 1928 until 1955, being appointed Assistant in Anaesthesia in 1928.

The Council of the Faculty at its meeting held January 27th, 1958, in support of a motion from the Joint Relations Committee with Victoria Hospital, went on record as approving the closing of South Street.

Under the auspices of the Unemployment Insurance Commission, Ottawa, another course in Rehabilitation and Employment Counselling for members of their staff, was held May 26th to June 20th, 1958. Details of the course were arranged by Professor T. H. Coffey in collaboration with other members of the University staff.

Dr. J. J. Seguin of the Department of Physiology was awarded a Research Fellowship, effective April 1st, 1958, by the Muscular Dystrophy Association of Canada. This was the first award from the Association to the University.

In the spring of 1958, Professor R. A. Waud indicated that very few Medical Schools now taught prescription writing in Latin, and he raised the question of our continuation here. Professor F. S. Brien felt that we might as well bow to this inevitable change, and the recommendation was approved by the Council of the Faculty.

The C. V. Mosby Company increased their Scholarship Awards by raising the value of books they award from \$20 to \$30.

The National Conference of Canadian Universities was held in Edmonton June 5th, 6th, and 7th, 1958, with Dean J. B. Collip attending as the local representative.

Lederle Medical Student Research Fellowships were given for the summer of 1958 to Mr. Hugh W. K. Barr and Mr. Norman A. Fretz. Mr. Barr worked in the Departments of Biochemistry and Medicine, and Mr. Fretz in the Department of Physiology.

The College of Physicians and Surgeons of Ontario Grant for the Medical Library of \$200 was once again received.

The death of Dr. A. T. Little on April 2nd, 1958, was noted with regret. He was a member of the Board of Governors and of the Medical Committee of the Board of Governors for many years. He was Chairman (1919 to 1954) of the Board of Governors, and Chairman emeritus (1954 until his death). Dr. Little played a profound part in the development of this Faculty of Medicine, and his passing represents a real loss.

The Allergy Foundation of America scholarship for the summer of 1958 was given to Mr. Edward M. Dundas of the Third Year to work with Dr. J. H. Toogood. Dr. N. M. Lefcoe was granted a renewal of his Fellowship from The Canadian Life Insurance Officers Association from April 1st, 1958 until June 30th, 1959.

An Ad Hoc Committee in connection with the Department of Anaesthesia was set up to finalize proposed arrangements in this Department.

Mr. Arthur A. Long, 1947-1958, has retired. He has been Personal Assistant to Dr. J. B. Collip, 1915-1958.

Dr. Elizabeth Work, recently of the Department of Chemical Pathology, University College Hospital, London, England, was a guest of the Department of Bacteriology and Immunology August 28th and 29th, 1958, for an exchange of scientific information. At a seminar on August 28th, she discussed her studies, which have included applying biochemical methods to a study of bacterial antibiosis, and the biochemistry of bacterial cell walls. At the Seventeenth Dr. F. R. Eccles Memorial Medical Alumni Lectureship held September 25th, 1957, Dr. Ronald V. Christie, Professor of Medicine and Chairman of the Department, McGill University, Montreal, was the guest lecturer, conducting a clinic, and speaking on "Bronchitis and Emphysema". Dr. Arthur C. Allen, Associate Pathologist, Memorial Hospital, New York, gave the Twelfth Annual John A. Macgregor Memorial Lecture October 10th, 1957, on the "Clinical Pathological Correlation of Naevi and Melanomas".

Dr. John Zachary Young, Professor of Anatomy, University College; University of London, visited the University October 21st, 1957, through the sponsorship of the National Research Council. He delivered two lectures, the first in the Medical School Auditorium on "Some Aspects of Cellular Organization", and the second in the Natural Science Building, on "Memory Systems, Especially in Octopus". On October 23rd, 1957, Dr. William McLean Wallace was the guest speaker in connection with the Paediatrics Day, in the form of a General Practitioners' Course, sponsored by District No. 1, of the Ontario Medical Association, in liaison with the Department of Paediatrics. He conducted a clinic on "Tuberculous Meningitis", and presented a paper on "The Management of the Child of the Diabetic Mother". Dr. Peter Armitage, who is a member of the Medical Research Council's Statistical Research Unit at the London School of Hygiene and Tropical Medicine, visited this University October 25th, to 28th, 1957, as a guest of the Department of Psychiatry and Preventive Medicine. During his visit he addressed members of the Department of Mathematics on "Methods of Sequential Analysis in Controlled Experiments". At a special seminar at the Medical School, he discussed "Some Statistical Aspects of Cancer Chemotherapy Trials".

Professor John Bruce, Regius Professor of Surgery in The University of Edinburgh, visited the Faculty of Medicine on November

5th, 1957, and delivered an address to the students on the "Selection of Patients for Gastrectomy". Professor William Melville Arnott, who is William Withering Professor of Medicine, University of Birmingham, and Sir Arthur Sims Commonwealth Travelling Professor for 1957, visited this Faculty of Medicine November 6th to 9th, 1957. He delivered lectures to two groups, and also addressed the Department of Medicine at an informal dinner. On March 3rd, 1958, a talk on "A Fresh Look at Striated Muscle", was given by Dr. Keith R. Porter, who is a member of the Rockefeller Institute for Medical Research, New York, where he directs a laboratory devoted to the electron microscopy of cells and tissues.

Dr. Frank Dickens, Philip Hill Professor of Experimental Biochemistry at the Courtauld Institute of Biochemistry, Middlesex Hospital School, University of London, visited the Collip Laboratory on March 4th, 1958, and gave a special seminar at the Medical School on "Pathways of Carbohydrate Metabolism and Their Occurrence in Tumours". The Department of Paediatrics was responsible for bringing as a guest on March 4th, 1958, Dr. Grant H. Lathe, Professor, Department of Chemical Pathology, University of Leeds School of Medicine, who has recently taken over the Chair in Biochemistry at the University of Leeds. He gave a seminar to the third year students and staff members. Dr. William C. Gibson, Professor of Neurological Research at the University of British Columbia, delivered two excellent lectures here March 26th, 1958, the first on "The Metabolism of Aromatic Compounds in Schizophrenic Patients", and the second on "Original Discoveries that were made by Undergraduate Medical Students".

The Eighth B. T. McGhie Memorial Lecture was given on March 28th, 1958, by Dr. Clarence B. Farrar, Professor Emeritus, Department of Psychiatry, University of Toronto, who spoke on "Some Famous Scholars". Dr. Martin Hoffman addressed a seminar March 28th, 1958. He is Chief Physician at the Jewish General Hospital in Montreal, and Associate Professor of Medicine at McGill University. Professor Andrew James Rhodes, Director of the School of Hygiene, University of Toronto, visited the Faculty of Medicine on April 16th, 1958, giving two lectures, under the auspices of the London Academy of Medicine, on correct approaches to the recognition and diagnosis of some virus diseases.

Dr. Chester W. Southam who, in addition to many other appointments, is Head of the Section of Clinical Virology and Oncogenic

Virology at the Sloane-Kettering Institute in New York, lectured at this centre April 16th, 1958. He gave a broad view of the virology of cancer, including recent trends in this type of research.

Dr. Gustav Asboe-Hansen, Director, Laboratory for Connective Tissue Research, University Institute of Medical Anatomy, Copenhagen, Denmark, visited the Faculty of Medicine, May 28th and 29th, 1958, and lectured on "The Function of the Mast Cell". On June 5th and 6th, 1958, an address on "Recent Thoughts relating to the Functions of the Basal Ganglia" was delivered by Dr. J. Purdon Martin, Senior Physician at the National Hospital, Queen Square, London, England, and Consultant Neurologist to The British Postgraduate Medical School, Hammersmith.

FACULTY OF ARTS AND SCIENCE

Report of the Dean - F. Stiling

The most interesting event in the Faculty of Arts and Science in the last couple of years is the decision to establish within the constituent university, another arts college to be designated Middlesex College. During the year of 1956-57, the Board of Governors and the Senate had established the Middlesex College Planning Committee with the following membership: Professor A. B. Conron, Chairman, Vice-President Allen, Professors W. K. Ferguson, D. Ivor, A. H. Johnson, Principal F. Stiling, Dr. J. J. Talman, Professor R. W. Torrens, Bishop W. A. Townshend and Professor G. H. Turner. This Committee completed its report in the period under review, which was accepted by the two governing bodies. Middlesex is not to be a junior college but a co-educational establishment offering a well rounded programme for all years of the humanities and social science courses. It is understood that there will not be a mere duplication of existing departments but that similar departments in University and Middlesex Colleges will complement each other. There may well be different emphasis in these departments. For example at University College the department of Economics and Political Science may become strong in Economics, while in Middlesex College the Department may emphasize Political Science. Similarly, the History

Department in the new College may build its strength in Canadian History and that in University College in English and European. This kind of arrangement, of course, implies that students registered at either college will take some courses at the other.

Middlesex College, which will be limited to one thousand students, marks an important step towards solving some of the problems created by increasing enrollments. Its existence will militate against an unduly large registration in University College within the next few years. It will enable both Colleges not only to maintain a proper ratio of students and faculty members, but to provide the proximity necessary for the personal and tutorial assistance which members of the faculty should provide for students.

Preparations for the increase in the student body are not, however, confined to the Constituent University. The Affiliated Colleges are developing their arts faculties and at its meeting on May 23, 1958 the Senate approved the offering of additional pass and honors courses at the College of Christ the King and at Huron College.

Consequent upon this strengthening of the teaching staffs, the Affiliated Colleges which accept students from Grade XII recommended that there should be a common preliminary year as follows:

(i) For admission to Junior Group 2, Secretarial Science, Honors Philosophy:

English 10

Another language

Latin 10 or two Maths. or Music (Grade 2 Theory and Grade 8 Performance)

Three courses from:

History 14

Geography 20

Biological Science 21 or Physical Science 21

A third Mathematics

Music 10 (if Music is not selected above)

Religious Knowledge 10

Another language 1, or 10, or 1-10

Physical Education and Health Lectures

(ii) For admission to Home Economics and Nursing:

English 10
Another language
Latin 10 or two Maths. or Music (Grade 2 Theory and Grade 8 Performance)
Zoology 21
Physical Science 21 (Chemistry section)
Religious Knowledge 10 (for Ursuline College students)
Physical Education and Health Lectures

(iii) For admission to Music:

English 10
French 10
Latin 10 or two Maths.
History 14
Music 15
Physical Education and Health Lectures

(iv) For admission to Pre-Theology:

English 10
Another language (Greek 1 acceptable)
History 14
Two other full subjects from:
 two Mathematics
 Biological Science 21 or Physical Science 21
 another language
Religious Knowledge 10
Physical Education and Health Lectures

The Senate also approved a revision of the regulations governing the admission and programmes of adult special students. An adult seeking admission to the University in intramural study must be at least twenty-one years of age and have been absent from formal education for three years. He must also submit evidence of satisfactory standing in two Grade XIII papers in English, two in another language and one in another subject - or their equivalent. Adult special students entering the summer school and extension courses must meet these requirements within two years after beginning their work. Students in

this category will be admitted to the preliminary year in which they will be required to take English 10, another language and at least one other subject.

The decision to proceed with Middlesex College, the strengthening of the teaching staffs in all the Colleges of the Faculty, and the increased number of arts offerings in the Affiliated Colleges, attest the growth and vigor of the Faculty of Arts and Science.

UNIVERSITY COLLEGE

Report of the Principal - F. Stiling

With the growth of University College the need has become apparent for considering and modifying some of the practices which have existed largely by oral tradition. During 1957-58, one of the procedures which justified attention was that of conducting our examinations. Consequently, a special committee studied the examination procedure at University College and after deciding upon certain modifications committed the procedure to writing. The resulting document, which includes instructions for both students and members of the faculty, ensures as much as it is possible for any set of regulations so to do, security and proper conditions for setting and writing examinations. The faculty carefully discussed the suggestions of the committee and sent them forward to the Senate which approved them.

The mention of examinations brings to mind those written by students for admission to the University. With the increasing number of candidates writing for Grade XIII examinations and because of the rumour of changes in the type of these examinations, it is important that this University, as well as others in the province, should continue to keep in close touch with them. The obvious means is for the universities to provide associate examiners and examiners-in-chief for the high school subjects. The Principal regrets to report that not many members of the University College faculty apply for this work. In the year under review, Professor Burns, Magee, Pleva, Reidy, and Torrens served as

examiners-in-chief, The members of the faculty have been informed that this connection with the high school systems is important but the incentive to do scholarly work during the summer months militates against our people devoting time to Grade XIII examinations.

For some time there has been unofficial discussion about the organization of mathematics within the University. On November 25, 1957 the Board of Governors, recognizing that the applications of mathematics extend into several of the schools and faculties, appointed a special committee to study the organization, place, and function of mathematics within the University. Although it is unusual to include reference to a Board of Governors' committee in a report of University College, this reference is appropriate because the recommendations of the committee largely affect this college.

This committee, under the Chairmanship of Professor Bruce (Philosophy) included Professors J. Blackwell (Physics), A. Burton (Medicine), R. Cole (Mathematics), J. Foreman (Engineering Science), P. Fraser (Physics), G. Magee (Mathematics), A. D. Misener (Physics), R. Ready (Business Administration), D. Wilson (Botany), Mr. A. Evans (Mathematics) and Principal Stiling. The following recommendations were presented by the committee:

- (a) That the importance of mathematics, both pure and applied, should be forcefully recognized and its development encouraged by adding both staff and facilities to the existing strength of the Department of Mathematics. In certain cases, appointments to more than one Department might also be used as a means of strengthening and broadening work in the applied aspects of the work of the Department.
- (b) That the discipline of applied mathematics should be under the supervision of a Department of Pure and Applied Mathematics.
- (c) That an ad hoc Advisory Committee, to be appointed by the Principal of University College and the Head of the Department of Pure and Applied Mathematics in consultation, should be established to further and coordinate the development of applied mathematics within the University. The committee should be chaired by a member of the Department of Pure and Applied Mathematics and should include members from the Natural Science Division, the Social Science Division, the Humanities Division, and the Department of Engineering Sciences.

Members should be invited from the Faculty of Medicine and the School of Business Administration.

(d) That whenever Departments other than Pure and Applied Mathematics have students desiring particular courses to be taught by the Department of Pure and Applied Mathematics, the latter Department should, if possible and in consultation with the other Departments concerned, provide whatever courses such Departments require. This should not prejudice the teaching in other Departments of courses which include a mathematics content but which are essentially concerned with the application of that content to their particular discipline. In the latter cases, consultation with the Department of Pure and Applied Mathematics or the Advisory Committee would be desirable.

(e) The eventual status of applied mathematics within the University should depend upon future developments under the above arrangements.

The development of the Department of Engineering Science has been rapid. It began in 1954 with the appointment of Professor S. Lauchland and in 1957-58 there were five full-time members of the teaching staff and several part-time demonstrators. The Board of Governors approved an advisory committee to the Department of Engineering Science, comprising largely graduate engineers, which met for the first time on September 9, 1957. At this meeting the committee suggested among other things, that the degree for this course be a Bachelor of Engineering Science (B.E.Sc.). The Senate approved of the recommendation at its meeting on October 25, 1957 and the first graduating class of eleven students received the degree at the 177th Convocation on May 24th, 1958. In the meantime, the contract for the Engineering Science building has been let and the superstructure has already been completed. It is expected that the building will be occupied in the spring of 1959.

The scholarly achievements of the members of our staff continue to be recognized. Professor W. K. Ferguson of the History Department was inducted as a Fellow of the Royal Society of Canada in June, 1958, and Professor G. Winder of the Department of Geology has been elected a Fellow of the Geological Society of America.

Many members of the faculty gave papers at the meetings of learned and professional societies. There were so many indeed, that it would be tedious to enumerate all of them, but it is noteworthy that

Professor G. Reuber of the Department of Economic and Political Science was invited to attend the Food and Agricultural Organization Conference in Rome, November 2 to 24, 1957, as the financial advisor to the Canadian delegation. The National Research Council of the United States and the National Academy of Science jointly invited Professor Sivertz of the Chemistry Department to participate in a symposium of Photochemical Storage of Solar Energy. This symposium was held at the Massachusetts Institute of Technology, September 3 to 7, 1957.

SCHOOL OF NURSING

Report of the Dean - Edith McDowell

At Convocation in May, 14 Degrees of Bachelor of Science in Nursing, 61 Diplomas in Public Health Nursing, 37 Diplomas in Nursing Education and 10 Diplomas in Nursing Service Administration were granted.

Enrolment

1. Programme A.

1st year	7
2nd year	22
3rd year	15
4th year	12
5th year	12

2. Programme B - 6 students were enrolled

3. Public Health Nursing 70

4. Nursing Education 41

5. Nursing Service Administration 11

Advisory Committee

Two meetings of the Advisory Committee were convened during the year. The Advisory Committee recommended that Field Work for Public Health Nursing students be limited to one month per student, and that the matter be reviewed at a later date.

Faculty

Miss Norah Cunningham and Miss Dorothy Lounsborough joined our faculty for work in our Public Health Nursing Programme.

Part Time Lecturers

This report provides an opportunity to express our appreciation to Dr. C. A. Harris, who for many years gave our Public Health Nursing students stimulating and richly informative lectures in Public Health Administration. It was a privilege to have as lecturer and friend in our School, one who had given unique and invaluable leadership to the public health movement in Canada. The sincere wishes of everyone in our School go to Dr. Harris in his years of retirement.

New Programme

We opened our new programme in Nursing Service Administration with a restricted enrolment of 11 students, one of whom withdrew because of illness. We are concerned to develop a programme which will enable our graduates to give effective and much needed leadership in the improvement of administrative practice in nursing.

Our thanks are due to Mrs. Mary Bourne Telford of the Oshawa General Hospital, to Mr. Gordon Freisen, Hospital Consultant, and to Miss Mary Macfarland of the Toronto General Hospital, who as guest lecturers gave so generously of their knowledge and skills to the programme.

We are especially indebted to Miss Mary Macfarland and to Dr. Jack Sharpe and their Administrative Assistants at the Toronto General Hospital for co-operation in planning a three week period of field work.

There were no precedents concerning field work, and it was necessary to have several planning conferences from which evolved whole hearted support of our programme and valuable administrative experience for each of our ten students.

Faculty Activities

During the month of June, it was our very great pleasure to be hostesses to the Canadian Conference of University Schools of Nursing to a two day work conference followed by the Association's annual meeting. Mr. Bob Sproule and Dr. William Downe provided a most stimulating demonstration of the use of Case Method in education. Directors of Nursing and their Administrative Assistants from Sarnia, Kitchener, Toronto, Stratford, Chatham, Woodstock, St. Thomas, and London were special guests at this demonstration.

As in previous years, our School was represented by its Dean and Faculty members at meetings of: Canadian Public Health Association, Ontario Public Health Association, Canadian Hospital Association, Ontario Hospital Association, the Canadian Nurses' Association, the Registered Nurses' Association of Ontario, and District and Chapter meetings, and in addition the American College of Hospital Administrators Meeting in Toronto.

In July of 1958 the School of Nursing moved from Lower Hall, University College to the third floor of the Natural Science Building. Our new quarters will ease to considerable extent the pressures due to lack of space for our rapidly expanding School of Nursing.

We wish to express our appreciation to the Directors and Staffs of the many agencies in which field work and observation visits are provided for our students. As our School expands, notwithstanding the current reduction in the amount of field work provided per student, our requirements for placements have grown.

We could not wish for a greater measure of cooperation than that provided so willingly by these agencies throughout the Province and here at home in London.

SCHOOL OF BUSINESS ADMINISTRATION

Report of the Dean - F. W. P. Jones

Enrollment was up once again at the School of Business Administration. While the extent of this rise is dealt with in the Registrar's Report, I would like to make certain comments that might be of interest. In the undergraduate division of the school for the first time registrations reached a figure where it was necessary to create two sections. While many problems were encountered, we feel that the experience was very valuable. At the graduate level, the number of candidates for the first time approached the total enrollment of the undergraduate group. Students came to take the graduate course from more than thirty Canadian universities and several foreign schools. It is rather interesting to note that the Canadian Association of Rhodes Scholars now extends the opportunity to an outstanding British student to study for one year in Canada at the university of his choice. We are pleased to report that the first candidate for this program selected Western. During the year we worked out with Laval a summer exchange proposal through which we hope eventually to have a number of our students working in Quebec in exchange for Laval students to secure employment here. In this way, we believe each will gain further knowledge of the economic and cultural background of the provinces concerned.

Undoubtedly the highlight of the academic year just completed was the opening of the new Richard Ivey School of Business Administration Building. Despite overwhelming difficulties faced by the architect and contractor the school was nevertheless able to begin classes in this structure in mid-September of 1957. The Board of Governors graciously extended to the faculty of the school the opportunity to be heard at all stages of the planning of the new building which privilege was very much appreciated. As a consequence of many hours put on the plans by all parties concerned, the school does feel that its new building gives very adequate and comfortable quarters. Hitherto we did not have amphitheatre-style classrooms suitable to student case discussion, small study areas or seminar rooms. This, coupled with adequate space for faculty offices and conferences, adds a great deal to our program. In addition to conducting the regular program of the school in the building, several requests for the use of our new quarters were received by outside business groups.

After approval by the Property Committee this privilege was extended and substantially added to the numbers we serve. The School continued during the past academic year to emphasize the enlarging of our faculty to take care of current enrollment and the prediction of those to come. One year appointments were given to Messrs. Allen, Ferguson, Grindlay, Hobbs, Johnston and Wood. A number of these men devoted their time exclusively to the writing of cases which are shared with other universities as well as being used to enrich our own program. During this year we were without the services of Professor John Nicholson who is at work on his doctoral degree at the Harvard Business School. At the end of the academic year the Board granted a leave of absence to Mr. Albert Wood who was the recipient of a Ford Foundation Fellowship for advanced studies at Harvard. The resignations of Mrs. Peter Nixon and Mrs. Boyd Chesney were received with much regret. Both served for a number of years on the Report Writing Program of the School. They will, however, continue on a part-time program. Shortly after the close of the past academic year, the sad passing of Professor A. Gordon Huson occurred. His loss is a great one.

Course Development continued to be a rewarding area in which the faculty worked. During the year a new course was approved by the Senate and developed by the faculty to be known as 'Executive Problems' and to be offered as a final year option to senior year students. The faculty too was busy examining the place of 'figure data' in the education of Business Administration students. To accomplish this a Committee worked under the chairmanship of Professor J. C. Taylor and at the present time has in mind several changes in the Accounting and Finance courses taught at the school. During the academic year a total of one hundred and four cases were completed. These were in the areas of Introductory Business, Production, Marketing, Finance and Transportation. Applicable to our case program was the announcement that the Ford Foundation was sponsoring an Intercollegiate Bibliography under the management of the American Association of Collegiate Schools of Business. This is a central listing agency whereby universities using the case method may exchange teaching data. Our faculty approved Western's participation in this splendid project. Presently we have about seventy-five cases which have been released by Canadian companies for use by member schools.

Four course offerings leading to the development of executives or the further training of staff were extended during the past year. The

current business recession has sharply cut back registration on such courses at most universities. While we suffered some at Western, all programs continued at a satisfactory operational level. The Management Training Program designed for men who either enjoy senior executive responsibilities or who are about to assume them went into its eleventh year. The offering of a second section of Management Training has been under consideration by this faculty and our Advisory Committee for a number of years. At last we felt we had an adequate staff to take such a step. Consequently, this year instead of one class of ninety-five, we operated two groups of sixty-two and sixty-three respectively. The Faculty feel that this experiment was a great success and that there is an opportunity for much more fruitful discussion with the smaller number in each class. While once again Ontario and Quebec contributed a substantial percentage, it is rather interesting to note that students were here from eight provinces as well as the United States. Thirty-four new companies participated in the program and included among this number we are happy to say there were a number of small companies as well as cooperatives and departments of government. Twenty-five types of industry were served sending men from sixty different fields of industry, the armed forces and government. The average age of the class was close to forty-five years.

The Marketing Management Course conducted its sixth session and for the first time this year went into the full three-week program. As you would expect, enrollments here suffered more sharply from the business recession because most companies with a sales problem facing them were reluctant to send the same number of men as in other years. Nevertheless we are happy to say that fifty-eight executives were enrolled for the period concerned. Again all teaching assignments were handled by the Faculty of the School of Business Administration. The Canadian Council of Foremen's Clubs once more requested the services of our faculty and premises. Under the convenorship of Dr. R. K. Ready, Professors Nicholson, Waugh and Wettlaufer participated. Similarly, Professor Thompson continued in an advisory capacity on the C. N. R. executive staff development program. Accompanying him to Lennoxville, Quebec, for sessions of the course were Professors Ready and Nicholson. During the year a request was received from the Association of School Principals who were conducting a seminar of several weeks' duration at Kingston. At the request of the President and Vice-Chancellor, Professor John Wettlaufer accepted the assignment of advising this group and was present with them for classes for a period of one

week. The aim of this course was to give school principals a greater working knowledge of business problems in their area. Remembering its responsibilities to adult education, the school sponsored a ten case series in the area of Sales Management. The response to this was so overwhelming that it was decided to conduct three groups. While we do not feel that this offering was completely successful, we did gain some very valuable experience in teaching this type of student.

The financing of student education especially at the graduate level continues to be a very grave problem. Consequently, the Board of Governors on behalf of the school was graciously pleased to accept a handsome new scholarship from the accounting firm of Riddell, Stead, Graham and Hutchison. The Canadian Council of Foremen's Clubs made available a \$750 Grant-in-Aid with a promise of future amounts in the years ahead. The 1958 Marketing Management Group added substantially to the Grant-in-Aid Fund which they sponsored, and for the first time, the Management Training Class of 1958 extended a Grant-in-Aid to the school. Their contribution will run in excess of \$1,000. On student aid, the school wishes to express its gratitude for the great help which was extended to our students by Dean Hoskin.

The faculty faced the placement of our 1958 class graduates with some uneasiness because of economic conditions. Despite this, under the administration of Mr. Neil Armstrong all students were once again placed. A total of ninety-one companies conducted approximately one thousand interviews on our campus. Again we insisted that this program be restricted to the second semester despite growing pressure on the part of industry to come to the school in the fall. Satisfied with the experience of a Spring Break during which students may not only complete field assignments, but in the case of those who are graduating take final interviews, a period of one week free of classes was set aside. Our faculty feel that this step adds to the regularity of class attendance during the balance of the semester. Mr. Armstrong, in administering our Placement Program, noted with satisfaction that students do not necessarily take positions that offer high salaries unless there is a proposal on the part of the company to give adequate training and responsibility thereafter. As in other years, the majority of our students went into the fields of Marketing, Accounting, and Finance, but there is a growing interest in the work of Government, Personnel, and Investments.

Since 1923, Western, in teaching Business Administration, has always used a program of Company visitations in order that its students may see at first hand the operation of the various departments of the industry concerned. In carrying out this work, the Juniors and incoming MBA candidates each visited at least six companies. In order that no one firm would be over burdened we invited twenty-eight companies to participate. Twelve members of the Faculty escorted students on these trips. This work was chaired by Professor Ready assisted by Messrs. Armstrong, Ferguson, Waugh and Wood. As a result of the 1957-58 work, the Committee saw fit to make several recommendations to faculty which are being considered.

Shortly before the death of Professor Huson, he submitted a report on The Business Quarterly. In this he called attention to the fact that the format of the magazine had been changed after consultation with our Advisory Committee. The new journal form has been well received and we believe that the expenditure to make the change was well warranted. The Editor reported a successful expansion for the Quarterly both in circulation and advertising revenue. Concentrating always on content, there is reason to believe that we presented articles of interest to the business community. It is again gratifying to find that Western's staff in several faculties have contributed to the journal. In Volume XXII, thirty-four articles were published, ten of these were received from University of Western Ontario faculty, five from students, and the balance from practising businessmen, economists and government officials. The volume was four hundred and fourteen pages in length.

Elsewhere, I referred to the new building but I did not mention in detail our sizeable Reading Room. This has been a great step forward for the students. During the past year several hundred books were acquired, a library of prospectuses was established and our Annual Reports were kept up-to-date. The faculty feel with acquisitions of past years we now have a satisfactory reference library. At the same time, with our new emphasis on research, some thought must immediately be given to the planning of an adequate research library.

After several meetings with the executive of the Western Alumni Association, the school proceeded with a program within the framework provided by the Association but nevertheless recognizing the fact that particularly in our Graduate School, students have a divided loyalty being dedicated to their Alma Mater on the one hand, but being

interested in the School of Business Administration on the other. The school submitted to the Alumni Council proposals to serve best our growing group of graduates. Carrying out this theme, during the month of February, all London Alumni were invited to Somerville House from which they adjourned to inspect the new Richard Ivey School of Business Administration Building and to see and discuss a filmed case. In May, we conducted our Second Annual Business Alumni Conference. This was built around the theme of Profit Improvement, and was chaired by Mr. Harold Newell who is a Business Administration graduate, an enthusiastic Alumnus, and a Board member. Dr. Ready served as a close faculty contact for Mr. Newell and practically every member of our staff worked on the program. One of the major papers of the Conference was delivered by Mr. John E. Brent of the Class of 1931. Also, delivering papers were Dr. Bernard Hymovitch, Mr. Trevor Moore, Mr. Harold Rea and myself. Despite a conflict with a statutory holiday, more than one hundred and fifty graduates and friends of the University attended this Conference. The school at all times has expressed to the Alumni Association that any function held at the school is designed purely to strengthen Western's position within its Alumni, and all graduates of the University of Western Ontario are invited.

The Advisory Committee of the School of Business Administration held two meetings under the chairmanship of Mr. J. R. White. The spring meeting proved to be of unusual interest because the group came to the campus and made a very thorough visit of the new building. Two appointments to this Committee were made by the Board and brought to our midst, Mr. M. W. McCutcheon and Mr. F. T. Sherk.

At the school during the past year we saw the solution to a number of our problems but there are still many to be faced. With the splendid cooperation I have not only from our faculty but from other parts of the University, we are confident of further progress.

HURON COLLEGE

Report of the Principal - Rev. W. R. Coleman

Registration of Students

During the 1957-58 academic session 207 students were enrolled at Huron College. Of this number 169 were registered in the Faculty of Arts, an increase of 89 over last year, and 38 were registered in the Faculty of Theology, a decrease of 6. The total number of students in Theology and proceeding thereto was 74.

Faculty Appointments

Faculty of Theology:

Three appointments were made in 1957 to the Faculty of Theology.

(1) The Rev. Sydney Temple, B.A., B.D., Ph.D., a graduate of the Pacific and Seabury-Western Seminary, was appointed to the Chair of New Testament and is also lecturer in Liturgics. Dr. Temple taught previously at Columbia and the University of Massachusetts. He has also had a good deal of pastoral experience. In recent years he has undertaken post-doctoral research at Oxford and has engaged in archaeological investigations at Jericho. Among his publications is a recent book called A Serpent in Eden (Mcwbrays).

(2) The Rev. John G. Morden, B.A., B.D., S.T.M., a graduate of University College and Wycliffe College, Toronto and of Union Theological Seminary, New York, was appointed Assistant Professor of Theology and Registrar. Mr. Morden is a doctoral candidate of General Theological Seminary, New York, and is in the process of completing studies for the degree. Before joining the staff, Professor Morden was Rector of St. Matthew's Church, Islington.

(3) The Ven. Albert Jones, B.A., L.Th., a graduate of Bishop's University and St. Augustine College, Canterbury, and former Archdeacon of St. Francis, was appointed Warden of Seager Hall and will lecture in Pastoral Theology at the College.

Faculty of Arts:

Five appointments were made to the Faculty of Arts:

(1) The Rev. F. H. Allen, M.A., B.D., an outstanding graduate of the University of Oxford, and Liddon prize man, is the Assistant Professor of Classics. Professor Allen has taught University courses in England. At the time of his appointment he was Vicar of Quorn (Leicester). He has written a book, God's Action in the Soul (S.C.M. Press).

(2) Mr. George Black, M.A., a graduate of Honours French and Latin of the University of Toronto and a doctoral candidate at Western, has been named Lecturer in French. He is also the Director of Music in the College.

(3) Mr. Charles Hanly, B.A., a graduate of Toronto, and holder of the Woodrow Wilson Travelling Fellowship to Oxford, is a Teaching Fellow in Philosophy.

(4) Mr. Blair Gray, B.Sc. (Queen's), is a part-time instructor in Mathematics.

(5) Miss Edith Farncomb, B.A. (Western) is a part-time instructor in History.

The present strength of the faculty is as follows: Full-time members: 14, Part-time instructors: 3.

Graduating Class

Twelve students qualified for the Testamur of the College in May.

University Convocation - October 1957

A special convocation of the University of Western Ontario was held for Huron College in University College on October 7th. At this time the degree of Doctor of Divinity (honoris causa) was conferred on the following: The Venerable F. G. Lightbourn, Rector of St. James Church

Stratford, and Archdeacon of Perth; the Venerable R. D. Mess, Rector of St. Thomas' Church, Walkerton, and Archdeacon of Saugeen; the Right Rev. and Rt. Hon. J. W. C. Wand, former Bishop of London, England, and the Most Rev. W. L. Wright, Archbishop of Algoma and Metropolitan of Ontario.

Huron College Convocation - May, 1958

On May 3rd Huron College, on the basis of its new Act of Incorporation, conferred degrees as well as Titles and Testamurs upon its own graduates in divinity. Those students who qualified for the degree of Bachelor of Theology in 1957 received this degree together with students who have qualified this year. Candidates for honorary degrees in divinity will in future receive the degree at Convocations of Huron College.

Alumni Association

The annual conference was held September 12-14, 1957. The theme lecturer was the Rt. Rev. and Rt. Hon. J.W.C. Wand, former Bishop of London, England. Dr. J. L. H. Henderson of the College faculty also provided lectures in the field of diocesan history.

New Act for Huron College

A new Act for the Incorporation of Huron College has received Royal Assent in the Provincial Legislature. Under the new Act the governing body of the College will have enlarged representation from the Synod of Huron and the Alumni Association, and will be known as the Corporation of Huron College. Between meetings of the Corporation an Executive Board under the chairmanship of the Bishop of Huron will carry out the business of the College. An Academic Council consisting of members of the Faculty and representatives of the Corporation will determine matters of educational policy. The new Act provides the right to confer all degrees in Divinity, ordinary and honorary.

The Corporation of Huron College wishes to express its particular gratitude to Dr. G. E. Hall, President of the University of Western Ontario, for his kindly counsel in the framing of a constitution

related to the new circumstances in which the College finds itself today, and enabling it to contribute more effectively to the life of a great and growing University. Dr. Hall's experience in University constitutional matters and his interest in the growing strength of the College were most graciously shared by him with those responsible for the drafting of the new constitution. Our thanks must also go to Mr. Frank Little, Q.C., who drafted the new Act and presented it most effectively to the various Departments of the Legislature and the Private Bills Committee.

We now have a form of government which preserves all the values of the old constitution and is also more effective in meeting the swiftly changing circumstances of the College's growth towards greater usefulness.

New Buildings Completed

The third floor of the residence was completed in September, providing accommodation for an additional 57 students. It has two bachelor suites for junior members of the faculty. This much needed extension has already proved its usefulness to us.

The faculty residences in the Brough Hall area were completed in December and are now occupied by two members of the Faculty with their families. These residences are commodious and well-designed to fit in their beautiful surroundings.

New Buildings Projected

In October 1958 we are hopeful of seeing in completed condition the Silcox Memorial Library, capable of holding 100,000 volumes and providing adequate reading room accommodation and special library features such as study carrels, microfilm room, periodical room and stacking areas. This unit will be entirely air-conditioned to provide for the well-being of the books no less than the students! This library is made possible through the generous legacy of the late Mr. Leslie Silcox and a grant from the Canada Council. The architectural design is the work of Mr. John Magee, and the building is under the supervision of M. M. Dillon and Company.

Hellmuth Hall

The nucleus of a Women's Residence came into being through the transformation of the Principal's Residence. There are now ten women students in residence under the supervision of Miss Beryl Heathcote as Warden. The College is most grateful to those who have shown interest in providing various amenities, particularly the Bishop Hellmuth Chapter of the I.O.D.E. Altogether there are 16 women students registered in Arts courses at the College. It is our hope that this number may be doubled next year, and that opportunity may be given to us to build adequate women's residence in the not too distant future.

ST. PETER'S AND CHRIST THE KING COLLEGES

Report of the Rector

Rt. Rev. Andrew P. Mahoney

The College of Christ the King opened its third year of existence with 150 registered full-time students.

Rev. P. E. Crunican, Dean of Men, was given leave of absence for post-graduate study in History at the University of Toronto. Rev. P. E. Cavanagh became Dean of Men. There were five additions to Staff: Dr. John K. A. Farrell, Ph.D., in History; Mr. Alton Craig, M.B.A. in Business; Mr. Dante Lenardon, M.A., in Romance Languages; Mr. James Ryan, B.A., in History and Rev. R. A. Graveline, Ph.L., S.T.L. in Philosophy and Theology at St. Peter's.

Three societies were founded during the year; the Lingard Society for students interested in History; the Circolo Universitario Italiano for students who love Italian culture; and the Salon Mauriac for students who wish to be influenced by the civilization of France.

The students participated in two plays. During the first semester 'The Importance of Being Earnest' was presented at the Catholic Culture

Centre. In this play C.K.C. students collaborated with Brescia Hall and University students. During the second semester "The Sleep of Prisoners" was presented in the College and at St. Peter's Seminary by four C.K.C. students.

The best contribution, however, made by students to the life of the College, was the foundation of the College Paper, "The King's Men", whose Editor-in-Chief was Stephen Gradish. This student aroused student opinion, opposed student opinion and determined student opinion. Because of all his activities which were so beneficial to the College, and because he dedicated his talents to Christ the King, this student was placed on the Dean's Honour List, the first student of the College to receive this recognition.

Besides three lectures on Music which were sponsored by the students in the Fall, the College sponsored four lectures on the Visual Arts in the Spring. Dr. Peter Brieger, Head of the Department of Art and Archeology, the University of Toronto, spoke on Renaissance Painting. Dr. Martin S. Soria, Associate Professor in the Department of Art, Michigan State College, spoke on Spanish Painting. Dr. W. F. A. Dale, Curator, the Toronto Art Gallery, spoke on English Painting. Dr. Wolfgang Stechow, Professor of Fine Arts, Oberlin College, spoke on the Foundations of Dutch Painting in the 17th Century.

On March 15th, 1958, The Canadian Negro Women's Club of Toronto presented a dramatic narrative for three voices composed by Dr. John K. A. Farrell, lecturer in History. This narrative was based on the life of the Negro in early Ontario and was entitled "Star of the North: Shine Bright."

The College contributed \$4,600.00 to the education of students from Hungary, refugees who participated in the revolution of November, 1956. Six Hungarian students lived in the College during the first semester and five in the second semester. Besides board and room, tuition was given to two of these students. In addition to the students from Hungary, a student from Tanganyika was granted a bursary for two years of study. It was a privilege to help these students.

Finally, as a climax to the year, nine C.K.C. and sixteen St. Peter's students made the Dean's Honour List and Mr. Fritz Weiden won the Gold Medal in obtaining his B.A. in Honours English and German.

URSULINE COLLEGE OF ARTS

Report of the Dean - Mother Marie

Although the number of full-time students enrolled at Ursuline College remained approximately the same as the previous year, the number for whom the College received the per capita grant increased by 7 percent, which fact would seem to indicate a gradual improvement in the quality of the students admitted.

Mother M. Corona, M.A. joined the Faculty as full-time Instructor in English and the following were newly appointed as part-time Instructors: History - J. K. Farrell, M.A., Ph.D.; Economics - Mrs. R. W. Torrens, M.A.; French - D. A. Lenardon, B.Ed., M.A.; Library Science - Miss E. Donnelly, B.A., B.L.Sc.

A gratifying number of students registered for the two summer courses offered at Ursuline College in 1958: Philosophy 30x (Mother M. St. Michael, Professor) and Sociology 39x. An interesting and stimulating experiment in exchange of professors took place this summer: Mother M. Rosanna, M.A., was invited by Our Lady of the Lake College, San Antonio, Texas, to give a graduate course in "Methods in Social Research" and the Sociology 39x Course at Ursuline was in charge of Sister M. Francis Jerome, C.D.P., Ph.D., Head of the Department of Graduate Studies in Social Science at the San Antonio institution above mentioned. Sister Francis Jerome is the author of two books: "Cultural Values of American Ethnic Minorities" and "The American Family System", the latter due to appear in the fall of 1958.

Ursuline College sponsored two public lectures during the course of the year:

Rev. A. Durand, Ph.D., whose subject was "The Philosophy of Romanticism" and Robert A. Speaight who spoke on "The Drama of Conscience in 'Macbeth'".

The students of Ursuline and Christ the King Colleges joined to form the College Drama Club. Early in December they presented Oscar

Wilde's "The Importance of Being Earnest" and, in the spring, two one-act plays: Christopher Fry's "A Sleep of Prisoners", (C.K.C. students) and "Xingu" by Edythe Wharton, (Ursuline College students). Mother M. Corona and Mr. Victor Lemaire were the directors for these productions.

Ursuline College students took part in a variety of sports activities and events at the University and several times distinguished themselves by winning the highest scores in swimming contests.

MUSIC TEACHERS' COLLEGE

Report of the Principal - Clifford Poole

Music Teachers' College began the school season of 1957-58 in its new home, the A. E. Silverwood Building. The beauty of the building and the added accommodation were cause for rejoicing by both faculty and students.

The official opening of the building took place December 16th when Mr. E. Gordon Silverwood, on behalf of the A. E. Silverwood Foundation, presented the building to the University. Lieutenant-Colonel D. B. Weldon accepted the building for the University Board of Governors and gave a brief review of the College's history. Then Parsons and Poole presented a brief two piano program.

The Sunday Nine O'Clock Committee presented students of the College, assisted by the London Civic Symphony, in Thames Hall on February 2nd.

During the year solo programs were played by four students of the College.

Mr. John Cook was the winner of the North Carolina Composition Award and conducted the North Carolina Symphony in the premiere of his winning composition "Eclogue" in Greensboro, N.C., in April. Mr. Cook again wrote original music for the Stratford Shakespearean Festival.

Mr. Clifford von Kuster appeared as guest pianist with the London Chamber Orchestra. Sir Ernest MacMillan conducted.

Parsons and Poole again toured the United States and Canada under Columbia Artists Management.

SUMMER SCHOOL
AND
EXTENSION DEPARTMENT

Report of the Director - F. S. Maine

This was another year of expansion numerically and in the field of activities, for the Summer School and Extension Department.

The generally accepted responsibility of an Extension Department is to extend to the public, the facilities of the University as far as that is in keeping with the academic standards and accepted objectives of the University. It is conceivable that a private university might have somewhat different responsibilities and therefore objectives from those of a provincial university. In our own case, however, Western accepted the zoning arrangements sponsored by the Minister of Education of Ontario. We are responsible for supplying extension facilities to fifteen counties in Western Ontario and this obligation colors deeply the functioning of the Extension Department.

Credit work is desired by a growing army of employed people among whom teachers are numerous and the needs are met by Summer School, Extension, and Correspondence offerings. During the academic year 1957-58, 955 persons were registered in the Summer School, 761 in Extension classes and 419 in Correspondence courses. This made a total of 2,135. The subtraction of duplicates still left approximately 1,500 students proceeding to degrees through the Extension Department. To date nearly 1,400 students have obtained degrees after receiving a considerable part of their work by extension. The steady growth in the student enrolment is indicated by the Summer School attendance of those seeking

University credit.

<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>
550	623	745	870	955

Credit classes were maintained in fourteen centres throughout Southwestern Ontario and at three Centres in Northern Ontario. A total of fifty-one classes was organized and in addition to the credit students, there were 130 non-credit students registered as auditors.

The most striking expansion during the year was the offering, with the Investment Dealers' Association of Canada, of a ten-lesson home-study course in investments in stocks and bonds. There were 730 subscribers in Canada, the United States, Trinidad, Venezuela, Borneo, Great Britain, Switzerland, Singapore, Australia and New Zealand.

Another innovation was the offering of classes in Brantford in Accounting and Industrial Legislation. The Industrial and Cost Accountants Association of Canada was the co-sponsor and considerable expansion in other centres is probable.

Non-Credit Courses

1. Current Events and Social Problems - Stratford W.E.A.

The Workers' Educational Association again requested a series of twenty lectures on current events and social problems, the lectures being held in the Stratford Public Library.

2. Lecture Series in Economics and Sociology - Stratford W.E.A.

The Stratford W.E.A. offered a second lecture series in Economics and Sociology with the lectures being given by a member of the University staff from each of the above departments.

3. Drama Discussion Series - Sarnia

For the third year Dr. Eric Atkinson presented a series of

five lectures on Drama, this being on English Comedies, to the members of the Sarnia University Women's Club.

4. Engineering Institute of Canada Lecture Series - London

The local Chapter of the Engineering Institute of Canada requested three exploratory lectures in Philosophy, Psychology and Astronomy. The purpose of these lectures was to open new fields of interest to Institute members.

5. Engineering Institute of Canada - Sarnia

In Sarnia the local chapter requested aid in organizing a series of lectures and discussions on Nuclear Energy. Dr. A. D. Misener instituted the series and gave four lectures. The purpose of the course was to enable members to obtain a working knowledge of current theory and practice in the field of nuclear energy.

6. Foremen's Club Conference

The Western Ontario foremen again held a one day conference in April under the sponsorship of this Department and the Ontario Foremen's Club.

7. Industrial and Cost Accountants Course in Brantford

At the request of the Society of Industrial and Cost Accountants two courses were given in Brantford in Accounting and Industrial Legislation. Seventeen students were registered.

8. Investment Dealers' Correspondence Course

Noted above.

9. Institute of Radio Engineers Lecture Series

A six-class course in transistor circuitry and miniaturization was offered for the Institute of Radio Engineers. Twenty-six men from the city and Western Ontario participated.

10. Labour Institute

A two-day Labour Institute was held May 10-11 at the University in conjunction with the Canadian Labour Congress and the London and District Labour Council. This University held the first such regional labour gathering in Canada and this year's Institute was a continuation of what is considered to be successful cooperation on the part of the universities and organized labour.

11. Public Speaking - Stratford W. E. A.

A ten-lecture course in Public Speaking was offered in the Stratford Public Library by Professor Buckley with an average attendance of twenty.

12. Recreation Directors' Training Course

The three year diploma course in Recreation offered by this Department in cooperation with the Department of Education continued to draw more registrants. Nine graduated during the year, with 117 registered in the first year. In connection with this course the Annual Training Institute was held on campus for a full week in September, with 73 Recreation Directors from many parts of the province in attendance.

13. School of Religion

This year marked the Tenth Anniversary of the School of Religion. About 80 members of the Protestant clergy were in attendance June 17 - 21. Lectures on Church History were given by members of Western staff and Dean Wemple of Christ the King College. The outstanding theologian, Dr. William Hordern of Garrett Biblical Institute gave a series of lectures on "Theological Language and the Problem of Communicating the Faith". A special service at Huron College Chapel brought together over one hundred people interested in the School. Dr. Emlyn Davies of Yorkminster Church, Toronto, a former lecturer at the School, was the chief speaker, with Dr. Harrison of Huron and the President of the London Council of Churches also taking part.

14. Salesmanship - Stratford

In cooperation with the Stratford Chamber of Commerce a

five-lecture course in Salesmanship and Public Relations was arranged. Due to the great influx of visitors into the Stratford area because of the Festival the Chamber of Commerce officials had become keenly conscious of the importance of proper public relations on the part of sales people. There was a registration of over 500.

15. Staffa Workshop

The workshop at Staffa was resumed this year with a series of five lectures on Atomic Power and the Geophysical Year. Lectures were given by members of the University Science staff. This is an interesting rural community activity in which 60 to 100 participated throughout the week-long course held in the afternoons and evenings of the first week in January.

16. Speakers' Bureau

The Extension Department made available a Speakers' Bureau for those in cities and towns of the surrounding area who wished speakers for special occasions in their community. A large number of clubs and organizations made use of this service.

TROIS-PISTOLES SUMMER SCHOOL

Report of the Director - H. E. Jenkin

Fifty-seven registered for French and forty-three for English. Eight took the landscape painting course, and twenty-five the bilingual one on art appreciation.

August 21st, 1957 marked the completion of the 25th session of the School. The Senior and Junior Advisory Committees undertook the organisation of commemorative celebrations, and for this purpose constituted themselves, with Dr. Litalien as president, into a central organising committee, and set up the following sub-committees: Publicity, including correspondence with former students; Finance, responsible for the publication of a souvenir programme; Banquet;

Reception; Accommodation for former students.

The Central Organising Committee decided that the celebration of the 25th session should coincide with the closing ceremonies of the 1957 school.

Sufficient funds were raised from contributions and the sale of advertising space in the souvenir programme to provide a banquet for some 350 persons, and to permit of the free distribution of the souvenir programme of 20 pages. Had a larger hall been available, many other persons would have been present at the banquet. There follows the programme of the activities on the closing day.

- 9.00 a.m. - Mass
- 9.30 a.m. - Registration at the Parochial Hall
- 11.30 a.m. - Departure for picnic at sugar bush
- 3.00 p.m. - Tour of town
- 5.00 p.m. - Civic reception at the Parochial Hall to the guests of honour by the Trois-Pistoles city authorities. Signing of the distinguished visitors' book.
- 6.30 p.m. - Cold buffet at the Ecole Litalien
- 8.00 p.m. - Open air band concert
- 8.30 p.m. - Public session and prize distribution

At the public session, greetings were extended to the visitors by Canon Louis-David Rioux, Curé of Trois-Pistoles, Mr. Gérard Desrosiers, Mayor of Trois-Pistoles and Dr. Epiphane Litalien, Chairman of the Senior Advisory Committee. The latter evoked memories of personalities connected with the School and of outstanding events in its history.

Dr. Hall, President of the University, in conveying the greetings and thanks of the University, assured the good friends of Trois-Pistoles that, as long as they permitted it, the University would continue to maintain the Summer School at Trois-Pistoles.

The Mayor of Rimouski, M. Elzéar Côté, who has always been a supporter of the School, extended his congratulations and once again pledged his faithful support.

Dr. Alphonse Couturier, M.L.A., from Rivière-du-Loup, added his congratulations and good wishes. M. Hervé Rousseau, N.P., a member of the Senior Advisory Committee since its constitution, spoke of the history of the "bonne entente" in the province and the contribution made thereto by the School.

In thanking the speakers, the Director expressed his personal indebtedness to all those who had, over the 25 years of the operation of the School, shown him so much consideration and afforded him so much help and encouragement.

During the meeting presentations were made to the Director and his wife, and to Mme. Louis-Ernest Dionne, senior hostess. Mme. Dionne has received students annually since the opening of the school.

"Et", to quote L'Echo du Bas St-Laurent, "cette nuit, tous sont repartis heureux et joyeux, la tête peuplée de souvenirs."

Mr. T. J. Casaubon experimented with two techniques last summer, the first of which is designed to train the ear of the less advanced students. Listening and understanding were the only requirements during the periods devoted to this. Answers might be made in the mother tongue, or by gestures. Although this technique works better with children, who are less self-conscious than adults, the results were encouraging, despite the comparatively short time which it was possible to devote to this technique. Further time will be given to it in 1958.

The second experiment called upon the students to help, and learn from each other. An English class and a French class were each divided into two sections. With the four half-sections, two new classes were constituted, each consisting of half a French class and half an English class.

During the first half of the period the members of the newly formed groups discussed in their mother tongue a previously chosen topic. During the second half of the period the second language was used by each student in treating the same topic anew. While the first part of the discussion served to train the ear, and provide vocabulary and expressions, the second part became a valuable repetition and drill in the second language. Students in this type of class manifested great enthusiasm, and the experiment will be repeated in 1958.

Promotion, and consequently, a shorter vacation, have made it necessary for two members of the staff, Messrs. L. Desautels and W. Parisien to discontinue their work at Trois-Pistoles.

Professional considerations have also necessitated the resignations of Mr. and Mrs. J. H. Stewart. As students and instructors, they have been closely connected with the School for some twenty years.

The solid contribution made by these retiring members of staff has had a marked and valuable influence on the successful operation of both the academic and recreational programmes. Although the many friends they have made at Trois-Pistoles are happy that they have obtained professional advancement, much regret has been expressed that circumstances do not permit of their working there any longer. This satisfaction and this regret are fully shared by their colleagues.

The Trois-Pistoles Chamber of Commerce has supported the School from the outset. Recently it established a tourist information bureau, and the School will doubtless benefit by its intensified publicity campaign.

THE UNIVERSITY LIBRARIES

Report of the Chief Librarian - J. J. Talman

Circulation

During the year ended June 30, 1958, outside circulation in the Main Reading Room, which involves the most service by staff members went up over 4,500 or 10 per cent. It may be added, parenthetically, that the greatest increase was in the fields of History and English. New methods of counting in the Business Reading Room seemed to reduce inside circulation figures in the H, J, and K sections of the Library of Congress classification, which includes works in business and economics, from 34,294 to 21,611. Actually there was no appreciable reduction in the use of books as now only actual over-the-desk circulation is counted. This

realistic method of counting circulation was established in the Medical School two years ago. In a year or two it will be possible to arrive at totals which may be usefully compared.

Medical circulation was 11,321 compared with 10,375, an increase of about 10 per cent.

Interlibrary Loans

In both the General and Medical Libraries, interlibrary loans increased as the following tables show.

General Library

Loans to other libraries

1956-57	371
1957-58	415

Borrowed from other libraries

1956-57	390
1957-58	538

Medical Library

Loans to other libraries

1956-57	524
1957-58	714

Borrowed from other libraries

1956-57	347
1957-58	407

When total transactions are taken into account, a sharp increase in this part of library service is revealed. In 1956-7, a typical year, the total was 1,632; in 1957-8, 2,074, or an increase of about 25 per cent. The figure 538 for books borrowed from other libraries by the General Library reflects increased activity in graduate work and research. Since the figure shows an increase of over 37 per cent, while the increase in books lent is only about 11 per cent, it would appear that the General Library is not adequately meeting the needs of its constituency. Greater provision, therefore, must be made to enlarge its resources. A library as long-established and as large as the General Library should by now be lending more than it is borrowing if it is to hold the place which its maturity should give it in the national library scene.

The increase in the number of interlibrary loans going out from the Medical Library is perhaps due in part to the fact that more medical

men in South Western Ontario are using the service, and in part because the resources of the Medical Library have become better known than they have been, owing to the work of the two government services - the Union Catalogue of the National Library, and the Union List of Scientific Serials in Canadian Libraries.

Cataloguing and Accessions

Cataloguing and accessions in both libraries showed an increase.

General Library

Medical Library

1956-57	4,861	1956-57	1,249
1957-58	5,163	1957-58	1,702

Gifts

As has been the case for many years, both the General and Medical Libraries received numerous gifts. Some of special note were:

From the Carnegie Corporation of New York, a collection of 350 books which express American thought and scholarship. Library of Congress cards were also supplied for the gift.

From the students in the Management Training Course of 1956, \$162.13 for books in business.

From the family of John Labatt a "breeches" Bible, printed 1600-1615. Two daughters of the late Mr. John Labatt made the presentation - Mrs. Dora Spotswood, of Montreal and Lady Lister Kaye, of Ireland.

From Kerr-Addison Gold Mines Ltd., through the Geology Department, several volumes of the Bulletin of the American Association of Petroleum Geologists.

From National Book Foundation, several important volumes.

From Circle K Club, U.W.O., cheques totalling \$57.75 for books.

The Medical Library received the following gifts of money:

The Academy of Medicine	\$ 150
College of Physicians and Surgeons	200
Dr. J. W. Crane	100

Regional History

The General Library's programme of publishing items of interest in local history was greatly reduced for two years owing to a shortage of staff. It is gratifying to be able to report that Dr. John McLaughlin, whose appointment is recorded below, has not only caught up all arrears, but has put the publications on a current basis. In addition, Miss Anne Sexton, who joined the staff in January, has not only put the regional collection in order but has begun cataloguing accessions not hitherto processed.

Other Activities

During the year, the Director of the Simmons College School of Library Science requested permission to have Mrs. Helen T. Walker, who is registered in his School, do her practice work in the University Libraries. Although Canadian library schools have sent students here in the past, this was the first time an accredited American Library school has recognized the University of Western Ontario in this way.

In February, Professor Harold Scarrow of Michigan State University spent some time consulting our holdings of Ontario Legislative Journals which are not available in Michigan.

The Canadian Library Association microfilmed the early years of the Chatham Planet preserved in the General Library. The General Library added to its collection of historically important Canadian newspapers by buying the Winnipeg Times and Niagara Mail on microfilm. Many graduate students found practically all the material they needed for their graduate research without going beyond the resources of the General Library. These activities show that the General Library possesses many resources beyond those required for undergraduate work.

The retirement of Miss Catherine Campbell necessitated a realignment of instruction in Library Science. The work was successfully carried on only through the willing co-operation of several members of the library staff.

Reading Room in Richard Ivey School of Business Administration

The most significant development in the activities in the General Library came with the opening of the reading room in the Richard Ivey School of Business Administration in the autumn of 1957. The increased reading room accommodation, additional space for housing material, and proximity to the General Library combined to make the reading room a most useful addition to the operation of the General Library.

Staff Changes

Appointments to fill vacancies noted in previous reports were as follows: Dr. John McLaughlin, Miss Barbara Gene Luce, Miss Anne Sexton, Miss Pauline Williams, and Miss Kathleen Beretta, who replaced Miss Rachel Barnes who resigned in May from the Medical Library to accept a post in Antioch College, Yellow Springs, Ohio. Dr. John McLaughlin, who was appointed Assistant Librarian, came to the library from the personnel section of the Defence Research Board where he had gone after completing his Ph.D. in history at the University of London. Dr. McLaughlin also does some teaching in the Department of History. Miss Barbara Gene Luce, a Western graduate, returned to her Alma Mater after securing a B. L. S. at the McGill University Library School. In addition to supervising the Business Reading Room she collaborated with Miss Olga Bishop in reorganizing the Library Science Course. Miss Anne Sexton, a graduate of the University of Sheffield, as has been mentioned above, is supervising the Regional History Collection. Miss Pauline Williams, a graduate of the University of Aberystwyth, assists with reference and circulation. Miss Kathleen Beretta was formerly librarian at the library of the Netherlands Yeast and Distillery Plant at Delft. Prior to this she was at the Medical and Pharmaceutical Library of the hospital at the Hague.

Staff Activities

Miss Benson completed her second year as President of the Ontario Historical Society. Miss Bishop attended a Medical Library

Association meeting in Rochester, Minnesota, where she took part in the organization of a Canadian section, the Ontario Historical Society in Midland, and the Canadian Library Association meeting in Quebec. Dr. John McLaughlin attended the national meeting of the American Historical Association in New York, the Society for French Historical Studies in North Carolina, and the Ontario Library Association. Miss Anne Sexton and Miss Pauline Williams attended the annual meeting of the Ontario Library Association. Dr. J. J. Talman served another year as treasurer of the Canadian Library Association, and chairman of the Microfilm Committee of that body, and acted for the second year as chairman of the Governor-General's Awards Board. He attended the annual meetings of the American Historical Association, the Ontario Library Association, the Ontario Historical Society, and the Canadian Library Association.

Conclusion

The year was not an easy one, owing to increased circulation and book purchasing and cataloguing, complicated by a higher staff turnover than usual. Physically, the libraries of the University are not designed for large enrolments and large circulations. The Medical Library has its books widely dispersed, making for inconvenience and cost which would not be as high in a physically well-organized unit. The Main Reading Room in the General Library was ideally suited for the University as it was in 1934 when one staff member could keep control of circulation, perhaps assisted by a student helper at peak periods. Since the Main Reading Room is on the same level as the top floor of the stacks, attendants at the main desk go to a maximum distance for books. The charging desk in the main reading room was not designed to be served by more than one or two librarians. Consequently, additional circulation cannot be handled readily simply by adding more staff. Stack permits for third-year honors and final year students relieve the pressure to a certain extent, but the Library was built at a time when open stacks were not generally accepted and consequently was not designed to accommodate this type of service. It is not too much to say that during the past year it was, and as far as can be foretold during the years of the immediate future it will be, possible to operate the library only through the good nature and co-operation of the staff in a physically difficult setting. So far, that good nature and co-operation have been given unsparingly and I must take this opportunity to express my appreciation to the staff for it.

MUSEUM OF INDIAN ARCHAEOLOGY AND
PIONEER LIFE

Report of the Curator - Wilfrid Jury

In the past few years a broader understanding of history has been evidenced in the student body of the University. Not only is there a new attitude to the past, but a knowledge of the social and economic evolution from pioneer days to the present is being developed as a result, we presume, of new teaching methods in secondary and primary schools, and as a result of the opening of several excellent local museums in various parts of the province. There is no doubt too that the work of the provincial government in the restoration of sites and in the marking of some two hundred historic spots, has stimulated an awareness of the past among the general public.

The University museum shares in this development. At no time have the model Indian village and the model pioneer scenes received more attention than in recent years. School classes from London and the surrounding district are a regular part of the programme throughout the winter months.

More specifically, museum material is now being utilized effectively by the teaching staff of those departments of the University whose interests include, or are related to, the story of man. The Department of Journalism uses the Museum for laboratory practice in news gathering.

Research

Forget Site

Field work was carried on in the Huronia district (Midland - Penetanguishene). The Summer School of Indian Archaeology continued the investigation of the Forget Site, thoroughly examining two house sites, bringing the number of house sites now examined to nine. Some 1700 artifacts found this season will be catalogued and classified at the museum over the next six months. The Forget Site, after four years examination, continues to yield valuable evidence on an early pre-contact Huron culture.

Tay Township

In the months of August and September, a survey was made of the northern section of Tay Township, Simcoe County. This peninsula is bounded by Penetanguishene Harbour to the east and Nottawasaga Bay on the west. Little exploratory work has been done formerly in the area, and no archaeological investigations have been made. In fact, much of the land remains uncultivated.

Historically the area is of considerable importance. Here it was that the first white man, Etienne Brule, was sent by Champlain as scout and interpreter to the Huron nation as early as 1610. Here, too, came Champlain himself and the Franciscan, Joseph le Caron, first missionary in 1615. Thus it is in the villages of this peninsula that Indian and white man first learned to live together. Here, too, the first Jesuit missions were located before removal to their central home at Ste. Marie near the present Midland.

As a result of our search, the locations of several village sites were established. No attempt at identification will be made until more exhaustive examinations are concluded. Specimens recovered from the sites represent peoples of different ages and a thorough study of these will be necessary before any conclusions can be reached on the historical or pre-historical background of the area. In this work the curator was assisted by Miss Marjorie Johnston, honour history student at the University of Western Ontario, Miss Nanci Swayze, graduate student in Anthropology, now at the University of Pennsylvania, and Mr. Donald Abbott, recent graduate in Anthropology from the University of British Columbia. The work was done with funds granted by the Archaeological and Historic Sites Board of Ontario.

Landing Place, Nottawasaga

Our interest in Huronia is two-fold, embracing both the Indian period and the War of 1812. The building and use of the Nottawasaga Route to Lake Huron during the war has been under study for some years along with the development of the old Naval and Military Establishment at Penetanguishene. During the past summer, a week was spent in a preliminary survey of the fortified landing place and storehouses at the end of the Nine Mile Portage on the upper waters of Nottawasaga River.

It is planned to further this work in the fall of 1959, thus bringing to completion the search for the Nine Mile Portage which was made in September 1956. This will be done with the cooperation of the Barrie Chamber of Commerce.

Historical Projects

London

In the spring of 1958 it was decided to cooperate with the Thames River Valley Conservation Authority in building and furnishing a pioneer village of the mid-nineteenth century at Fanshawe Dam. One hundred acres have been set aside by the Authority and plans drawn up for the construction of houses, mills, a blacksmith shop, general store, church, school, and other buildings typical of a pioneer village in the vicinity of London. Already a house, a blacksmith shop, and an Orange Hall have been erected or moved to the spot. In the forthcoming months, the curator will spend a portion of his time overseeing the construction of buildings and in arranging interior displays at the village. Thus the large and valuable collection of material assembled from this area over the past thirty years will finally be put to use in a manner that will benefit the whole community.

Penetanguishene

The development of the Naval and Military Establishment at Penetanguishene is progressing with the cooperation of the Province of Ontario and the Town of Penetanguishene. The Officers' Quarters museum was visited by approximately 10,000 persons, including 3,400 school children brought by bus from various parts of the province. This building, one of Ontario's finest old structures, serves also as headquarters for the Summer School of Indian Archaeology. The curator serves as Chairman of the Museum Committee and is director of the project. The committee recently received with gratitude a cheque for \$500 from the John Labatt Company for the furnishing of one room.

Midland

The Huron Indian Village at Midland, built under the supervision of and administered by the University museum, attracts greatest attention

from the public and from educationalists at all levels. Groups of school inspectors and teachers, as well as over 100 school classes were conducted through the village in the months of May and June. Organized groups, many from distant areas, now tour the district with stops at the Jesuit mission site at Ste. Marie, the Huron Indian Village and the Officers' Quarters museum at Penetanguishene.

At the Officers' Quarters museum and at the Indian Village these groups are given short lectures by the Curator of the University museum, or by guides who are students at the University of Western Ontario, trained especially for the function. At both Officers' Quarters and Indian Village many articles from the University museum collections are on display.

By participating in these developments at Fanshawe Dam, Midland, and Penetanguishene it became possible to extend the usefulness of the museum far beyond the University campus. Much of this material has been for years housed in barns and other out-of-the-way places. It is gratifying to the curator to arrange for the display of these valuable articles in authentic settings which will make the history of this province come alive to the public in general.

The curator serves on the Archaeological and Historic Sites Advisory Board for the Province of Ontario, and on the Metropolitan Toronto and Region Conservation Authority.

UNIVERSITY HEALTH SERVICE

Report of the University Physician
Richard Bowen

General

The 1957-58 session was very active for the University Health Service. Early in the term virus infection was rampant with a great deal of disability in the student body. Appreciation is expressed at this time to medical colleagues who made many house visits. The university physician cannot speak too highly of the many landladies who looked after students as they would their own. The kindness and concern these young people were shown in their lodgings made the difficult period easier for

many.

The Health Service was open from 10 a.m. to 4.30 p.m., Monday to Friday. During that time students could obtain medical advice, treatment, or information concerning the insurance scheme. Physician's services were available Monday and Thursday 10.30 a.m. to 12.30 p.m., in addition to each afternoon.

It was the privilege of the service to assist the general administration of the University by maintaining continuous service from 9.00 a.m. to 8.00 p.m. six days a week through the examination period.

Through this tense period the students had the advantage of services of a full time nurse, with a physician available.

Physical Examinations

In accordance with University policy, all freshmen and personnel coming to the University for the first time were examined. Under special arrangement football personnel were examined early in September.

Steps were taken to avoid loss of medical contact with the greater part of the student body, namely the other years. Previous medical records were reviewed and large numbers of students were called to the Health Service for consultation and proper disposal. For continuity in efficient student health service, work in this field is imperative, and a continued regular increase is anticipated.

Physical disability was particularly noted, and great care was taken to ensure that the student was kept within his physical potential, as regards activity. It was the thought of the Health Service that embarrassment to student and teaching staff should be kept at a minimum and eliminated if possible. The University Physician contacted family medical attendants in a number of cases.

Annual X-Ray Survey

Once again all students were X-Rayed in January. Of the 3,174 members of staff and students X-Rayed, there were no admissions

to sanatorium for investigation and treatment.

A case of tuberculosis of the kidney was found and this case was ultimately hospitalized.

In the light of the concern entertained in medical and scientific circles in regard to radiation, a special committee was appointed to consider the possibility of deleterious effects of mass X-Ray for tuberculosis case findings. Consideration at Provincial level leans to intercutaneous skin injection for this purpose.

It was the privilege of the university physician to sit in on discussions on this subject in Los Angeles in March 1958.

Recommendation has been forwarded to the President for the adoption of I.C. testing at the University.

This will automatically reduce the number of students X-Rayed and thereby reduce the amount of radiation received by any given individual by this amount.

Health Education

A course of lectures extending over nine weeks was given to all first year students during the first semester. The text books - "Elements of Healthful Living" by H. S. Diel and "The Science of Health" by F. L. Meredith - were recommended. Films obtained from the London Board of Education, and coloured anatomical charts were used.

Student Insurance

The contract made by the University, on behalf of the students, with the London Life Insurance Company was again used. This is primarily a hospitalization plan, which covers surgery, medical care, and diagnostic investigation for the student while he is in hospital. Emergency X-Rays and emergency surgery are also covered.

This scheme has worked satisfactorily for several years. The company is most co-operative and a great many students are helped tremendously by the insurance.

The total number of claims handled by the Health Service office during the year was 420. All the work in connection with the insurance was dealt with by the secretary.

Clinical Work

Throughout the year the clinics were extremely busy, the total attendance at the clinic being 6,984. The work was regularly handled in the time allotted and the increased Health Service hours made this possible.

Through the kindness of two members of the Women's Faculty Club, a number of magazines were provided for the waiting room. These have proved popular with the students.

Staff

No changes in staff have been made and a successful year has been made possible by the efforts of Dr. Helen Rossiter and Dr. Frederick Curts.

I feel that the University is most fortunate in having the services of Mrs. M. Jarvis as secretary, and Mrs. R. Bond as Victorian Order nurse. Both are exceptional individuals in themselves; are competent, cheerful and kindly. The Victorian Order of Nurses' car has again been used repeatedly for taking ill students home or to hospital.

Statistical Survey of Clinical Work

There is still a steady increase in the volume of work handled.

	<u>1954-55</u>	<u>1955-56</u>	<u>1956-57</u>	<u>1957-58</u>
Consultation	3,065	3,633	4,594	6,984
Insurance claims	376	367	439	420

Referrals

Medical	20
Surgical and Orthopaedic	83
Eye	31
Ear, Nose & Throat	35

<u>Referrals</u>	<u>1957-58</u>
Dermatologist	9
Dental	19
Gyn.	6
Urologist	3
Chest X-Ray	4
Admissions to San.	1
Arthritic	1
Diagnostic X-Ray	123
X-Ray Therapy	23
Neurologist	4
Psychiatrist	10

Inoculations and Tests

T. B. tests	7
Wasserman	6
Paul Bunnell	5
Vaccinations - Small Pox	60
T.A.B.	153
Triple Toxoid	56
Staphylococcus Toxoid	53
Tetanus Toxoid	433
Salk Vaccine	2512
Cold Serum	25
Allergy Serum	147
Liver and B12 Injections	20
T.A.B.T.	1
Asian Flu Vaccine	3
House calls	39
Office calls	58
Staff seen in Health Service	81
Withdrawals	3
Total Attendance	6984

Attention is drawn to the amount of Prophylactic inoculation that has been carried out.

There has been a steady increase of activity, however it is felt that in actual clinical work there is little actual increase.

Comment

1. Undoubtedly prophylactic inoculations are of untold value in prevention of disease. Therefore economically they are of great value also, reducing time loss from work or study.

It is felt, that while the Health Service has done a creditable amount of this work, time has been stolen from actual medical consultation.

It is the intention of the University Physician to so arrange the inoculation programme that encroachment on clinic time will be minimized.

2. Education of the student and civil population will have to be intensified as regards the toxoiding for tetanus. The student response has been very discouraging.

3. A very charitable attitude is fast developing in the Health Service towards those who try to get excuses for lack of interest or carelessness on health grounds.

4. The physician is concerned about the amount of instability manifested in the people who attend clinic. However, the evidence of neuro-psychiatric disability does not appear to be increasing in our school.

5. The University physician is most appreciative of the co-operation of faculty and administration in making his work among the student body more effective.

DEPARTMENT OF THE DEAN OF WOMEN

Report of the Dean - Leola E. Neal

Registration

There were 528 full-time undergraduate women in University College in 1957-58, an increase of 44 over the previous year. An additional 25 women students registered in Music Teachers' College, and took their academic courses at University College.

According to the Atkinson Study of Ontario Grade XIII students about five boys went to University for every two girls. Relatively more girls than boys, although rated high in chances of success, were not encouraged to go to University. The same study reports that the girls excelled academically, and that teachers rated them more highly on personal characteristics. If we accept these facts it would appear that many promising women students are not receiving a University education. There seems to be a wastage of human talent. Perhaps the time has come to question the widely held belief that society benefits more by educating a boy than a girl.

Student Activities

Each year women students play an important role in extra-curricular activities. They plan and arrange many of the social events, hold executive offices in clubs and societies, and contribute to the various publications. During the past year there has been a great deal of interest in intra-mural athletics and as well Western women won three inter-collegiate championships.

The council of the Undergraduate Women's Organization has raised money for bursaries, furniture for the women's lounges, WUSC delegates, etc. This year the students undertook as a major project the renovation of the Women's Lounge in University College. When the alterations are completed the atmosphere of the lounge should be greatly improved.

Spencer Hall

Last year I reported that it is regrettable that residence accommodation is so limited. The situation remains the same, but I feel even more strongly about it. Each year the number of applications and enquiries about Spencer Hall increases. It would appear as if nearly all out-of-town first year women students apply to live in residence. It is unfortunate that these women students cannot have residence experience. This year there were 190 applications for the 104 places. Of the students at Spencer Hall 81 were freshettes and 23 were upper class. Three of the upper class students were transfers from other universities. During the Summer School session 88 men were in residence.

The Spencer Hall students have had an excellent academic record and their quality point average was higher than that of all women students in first year.

Housing

It is difficult to get accommodation for women students. Many householders provide a room but no meals, or a room and breakfast. As a result students in increasing numbers are living in apartments and they often live and work in crowded quarters. Students rely upon the Housing Bureau staff to help them find suitable places to live. Of the 1,002 students placed 204 were women. As secretary of the University Housing Committee it is a pleasant duty to express appreciation to Mrs. Browett and Mrs. Carey for their patience and help.

Counselling

Students make appointments for interviews and discuss their varied problems. Personal counselling is concerned not only with emotional problems but with those problems which are associated with study, housing, employment and finance. Members of the Faculty and the Administration frequently refer students and help in solving the problems. This gracious co-operation is much appreciated.

Acknowledgements

A number of special groups, foundations, and private individuals provide for scholarships and bursaries. Without such assistance many bright, conscientious students would not receive a university education. Our gratitude is expressed again to the sponsors and donors of these awards. This year the students at Spencer Hall and the members of the three sororities Gamma Phi Beta, Kappa Alpha Theta and Pi Beta Phi have made generous contributions to the Student Welfare Fund.

DEPARTMENT OF THE DEAN OF MEN

Report of the Dean - T. L. Hoskin

Number of Men Students

Of the 2,472 full-time graduate and under graduate students in the Colleges and Schools of the Constituent University, 1,776 or 71.8% were men in 1957-58. This is an increase of 155 students over the previous year and 95 of these were men.

Student Financial Assistance

(a) Dominion-Provincial Type "A" Bursaries (Freshmen)

<u>Year</u>	<u>No. of Awards</u>	<u>Total Value</u>
1953-54	19	\$ 6,450.00
1957-58	67	30,400.00

(b) Atkinson Charitable Foundation Bursaries (Freshmen)

<u>Year</u>	<u>No. of Awards</u>	<u>Total Value</u>
1953-54	14	\$ 5,400.00
1957-58	67	24,000.00

(c) Dominion-Provincial Type "B" Bursaries

<u>Year</u>	<u>No. of Awards</u>	<u>Total Value</u>
1953-54	138	\$ 29,225.00
1957-58	184	41,750.00

In these three major sources of student-aid, rather surprising increases are evident over the past five years.

(d) Miscellaneous Bursaries and Grants

Besides the large funds noted in a, b, and c, the Department of Veterans' Affairs under the Education Assistance Act provided \$25.00 a month and tuition fees for 17 sons and daughters of deceased veterans.

The Department of National Defence assisted a total of 26 students under the Regular Officer Training Programme and subsidized 5 others.

Eight City of London Tuition bursaries and 13 Board of Governors Faculty bursaries were awarded.

Eighteen students received awards from the W. F. Thomas Fund which amounted to \$1,700.00 this year.

Another 25 students were assisted by awards from the Atkinson Foundation grant of \$2,500.00 for "in course" students.

It is impossible to include in this report all of the many other bursaries and grants received by our students from the I.O.D.E., Service Clubs, Industrial Programmes assisting children of employees, small Trust Funds, Denominational Groups, Counties, Alumni, and friends of this University. A conservative estimate of the value of bursaries and grants alone from these varied sources is \$50,000.00 and this does not include scholarships and fellowships.

In 1957-58 a total of \$14,825.00 in loans were made to 55 students from Capital in the U. W. O. Combined Loan Fund. In addition to the 55 students receiving loans from the regular loan funds, 27 others received a total of \$1,218.00 in small loans (not exceeding \$50.00) from the Student

Benevolent Fund. Although most of the awards from the Benevolent Fund are interest free loans, a few are outright grants.

On the invitation of Jose Navarro Latorre, Comisario General de Proteccion Escalar Y Asistencia Social, the Dean of Men attended an International Colloquium on Student-aid Programmes in Madrid from October 10th - 15th, 1957. The discussions at these meetings indicated that all countries now consider their youth a very important national resource and accordingly are anxious to make higher education available to those who have the ability to benefit from it.

Placement

Despite the recession in Canadian industry, 72 companies recruited on our campus in 1957-58. Positions offered were not as plentiful and companies were more selective. Starting salaries for graduates were about the same as in the previous year, although a few were increased a bit. For example, the Civil Service Commission increased its starting salaries for graduates to a minimum of \$4,150.00 per annum. The greatest competition is for graduates in Mathematics because the supply is far short of the demand.

The number of students interested in teaching as a career is increasing quite noticeably. On March 6, 1958, Professor Douglas Dadson from the Ontario College of Education made his fifth annual visit here to speak to students interested in becoming secondary school teachers. This year he had 135 students out to hear him and ask questions. Since 1953 the groups have grown steadily from about 40 to more than three times this number.

Summer employment reflected the recession more than graduate employment. Many students were unemployed for the first two to four weeks of the summer, others accepted low paying jobs, and others were affected by strikes and lay-offs.

Counselling

This is the most demanding and time-consuming activity in this Department. The "open door" policy for counselling interviews is still theoretically in effect, but the number of students is now so great that most

of them make appointments.

Students come with a wide variety of problems. They range from the very simple to the very serious and complex. Some interviews take five minutes; others take an hour. There seems to be no clear-cut peak period any more during the academic year. Students do seem to use the counselling service of this office steadily throughout the year.

The Dean of Men wishes to take this opportunity to thank members of the Faculty and Administration for their interest and great help in the counselling of students.

Fraternities

Our fraternities continued to bring international recognition to the University for the quality of their scholarship. The Scholarship Trophy provided by the Northern Life Insurance Company was won from Beta Theta Pi by Beta Sigma Rho.

The Sigma Chi Chapter on our campus has a beautiful new Chapter House at 565 Ridout Street North.

The Interfraternity Council with the cooperation of all chapters, promoted a number of very commendable community projects in the interest of good public relations and useful chapter activities.

Other Activities

During the year the Dean of Men was again Liaison Officer for the British Colonial Services and the Civil Service Commission of Canada.

Committee activities inside the University included the Advisory Committee to the Board of Governors, the Student Loans & Bursaries Committee, the Housing Committee, the Medical Admissions Committee, the Academic Standing Committee, the Petitions Committee, the Scholarship Committee, the Joint Committee on Freshman Orientation, and Selection Committees for the Civil Service of Canada, British Colonial Services, University Naval Training Division, and Huron College Residence.

Committee activities outside the University included the City of London Tuition Scholarship Committee, the Joint Committee of the London Board of Education and the London Chamber of Commerce on Teaching Scholarships, and the International College Placement Council. The Dean of Men was president of the Canadian University Counselling and Placement Association for a second term.

PRESIDENT'S MEDALS

Report of J. J. Talman

The winners of the University of Western Ontario President's Medals for 1957 were:

Scholarly Article: J. E. Hodgetts, The Civil Service and Policy Formation. (Canadian Journal of Economics and Political Science).

Short Story: Ernest Buckler, Anything can Happen at Christmas. (Chatelaine).

General Article: Sidney Katz, What Kind of Man was Herbert Norman? (Maclean's).

Single Poem: James Reaney, The April and May Eclogues. (Tamarack Review).

Once more the selection of the winner proved an extremely difficult task. In the cases of the scholarly article, short story, and general article it became necessary to appoint a fourth judge in order to separate the leading contenders.

I must thank Professors Walter Balderston, Ronald Bates, M. H. M. MacKinnon, Isabel Dingman, and Ross Woodman, of the University of Western Ontario, who went through a vast mass of material

in the original screening. In addition to the foregoing, thanks are due to the following persons who acted as judges:

Scholarly Article: Professor Murray Young, Memorial University, St. John's Newfoundland,
Professor P. A. Lockwood, Mount Allison University, Sackville, N.B.
Dr. Norman Ward, University of Saskatchewan

Short Story: Mr. S. Morgan-Powell, Montreal
Mr. Burke Martin, The London Free Press

General Article: Mr. J. H. Yocom, Toronto
Dr. W. R. Bird, Halifax
Mr. William Corfield, London

Single Poem: Dr. Arthur S. Bourinot, Ottawa
Professor Douglas Grant, University of Toronto.

The judging of the entries in competition for the President's Medals is part of the larger problem of judging entries for the Governor-General's Awards. Professor Wild provided invaluable assistance in the entire programme by suggesting judges and proposing releases for the press and in many other ways.

UNIVERSITY ATHLETIC ASSOCIATION

Report of the President - G. H. Reavely

This report, embodying as it should the Athletic Association as a whole, should include the student activities and the work of the Athletic Directorate. As the Director of Athletics will cover the activities in competition and otherwise only a brief review of these will be given herein.

The directorate held five meetings during the year in the months of October, January, February, March, and April. Meetings of the Ontario-Quebec Athletic Association and the Canadian Inter-collegiate Athletic Union were attended by directorate representatives.

Early in the year the association was gratified that the Paraplegic Association benefitted to the extent of \$1190,00 from the U.B.C.-U.W.O. intercollegiate game in September 1957.

While in intercollegiate sports amongst both men and women seven championships came to Western, and one of which - the senior football - was an undefeated record, there are other features commanding attention. Undoubtedly the most encouraging feature of the year is the evident increase in activities participation. Over sixty percent of the men students entered into athletic competition and there was more than a thirty percent increase in the number of women competing over that for 1956-57. There were almost 460 women participating in athletic activities. These increases are considerably beyond the increase in registration.

The Athletic Directorate as the executive of the Association is currently giving consideration to the following matters:

The advisability of the continuance of Athletic Banquets and the establishment of other award functions;

The establishment of a women's counterpart to the Claude Brown Trophy;

The Association has also considered the problem created by the introduction of the Ontario Hospitalization plan wherein it affects claims against the association arising from athletic participation. Arrangements were completed to save the university from involvement in claims subsequent to the introduction of the plan.

INTERCOLLEGIATE ATHLETICS

Report of the Director - J. P. Metras

The overall athletic program for the year 1957-58 was one of which the University of Western Ontario Athletic Association can be justly proud. We are proud, not because the football team won back the Yates Cup, symbolic of the Senior Intercollegiate Football Championship, but because the students, both male and female, in ever increasing numbers are beginning to take more advantage of the physical facilities afforded them. A greater percentage of the students are participating in all levels of competition from the Senior Intercollegiate down than ever before in the history of the Association.

During the year 1957-58, the Athletic Association competed in ten senior sports and five intermediate sports on the Intercollegiate level emerging with the Senior Football Championship, the Senior Golf Championship, the Senior Wrestling Championship, and the Intermediate Wrestling Championship. This record is not as impressive as some of the records of former years, but the higher level of competition and the larger number of students participating made the program successful as far as the Athletic Association was concerned.

The following shows the achievements of the Men's Intercollegiate Teams during 1957-58.

Senior Football - Championship	Senior Swimming - 2nd place
Intermediate Football - 2nd place	Senior Badminton - 2nd place
Senior Soccer - 4th place	Senior Golf - Championship
Intermediate Soccer - 3rd place	Senior Harrier - 4th place
Senior Basketball - 3rd place	Intermediate Harrier - 2nd place
Intermediate Basketball - 2nd place	Senior Track & Field - 3rd place
Senior Wrestling - Championship	Senior Squash - 3rd place
Intermediate Wrestling - Championship	

The Men's Interfaculty League, under the co-directorship of Mr. DeArmon and Mr. Yuhasz, was the most successful in Western's history. The seven faculties on the campus competed against each other in twenty different sport activities with the Business School winning out in the final standings. Of the total men enrolled, 2082 students, 703 participated directly in interfaculty

competition. Another 450 boys competed in the house league competitions within their own faculty before the faculty teams were chosen to enter interfaculty competition. This made a total of 1153 boys participating in competition, or approximately 63 percent of the boys enrolled at University.

Women's Athletics: Under the very capable leadership of the Director of Women's Athletics, Mrs. E. Berzins, the Women's Athletic Department more than upheld their own in Intercollegiate sports. The girls won ten championships out of thirteen in the three different levels of Intercollegiate sports. The following is a list of the women's activities:

Women's Senior Intercollegiate

Archery - 6th place
Badminton - 4th place
Basketball - Championship

Swimming - Championship
Tennis - 4th place
Volleyball - Championship

Women's Westoamac League

Senior Basketball - Championship
Intermediate Basketball - Championship
Field Day - Championship

Women's Interwestern League

Basketball - Championship
Volleyball - Championship
Badminton - Championship
Field Day - Championship

The Women's Athletic Department also held a very active interfaculty program. The League was divided into four: Honours Arts, Arts, Science and Nurses, and Brescia Hall. These four competed for the Lang Trophy in eleven different activities with Honours Arts winning out in the overall program. The girls were very happy with this program with over 450 participants registering in the various activities, making it one of the most successful years.

ALUMNI ASSOCIATION

Report of the Director - G. O. Hartwell

Administration

Alumni work at the University of Western Ontario is administered by the Alumni Executive Council subject to the approval of the Alumni Assembly. The U. W. O. Alumni Assembly meets at least once a year to review the actions of the Executive Council, to approve the financial transactions for the preceding year and to decide on future policy. Voting members of the Alumni Assembly consist of officers and members of the Executive Council, alumni members of the University Board of Governors, and the University Senate, and two delegates from each branch Alumni Association.

Finances

The work of the Alumni Association is financed jointly by the University Alumni and the Board of Governors. The Alumni Office keeps the records and up-to-date addresses of Western Alumni for the University and in return the Board of Governors provide a financial grant each year. Alumni services are financed by alumni donations. The amount not used for this purpose is used to finance various University projects. These projects are chosen by mutual agreement of the Board of Governors and the Alumni Council.

1. Alumni Funds invested in Student Loans

<u>Fund</u>	<u>Capital</u>	<u>On Loan</u>	<u>Available</u>
Arts Alumni			
December 1956	\$ 6,189.65	\$ 5,842.00	\$ 347.65
December 1957	6,179.93	5,589.30	590.63
Medical Alumni			
December 1956	\$ 8,678.83	\$ 1,231.22	\$ 7,447.61
December 1957	8,892.22	1,000.00	7,892.22

<u>Fund</u>	<u>Capital</u>	<u>On Loan</u>	<u>Available</u>
*Graduate Loan Fund			
December 1956	\$ 16,048.21	\$ 5,176.16	\$ 10,872.05
December 1957	16,312.81	6,740.00	9,572.81

*Contains \$2,500.00 Alumni Funds

2. Gifts to U. W. O. from Annual Alumni Fund Appeal

It has only been in recent years that funds have been available from this source whereby the Alumni Council could donate financial aid to University projects. Starting in 1955, the Alumni Council has turned over the following amounts to the Board of Governors.

Reported in period 1955-1957	\$ 26,461.00
Furnishings for new School of Business 1957-58	4,000.00
Furnishings for students room, Medical School 1957-58	<u>1,800.00</u>
Total 1955 - 1958	\$32,261.00

3. Direct Gifts to U. W. O. from Alumni

<u>Year</u>	<u>Purpose</u>	<u>Number Contributing</u>	<u>Amount</u>
1954-57	Previously reported	125	\$ 50,477.00
1957-58	Varied	27	14,679.00
1957-58	Western "U" Building Fund	<u>32</u>	<u>54,697.00</u>
Total		184	\$ 119,823.00

4. Gifts to student activities from earned Alumni Funds

Reported in period 1954-57	\$ 3,525.00
London Alumnae gift to Loan Funds 1958	100.00
Grants to Board of Governors for Athletic Directorate, 1957-58	<u>1,250.00</u>
Total	\$ 4,875.00
Grand Total 1954 - 1958	\$ 156,959.00

5. Report of Annual Alumni Fund Appeal

The chief objective of the committee is to encourage more alumni to participate annually in a regular giving program to the University. Smaller contributions have been encouraged from new contributors. This point is stressed with graduating classes who are encouraged to become members of the Alumni Association with whatever gift they can afford.

Progress of Alumni Appeal over the past five years

<u>Year</u>	<u>No. of Contributors</u>	<u>Amount of Contributions</u>	<u>Average Amount of Donation</u>
1952-53	662	\$ 8,696.00	\$ 13.14
*1954	1107	11,747.00	10.61
1955	1284	13,475.00	10.50
1956	1597	16,229.00	10.16
1957	1964	20,156.00	10.30

*Period of campaign changed to calendar year.

Alumni Branch Associations

During the year 1957-58, the Alumni Director visited with and spoke to alumni branch meetings in Vancouver, Calgary, Winnipeg, Montreal, Ottawa, Toronto, Kitchener, Niagara Peninsula, St. Catharines, Welland, Woodstock, St. Thomas, Chatham and Windsor. At Regina, the Director met several alumni and spent some time checking addresses. In Hamilton and Sarnia contacts have been made to reorganize branches. A good deal of work is done with London Alumni and Alumnae. Contacts have been kept up with alumni in Edmonton, Port Arthur, Halifax, Owen Sound, Peterborough, Saskatoon, Stratford, Kingston and Victoria by the Director through various phases of alumni activities.

The Alumni Council was pleased to have Dr. Hall visit Alumni Branches throughout Western Canada during the latter part of May and the month of June. The Council appreciates this assistance in arousing alumni interest and expresses its gratitude to President Hall who filled a pressing need to bring the University into personal contact with its

graduates. The Alumni Council is grateful to the University Board of Governors who made the tour possible. Dr. Hall spoke at meetings in Port Arthur-Fort William, Winnipeg, Regina, Calgary, Edmonton, Vancouver, and Victoria. Comments on the success of this rigorous schedule were most favourable.

To aid activity in each Branch Association, the Alumni Office makes up current lists of names and addresses of alumni in each area, prepares and mails notices of meetings, arranges for speakers and in many cases supplies transportation. Under the chairmanship of Mrs. J. H. Macdonald, the Alumni Club Committee has been active in promoting meetings in Branches.

Homecoming Activities

Preparations for Homecoming start eleven months before the actual Homecoming weekend. Class lists of names and addresses are brought up-to-date and contact is made with each class executive. New committees are started and events are reviewed. The 1957 Alumni Homecoming Weekend drew the greatest crowds at all events since the present format for Homecoming was set.

Along with Homecoming activities, the Alumni Office operates a service for football ticket reservations for out-of-town alumni at all home games and the Toronto weekend. Through this service, several thousand alumni return to the campus each year from many distant points to support the Mustangs.

Paraplegic Football Bowl Game - U.B.C. vs. Western

In cooperation with Colonel George Little and Mr. Ernest Slatter, the Alumni Office organized the sale of football tickets for this game among London and district alumni. Notices were mailed to 2500 area alumni and regular checks on sales of tickets were made. For the first time in years, a profit on this game was realized and the Board of Governors were able to turn approximately \$1200 over to the Canadian Paraplegic Association.

Election to University Board of Governors

Under the terms of the present Alumni Constitution, the voting for an alumni member of the University Board of Governors is carried out by each individual Branch Association. The Alumni Office prepares the ballots, addresses individual envelopes, separates the envelopes for the respective areas, addresses the correct number of ballots with the return address of the chairman in each district, bundles and mails each group of letters to each chairman and prepares forms for tabulation of results.

This election procedure occurs every two years. In 1958 Dr. Cuyler Hauch, Meds '31, of Owen Sound, was elected for a four year term on the Board of Governors, succeeding Dr. Thornley Bowman of London.

Alumni - Student Relations

The Alumni Council is constantly seeking ways and means of bringing the attention of the graduates and ex-students to the fine work of the University in higher education. Each year, the Council delves further into the work of establishing contacts with future alumni while they are undergraduates. Many of these contacts have been listed in previous reports. At this time, through channels recommended by the University Administration, the Council is seeking to work with a committee from the University Students Council on the financing of projects which will add to the cultural aspects of University life at Western. Meetings are scheduled for the fall term of 1958-59 to pursue this subject further and thus educate students on the interest of the Alumni Association in their welfare.

THE WESTERN ONTARIO
SECONDARY SCHOOLS' ASSOCIATION

Report of the Secretary - W. J. L'Heureux

In this its 36th year of operation, membership in the Association was reduced to sixty-five schools because of the formation of a segment of W.O.S.S.A. into the new Association C.W.O.S.S.A. Of the 65 schools, 15 were classed as "AA", 24 as "A", and 26 as "B" schools. It was evident from the results of competition this year that classification by population is now inadequate. The Annual Meeting approved for 1958-59 a new form of classification by leagues and sports.

A total of 19 competitions were conducted in 12 different activities. To the eleven final events held on campus came 2,184 boy and girl competitors. In addition, the University played host to the London Conference football, basketball finals and the track meet.

A review of the Association's financial position showed a net decrease of \$290 in cash position due to the year's operations. This fact, plus the increase in fee to \$500 for membership in the Ontario Federation of School Athletic Associations, caused the Annual Meeting to raise the school membership fee from 2 cents to 3 cents per pupil for the future.

Due to the pressure of departmental duties, the Secretary-Treasurer, W. J. L'Heureux, regretfully submitted his resignation. Mr. John A. Falkner was appointed to this position.

Other new officers include: W. T. Armstrong, Principal, Sir Adam Beck C.I., London - Past President; Mr. Park Steadman, Principal, Forster C.I., Windsor - President; Mr. L. A. Plumsteel, Principal, Seaforth D.H.S. - First Vice-President; Mr. T. Brohman, Principal, Chatham C.I. - Second Vice-President.

New also for the future will be Management Committees for Boys' and Girls' Activities. Their function will be to plan activity play-downs, to appoint convenors for tournaments and to suggest rule and organizational changes where necessary. This is a step towards decentralization and an effort to cause the schools to take a greater share in the operation of W.O.S.S.A. activities. As such, it will be watched with great interest.

JOINT McINTOSH COMMITTEE

Report of the Secretary - R. A. Allen

In the year 1957 - 1958 the Joint McIntosh Committee awarded prizes totalling \$465.00 in Public Speaking and Debating, \$600.00 in Business Administration and \$650.00 in Geography. Thirty-one students shared these prizes. The amounts varied from \$10.00, the lowest prize in Public Speaking, to \$300.00, the highest prizes in Business Administration and Geography.

In accordance with the wishes of Mrs. McIntosh the Committee also assisted in the promotion of music in the University. Grants were made to the University Choir, to the Gilbert and Sullivan Society and to a Summer School concert in the summer of 1957. The Committee also provided a new record player and records for Music Teachers' College.

On the completion of the Richard Ivey School of Business Administration Building in the summer of 1957, Music Teachers' College was able through the generosity of the A. E. Silverwood Foundation to move into more spacious quarters in the former School of Business Administration building on Waterloo Street. The McIntosh Memorial Gallery thus became available for more varied use by many cultural groups in the University. Dr. H. E. Jenkin very kindly moved his office and that of his secretary into the Gallery and undertook the general supervision of the building.

One major art exhibition was held in the McIntosh Gallery during the year. The National Portrait Gallery lent to the University fifteen portraits of such famous Canadians as Bliss Carman, Archibald Lampman, Charles G.D. Roberts, Pauline Johnson, Alexander Graham Bell, Charles E. Saunders, Emily Gowan Murphy and Viljalmur Stefansson. These portraits are all the work of the Canadian artist John Wycliffe Lowes Forster, the founder of the National Portrait Gallery. The exhibition also included twelve pen-and-ink drawings of other Canadian historical figures by C. W. Jefferys. These were all on display during the months of January and February.

THE DEPARTMENT OF
BUILDINGS AND GROUNDS

Report of the Superintendent - John Shortreed

During the year the Superintendent's staff averaged 92. The distribution was: technical - 2, clerical - 5, operating - 22, maintenance - 16, and caretaking - 47. Five regular employees left during the year.

Alterations to Grounds

The dwelling at 351 Hill Street, owned by the University, and located behind the Medical School was vacated and demolished and the lot was converted to a grass area as had been done with other similar houses in the past.

Tenders were called in June for minor sidewalk and road repairs along the University drive. Approximately 3400 feet of new curbing was built along the drive with provision for more space for unloading of buses at the two stops on the Drive.

The parking area east of the boiler house and extending along the back of the stadium was paved.

The Wilkinson and Baldwin Properties south of Huron between Western Road and the river were purchased during the year. The acquisition of this property gives adequate control of our south boundary.

Two houses on Sunset Avenue, numbered 1128 and 1130, were purchased. The northerly one was wrecked and a temporary tenant accommodated in the other. The land will in future form part of a residence site.

Maintenance

The program of relighting with fluorescent lights and the installation of acoustic treatment was continued in the older buildings.

The snack bar and student lounge at the Medical School were improved by the installation of drop ceilings of acoustic tile hiding the unsightly piping.

New Buildings

The Biology-Geology Building, as described in the previous report, was completed by the contractor by the date set in the contract and the Departments of Geology, Zoology, Botany and Geophysics were moved in during June.

As part of this project, work started on the rather extensive alterations on the second floor of the renamed Physical and Chemical Sciences Building, for expansion of Physics and Chemistry and preparation of the third floor area for the School of Nursing. In this program ventilation supply for the building which had been removed was re-established.

The contract for the Engineering Building and the Smallman Gates, as described in last year's report, was let for completion in the spring of 1959. The total cost will amount to approximately \$1,621,000.

Music Teachers' College was moved from the McIntosh Building to the A. E. Silverwood Building on Waterloo Street when it was vacated by the School of Business Administration.

The Richard Ivey School of Business Administration Building was opened in September, 1957. One wing of the new Business School carries six large classrooms, three seating 110 and three seating 85. The seats in the classrooms are arranged in a U shape with tabling and fixed swivel chairs modified from the pattern developed by Harvard School of Business Administration for Aldridge Hall. The other wing carries offices, seminars, a reading room and service rooms. The arrangement of the building with the classrooms separate from the office section has proven most acceptable to the School. The architectural area is approximately 43,000 sq. ft. and the volume is 624,000 cu.ft. The cost of the building and furnishings was \$830,396.05.

The Men's Residence project, in October 1957, was increased by the Board from 100 to 300 beds. Preliminary plans were approved in June 1958 and the contract awarded to Eastern Construction July 4th, 1958.

The cost is estimated at \$2,230,000.00. The total area will be approximately 107,000 sq. ft.

An open central court is enclosed on three sides by nine residence units and on the fourth side by a service building. Entry to the court is by means of three open archways and each unit has its own main door from this court.

The dining room on the second floor of the service building seats 160 and is arranged for either cafeteria or table service. A large library lounge and recreation room are located on the first and basement floors respectively of this building.

Each residence unit has an entry from the basement corridor which connects all units. On other floors controlled fire doors separate the residence units. Each unit has its own lounge and shares six study rooms, three music rooms, three laundry rooms and storage areas in the basement. Each of the three upper floors in a unit has four double bedrooms, three single bedrooms and a washroom.

Each resident will have a "walk-in" clothes cupboard which will contain a chest of drawers; the beds will be extra long and will double as couches during the day. He will have a desk, bookcase, filing drawers and pin-up board. In addition rooms will be fitted with drapes and rugs. Rooms will be lighted with fluorescent fixtures and will be acoustically treated and great care has been taken in the walls and floors to prevent sound transmission. In this residence, rooms will be individually controlled for temperature winter and summer.

Middlesex College is sited on the knoll south of Collip Medical Research Building. Preparation of preliminary plans was authorized in October 1957 to implement the recommendations of the Middlesex College Committee. A plan was developed consisting of a wide wing for lecture rooms and laboratories which require medium sized rooms and a narrow wing for offices and seminars. The connection of the two wings forming a large curved sector will be used for larger rooms as follows: coffee shop, theatre seating 400, reading room, examination and study room. The classroom wing contains three laboratories for geography, psychology and audio visual aides and twenty classrooms providing a total of 880 seats.

Electrical power distribution within the north campus has been in use since 1922 and is becoming inadequate in size and it was considered desirable to replace it. Also, because of the large electric demand of the University, the Hydro Electric Power Commission requested that we install our own sub station to receive power at 27,000 volts. Accordingly a contract was let to Eastern Power Devices for a sub station with a 1,000 KVA transformer and space for one additional when required. From this sub station a new 4,000 V service will come to the buildings in two cables which will then form a modified loop system. The location of the new sub station is adjacent to the Hydro Electric Power Commission area sub station north of the Science Service Laboratory. The total cost of the project is estimated at \$65,000.00

The installation of a new Boiler and the removal of the two old boilers was completed. This change provides a total output from the Heating Plant of 36,000# steam per hour. This year's peak demand was about 18,000#.

UNIVERSITY NAVAL TRAINING DIVISION

Report of the Commanding Officer
Cdr. C. H. Aharan, C.D., RCN(R)

This report covers the period from 1 May, 1957 to April 30, 1958.

The policy of this tender remains unchanged. As the purpose of the U.N.T.D. is to prepare young men, entering university, for positions of responsibility in both the Permanent and Reserve Forces of the Royal Canadian Navy, we endeavour to attain this end by placing as much responsibility as possible on the cadets themselves. The routines are set up and the cadets carry out the actual operation of the routines. The staff guide the routines, and instruct the cadets on new material.

Thirty-four cadets took required training during the summer of 1957.

Cadet Ross E. MUNRO, a third year cadet, who took training on the west coast, was awarded "The Sword", presented by the Department of National Defence. This sword is presented annually to one cadet on each coast, considered to be the cadet who has shown the most progress and made the greatest contribution in the advancement of cadet life in general.

The four separate training cruises on the east coast were to continental Europe and United Kingdom ports. The west coast cruises visited Hawaiian and Southern California ports. The cadets were able to take short periods of leave while in foreign ports.

All cadets who took summer training returned to strength in the fall. Two cadets transferred to other divisions while one cadet was required to be released due to failure of Naval courses. Two cadets returned with supplemental examinations outstanding.

Two third year cadets did not return to university and were subsequently released. Two second year cadets were also released. One was released due to academic pressure at university while the other cadet failed Naval courses as mentioned earlier.

Recruiting this year was again a problem. Although the quota was filled, the interest shown by the students was disappointing. It was found that the students knew little or nothing about the services on the campus until registration was started. There were a number of inquiries made about UNTD and twenty-seven applications were filed. Of this number, sixteen were accepted as probationary cadets. One of the sixteen withdrew in January for academic reasons. The remaining fifteen cadets, the actual quota, successfully passed the Regional Selection Board in January. Two first year cadets were released prior to the end of the academic year. One was judged unsuitable and the other requested release as a result of personal problems.

Fourteen third year cadets appeared before a promotion board in March. Of the fourteen, one was recommended for release, while one was placed on probation for the summer of 1958. Four cadets were recommended for promotion pending completion of Naval courses. Of the remaining eight cadets, one was recommended for promotion with a first class certificate (85% or over). Six cadets were recommended for second class certificates, and one cadet was recommended for a third class certificate (60-70%).

The Cadets this year were fortunate to be able to take training in the new H.M.C.S. "Prevost", located on the forks of the Thames River. The facilities include a large parade deck, larger Gunroom, modern classrooms and facilities for such sports as basketball, badminton, volleyball, etc. The new facilities have greatly enhanced training during the current year.

Events during the year included a homecoming Tea Dance at H.M.C.S. "Prevost", sponsored by the U.N.T.D. The cadets formed the guard of honour for the Minister of National Defence, the Right Honourable G. R. Pearkes, at the official opening of H.M.C.S. "Prevost" on November 23. The U.N.T.D. participated in the 11th of November parade on the campus. They were hosts for the Tri-Service Ball and a Tri-Service sports night.

The total strength of the U.N.T.D. tender as of 1 April, 1958 was thirty-nine cadets; 1 RCN Sub. Lieutenant and 2 Surgeon Lieutenants who are currently completing their internship.

In general this division enjoyed a successful year. The method of approach initiated three years ago appears to have been validated by the continued above average performance of cadets from this University.

CANADIAN OFFICERS' TRAINING CORPS

Report of the Commanding Officer
Lt. Col. R. N. Shervill, C. D.

This report covers the period 1 September 1957 to 31 August 1958.

The period under report has included, to quote the Minister of National Defence, "the end of an era in Defence thinking" and the start of the implementation of the policies for the new era. These appear to include a reduction of the emphasis formerly placed on the Militia in planning for a future war and, since the COTC has always been looked

upon as a primary source of trained officers for the Militia a reduction of the emphasis on COTC training.

To date the contingent has not been seriously affected by the new policies but there have been definite indications of a desire on the part of the Department of National Defence to effect economies in the operation of the COTC and it is anticipated that these will continue.

Enrollment and Contingent Strength

This year the contingent was instructed to limit recruiting and was given a quota for each arm and service of the Army which was not to be exceeded. As a consequence, recruiting was cut short when it appeared that the quota had been met. Statistics for recruiting for this year are given below:

<u>College</u>	<u>Number of Applicants</u>	<u>Number of Rejections</u>	<u>Accepted 1st Yr Cadets</u>	<u>QUOTA</u>
University College	21	8	13) 24
Waterloo College	14	6	8	
Assumption University	8	2	6	
TOTAL	43	16	27	30

The quota vacancies which were not filled were allotted one each to Infantry, Electrical and Mechanical Engineers and Chaplains. Suitably qualified and physically fit applicants could not be found for these vacancies.

Unfortunately there was a high wastage of first year Officer Cadets and of the twenty-seven enrolled, five were granted release for various reasons before the end of the academic year. The total strength of the contingent at the end of April was as follows:

<u>Contingent Officers</u>	<u>University College</u>	<u>Waterloo College</u>	<u>Assumption University</u>	<u>TOTAL</u>
	4	1	1	6
COTC	28	16	8	52
ROTP	8	1	5	14
	40	18	14	72

Theoretical Training

Theoretical training was carried out from 24 September to 30 March 1958 and, as in previous years, each detachment trained one evening per week as follows:

Waterloo College Detachment	Tuesday	6 - 8 p.m.
University College Detachment	Wednesday	6 - 8 p.m.
Assumption U Detachment	Thursday	4 - 6 p.m.

Initially the instructional staff consisted of the contingent officers, university faculty members, Resident Staff Officer, and occasional specialist assistance from Headquarters, Western Ontario Area. In early November instructions were received from Army Headquarters which deleted certain subjects from the syllabus and which prohibited the reimbursement of faculty for their assistance.

Notwithstanding the changes in syllabus and instructional personnel occasioned by these instructions the theoretical training was carried through successfully, largely due to the exertions of the contingent officers.

The theoretical training ended 30 March 1958 with an all day demonstration and sand table exercise. This exercise, named "Ex Pennant II", was conducted for the contingent by officers of Headquarters

Western Ontario Area at Wolseley Barracks. It dealt with the infantry company and platoon in defence and attack and was considered by those attending a most successful culmination of the winter training period. The exercise was attended by all COTC and ROTP personnel from the three detachments.

Special Events

During the academic year the members of the contingent participated in the following social and military functions:

- 25 Sep 57 Contingent entertained the graduating 2 Lieutenants and the Militia Commanding Officers in the Regular Officers' Mess, Wolseley Barracks
- 11 Nov 57 Remembrance Day Parade - Convocation Hall
- 24 Jan 58 Contingent Informal Dance - Officers' Mess, Wolseley Barracks
- 5 Feb 58 Tri-Service Sports Night with UNTD and URTP held at HMCS PREVOST
- 21 Feb 58 Tri-Service Ball - HMCS PREVOST
- 28 Feb 58 Waterloo College Detachment Ball
- 30 Mar 58 Annual Mess Dinner - Wolseley Barracks.
Brigadier C B Ware, DSO, CD, the then Director General of Military Training was the guest speaker.

The function held on 25 September 1957 was considered to be a special success in that of the twenty-five second lieutenants who completed training last summer, and of whom the majority were present that evening, eight have since joined units of the Militia in the London area. This high proportion is thought to be due in no small part to providing these young men with the opportunity to meet the Militia Commanding Officers.

Practical Phase Training

A total of forty-nine members of the contingent were despatched for summer training at training establishments and units of the Regular Army. This is a decrease of approximately twenty from last year and is attributed to the smaller enrollment and the unusually high wastage among the first and third year personnel.

The number of COTC second lieutenants from all university contingents to serve with Canada's NATO forces in Europe was reduced this year from seventy-five to forty-two. Of this reduced number this contingent was allotted one firm vacancy and one on the waiting list as follows:

2 Lt DW	Fulton	Provost Corps
2 Lt DWJ	Taylor	Ordnance Corps (Waiting List)

Regular Officer Training Plan

During the period a total of fourteen ROTP Officer Cadets were attached to the contingent for training. Of these, two were former members of the contingent who, having decided to make the Army their career, applied for and were accepted into this plan.

Contingent Staff

Since I am relinquishing command of the unit on 1 September 1958, this will be my last report to you and I must take this opportunity to thank you for all the assistance given to me personally as Commanding Officer and to bespeak for my successor, Maj A E Raymond, the same co-operation as I have always received.

Maj Raymond's long experience with the contingent as cadet, subaltern, and Second-in-Command makes him eminently well qualified for the appointment of Commanding Officer of the Contingent.

COTC Staff - 1957-58

Commanding Officer	Lt Col R N Shervill
Second in Command	Maj A E Raymond
Medical School Representative	Maj J A F Stevenson
Adjutant	Capt P R Robinson

Detachment Commander, Waterloo	Maj J M Clark
Detachment Commander, Windsor	Maj C M J F Swan

Resident Staff Officer	Maj J R Roberts, CDN Guards
Secretary	Miss W M Burke

UNIVERSITY RESERVE SQUADRON (RCAF)

Report of the Commanding Officer
S/L J. E. K. Foreman

The University of Western Ontario (Primary Reserve) Squadron RCAF, has undergraduates taking RCAF training under the University Reserve Training Plan (URTP) and the Regular Officer Training Plan (ROTP).

Under the URTP, selected undergraduates take three winters and three summers training to qualify them for commissioned rank in the Reserve or Regular Air Force on graduation from University.

Under the ROTP, selected undergraduates also take winter and summer training, but they are completely subsidized for their university education. After graduation at commissioned rank, they are required to serve in the Regular Air Force for a minimum of three years.

The strength of the Squadron as of 31 Mar 58 was as follows:

	UWO London		OAC & Mac Inst. Guelph		Assumption Windsor	
	Male	Female	Male	Female	Male	Female
Reserve Staff Officers	3		1		1	
URTP (F/Cs & P/Os)	41	9	4	8	4	1
ROTP	13				2	
RCAF Regular (Ex-airmen)	6					
Regular Force Support	2					
	—	—	—	—	—	—
	65	9	5	8	7	1

Total: 77m 18f

Recruiting

The UWO Squadron 1957-58 recruiting quota for 1st Year Flight Cadets was 15 male and 2 female undergraduates in the URTP at London, 4 male and 1 female at Assumption and 4 male and 1 female at Guelph. 12 male and 3 female cadets were accepted from UWO, 3 male and 1 female from Assumption, and 3 male and 1 female from OAC and MacDonald Institute at Guelph.

Under ROTP recruiting, six male applicants from UWO and 2 male applicants from Assumption were accepted from 1st year. One final year student at UWO was recruited as a Final Year Aircrew ROTP applicant and went into the Regular Air Force on Graduation in May 1958.

Winter Training

The Winter Training for URTP and ROTP Flight Cadets was carried out on Tuesday evenings in Thames Hall. Lectures by staff

officers and university professors were given on Air Force History and Organization, Military and Social Geography, Military History and World Affairs, Service Information, and Elementary Theory of Flight. The cadets were encouraged to participate in debates on military and world affairs topics, and these proved to be quite successful in stimulating interest in current news topics. In addition, S/L S.A. Brightwell of the Guided Missiles School at Station Clinton presented a guest lecture on current U.S. Missiles and High Speed Flight.

During the winter, the first year cadets proceeded to RCAF Station London for Indoctrination, Clothing and Drill Parades. The senior cadets participated in the Remembrance Day Service in Convocation Hall. The Tri-Service Ball was held at HMCS Prevost on 21 Feb 58, and the RCAF Squadron Formal Mess Dinner was held in the Officers' Mess at Station London, on 8 Mar 58.

The Squadron was pleased to welcome the following visitors to UWO during the year:

A/C J.B. Harvey, Chief Staff Officer, RCAF Training Command Headquarters, Trenton
A/C J.G. Stephenson, Chief Personnel Services, AFHQ Ottawa
G/C A.G. Kenyon, CO Station Centralia
W/C T.G. MacKinnon, Deputy Director Personnel Manning, AFHQ Ottawa
S/L S.A. Brightwell, OC Guided Missiles School, Station Clinton

Summer Training

All first year male cadets proceeded to the Reserve Officers' School at College Militaire Royal at St. Jean, PQ, for basic training before proceeding to other air force stations for specialized training in various branches of the RCAF. Basic training for female cadets was given at Officers' School, RCAF Station London.

The high calibre of UWO Cadets was indicated by the above average results that they obtained on basic indoctrination courses at ROS and by the absence of any university academic failures. F/C G.A. Fatum was chosen Cadet Wing Commander for the Graduation Parade from Reserve Officers' School, this being the second consecutive year that UWO Squadron was so represented. In addition, UWO male cadets held three other senior positions in the Cadet Wing at ROS, St. Jean,

while a distinguished pass was credited to one of the female cadets at Station London.

Second and third year cadets proceeded directly to Air Force stations to continue formal courses or to take contact training in their specialized branches of the Air Force.

The following third year cadets were selected for summer overseas postings:

F/C J. I. Tracy to Zweibrucken, Germany

F/C A.E. MacKenzie to Baden Soellingen, Germany and Langar, England

F/C D.J. Orchard to Metz, France.

Staff

It is with regret that the resignation of W/C M.H.M. MacKinnon is reported. W/C MacKinnon has ably guided the University Reserve Squadron as Commanding Officer since its inception in 1949, and the Squadron has benefited, and is indeed grateful, for the exemplary manner in which he has devoted himself to the training of young people for the roles of both commissioned officers in the RCAF and citizens of the country.

Commanding Officer	- S/L J.E.K. Foreman
Chief Training Officer	- F/L J.R.W. Gwynne-Timothy
RCAF Representative - OAC Guelph	- F/L D.A. Riggs
RCAF Representative - Assumption	- F/L W.L. White
Resident Staff Officer	- F/L H. A. Smith
Clerk	- Cpl J.V. Forestell

College:	UNDERGRADUATE		GRADUATE		Corres- pondence	Exten- sion	Summer School	GROSS TOTALS	Dupli- cates	NET TOTALS 1957-58	Gain	Loss
	Full- time	Part- time	Full- time	Part- time								
Huron College	Men 165	2	-	-	-	-	-	167	-	167)		
	Women 15	-	-	-	-	-	-	15	-	15)	90	
Music Teachers College	Men 9	-	-	-	-	-	-	9	-	9)		
	Women 24	1	-	-	-	-	-	25	-	25)	4	
St. Peter's and College of Christ the King	Men 72	5	-	-	-	-	-	77	-	77)		
	Men 150	6	-	-	-	-	-	156	-	156)		
	Women -	5	-	-	-	-	-	5	-	5)	238	12
University College	Men 1144	25	69	18	289	501	663	2709	477	2232)		
	Women 517	11	10	3	130	260	292	1223	186	1037)	3269	251
Ursuline College	Women 139	21	-	-	-	-	-	160	-		160	4
Waterloo College	Men 351	19	-	-	-	-	-	370	-	370)		
	Women 82	37	-	-	-	-	-	119	-	119)	489	35
FACULTY OF ARTS AND SCIENCE	Men 1891	57	69	18	289	501	663	3488	477	3011)		
	Women 777	75	10	3	130	260	292	1547	186	1361)	4372	396
MEDICINE	Men 217	-	17	-	-	-	-	234	-	234)		
	Women 13	-	6	-	-	-	-	19	-	19)	253	2
NURSING	Women 122	1	-	-	-	-	-	123	-		123	27
BUSINESS ADMINISTRATION	Men 175	-	145	-	-	-	-	320	-	320)		
	Women 3	-	1	-	-	-	-	4	-	4)	324	55
TOTAL FOR WHOLE UNIVERSITY	Men 2283	57	231	18	289	501	663	4042	477	3565)		
	Women 915	76	17	3	130	260	292	1693	186	1507)	5072	476

OCCUPATIONS OF STUDENTS' PARENTS

<u>Occupations:</u>	<u>Number of Students</u>	<u>Percentage of Students</u>
Agriculture - - - - -	717	14.14
Business (unspecified) - - - - -	234	4.61
Construction - - - - -	180	3.55
Finance - - - - -	507	9.99
Fishing - - - - -	2	.04
Labour (unspecified) - - - - -	91	1.79
Lumbering - - - - -	43	.85
Manufacturing - - - - -	730	14.39
Mining - - - - -	52	1.03
Service: Custom and Repair - - - - -	332	6.55
Domestic and Personal - - - - -	29	.57
Professional -		
Education - - - - -	180	3.55
Engineering - - - - -	155	3.06
Health - Doctors, Dentists, Optometrists	237	4.67
Druggists - - - - -	47	.93
Laboratory Technicians -	32	.63
Law - - - - -	66	1.30
Religion - - - - -	111	2.19
Miscellaneous:		
Artists and Musicians - - - - -	14	.28
Entertainment - - - - -	13	.26
Publications - - - - -	56	1.10
Social Service - - - - -	9	.18
Public Service:		
Municipal, Provincial, Federal - -	253	4.99
Trade - - - - -	487	9.60
Transportation - - - - -	272	5.36
Retired - - - - - (former occupation not given)	33	.65
Deceased - - - - - (former occupation not given)	56	1.10
Unreported - - - - -	134	2.64
	<u>5072</u>	<u>100.00%</u>

RELIGIOUS DENOMINATIONS OF STUDENTS

Denominations	Univer- Huron	sity 638	St. Peter's and C.K.C.	Ursu- line	Water- loo	Music Teachers	Medi- cine	Nursing	Bus. Admin.	Total	%
Episcopal	96	638	14	10	64	5	37	20	94	978	19.29
Unitarian	-	2	-	-	-	-	-	-	-	2	.04
Episcopalist	4	150	1	-	21	2	22	11	8	219	4.32
Methodist	-	7	-	-	1	-	1	-	1	10	.19
Episcopalist	-	-	-	-	-	-	1	-	2	3	.06
Christian Science	-	8	-	-	-	-	-	-	1	9	.18
Episcopal Disciples	-	4	-	-	-	-	-	1	-	5	.09
Episcopal Reformed	-	10	-	-	-	-	-	-	-	10	.19
Presbyterian Reformed	-	1	-	-	-	-	-	-	-	1	.02
Evangelical	-	15	-	-	16	-	-	-	-	31	.61
Episcopal Hall	-	9	-	-	-	-	1	-	-	10	.19
Greek Orthodox	1	24	1	-	-	-	5	-	3	34	.67
Presbyterian	6	63	6	1	6	-	17	-	5	104	2.05
Episcopal	-	1	-	-	-	-	-	-	-	1	.02
Episcopal Day Saint	-	13	-	-	2	-	2	1	1	19	.37
Episcopalian	4	100	1	1	96	-	13	4	10	229	4.51
Episcopalian	-	30	-	-	25	-	-	-	1	56	1.10
Episcopalian	-	5	-	-	-	-	1	-	-	6	.12
Episcopalian	-	2	-	-	-	-	-	-	-	2	.04
Episcopalian	-	-	-	-	-	-	-	-	1	1	.02
Episcopalian	-	11	-	-	3	-	-	1	-	15	.30
Episcopalian Brethren	-	7	-	-	2	-	-	-	1	10	.19
Episcopalian	10	314	1	4	65	2	22	13	24	455	8.97
Episcopalian	-	1	-	-	-	-	3	-	-	4	.08
Roman Catholic	5	355	196	133	37	5	39	15	50	835	16.48
Seventh Day Adventist	-	5	1	-	1	-	-	-	-	7	.14
Seventh Day Adventist	-	1	-	-	-	-	-	-	-	1	.02
Romanian Catholic	-	-	-	-	1	-	-	-	-	1	.02
Episcopalian	-	7	-	-	-	1	-	-	1	9	.18
Episcopalian Church	50	1326	12	10	144	17	81	53	113	1806	35.62
Episcopalian Missionary	-	3	-	-	1	-	-	1	-	5	.10
Unspecified	6	157	5	1	4	2	8	3	8	194	3.82
TOTALS:	182	3269	238	160	489	34	253	123	324	5072	100.00%

COMPARATIVE PERCENTAGES
(for ten years)

of students who cleared ALL their work at the
Final Examinations without benefit of Supplementals

	1947-48	1948-49	1949-50	1950-51	1951-52	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58
Faculty of Arts and Science	74.98%	75.29%	74.10%	75.96%	73.66%	73.39%	73.66%	69.30%	70.28%	70.20%	71.97%*
School of Business Administration	-	-	90.76%	93.86%	93.48%	87.17%	90.27%	98.51%	94.08%	98.60%	97.60%
Faculty of Graduate Studies	-	-	96.72%	96.74%	93.75%	89.87%	97.38%	98.88%	96.09%	96.44%	96.45%
Faculty of Medicine	88.51%	89.08%	92.75%	94.65%	90.79%	92.05%	88.55%	90.17%	87.39%	88.94%	84.69%
School of Nursing	100.00%	100.00%	93.30%	100.00%	100.00%	92.30%	95.40%	94.23%	98.94%	90.32%	96.69%
WHOLE UNIVERSITY:	76.08%	75.45%	76.55%	81.78%	76.20%	75.58%	75.54%	73.41%	73.91%	73.59%	75.07%

*These percentages are improved each year by the students who clear their records at the supplemental examinations, after these statistics are compiled.

EXAMINATION RESULTS - 1957-58

		Students who wrote	No. who passed all their exams. at first attempt		No. who passed all supps. or special examinations	
				%		%
<u>FACULTY OF ARTS AND SCIENCE:</u>						
University College:						
Intramural	Men	1167	767	65.98	117	(10.02)
	Women	515	382	74.17	45	(8.73)
		<u>1682</u>	<u>1149</u>	<u>67.71</u>	<u>162</u>	<u>(9.63)</u>
Extramural and Extension	Men	579	461	79.63	46	(7.94)
	Women	284	255	89.78	14	(4.92)
		<u>863</u>	<u>716</u>	<u>82.96</u>	<u>60</u>	<u>(6.95)</u>
Summer Session	Men	647	559	86.39	8	(1.23)
	Women	286	268	93.71	1	(.34)
		<u>933</u>	<u>827</u>	<u>88.63</u>	<u>9</u>	<u>(.96)</u>
All Departments in University College	Men	2393	1787	74.67	171	(7.14)
	Women	<u>1085</u>	<u>905</u>	<u>83.41</u>	<u>60</u>	<u>(5.52)</u>
		3478	2692	77.40	231	(6.64)
Huron College	Men	159	80	50.31	19	(11.95)
	Women	<u>14</u>	<u>9</u>	<u>64.28</u>	<u>2</u>	<u>(14.28)</u>
		173	89	51.44	21	(12.13)
Music Teachers College	Men	9	4	44.44	2	(22.22)
	Women	<u>23</u>	<u>16</u>	<u>69.56</u>	<u>1</u>	<u>(4.34)</u>
		32	20	62.50	3	(9.38)
St. Peter's College	Men	75	59	78.67	3	(4.00)
College of Christ the King	Men	155	80	51.41	19	(12.25)
	Women	<u>4</u>	<u>4</u>	<u>100.00</u>	<u>-</u>	<u>(-)</u>
		159	84	52.83	19	(11.94)
Ursuline College	Women	132	78	59.09	15	(11.36)
Waterloo College	Men	369	167	45.25	26	(7.04)
	Women	<u>113</u>	<u>72</u>	<u>63.71</u>	<u>14</u>	<u>(12.38)</u>
		482	239	49.58	40	(8.29)
FACULTY OF ARTS & SCIENCE	Men	3160	2177	68.89	240	(7.59)
	Women	<u>1371</u>	<u>1084</u>	<u>79.06</u>	<u>92</u>	<u>(6.71)</u>
		4531	3261	71.97	332	(7.33)
School of Business Administration	Men	164	160	97.50	1	(.61)
	Women	<u>3</u>	<u>3</u>	<u>100.00</u>	<u>-</u>	<u>(-)</u>
		167	163	97.60	1	(.59)
Faculty of Medicine	Men	214	182	85.04	27	(12.47)
	Women	<u>12</u>	<u>11</u>	<u>91.66</u>	<u>-</u>	<u>(-)</u>
		226	193	84.69	27	(11.94)
School of Nursing	Women	121	117	96.69	1	(.82)
Faculty of Graduate Studies	Men	240	232	96.67	1	(.42)
	Women	<u>14</u>	<u>13</u>	<u>92.85</u>	<u>-</u>	<u>(-)</u>
		254	245	96.45	-1	(.39)
WHOLE UNIVERSITY	Men	3778	2751	72.81	269	(7.12)
	Women	<u>1521</u>	<u>1228</u>	<u>80.73</u>	<u>93</u>	<u>(6.11)</u>
		5299	3979	75.07	362	(6.83)

SCHEDULE OF RESEARCH FUNDS

FOR THE YEAR ENDED JUNE 30, 1958

(a) Faculty of Medicine

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
Estate of the late Miss M. A. Aust	Faculty of Medicine	Medical Research with particular reference to Arthritic Research.
Sundry Donors	Faculty of Medicine	ACTH Research
Can. Arthritis & Rheumatism Society	Prof. E. M. Watson	Arthritic and Rheumatism Research
J. P. Cannon & Co.	Prof. J. B. Collip	Atherosclerosis & Hypertension Research
Anonymous Donors	Prof. J. B. Collip	Medical Research
Amer. Fdn. for Allergic Diseases	Prof. F. S. Brien	Medical Research
J. P. Bickell Fdn.	Prof. M. L. Barr	Histochemical Study of the Blood Vessels in Atherosclerosis
J. P. Bickell Fdn.	Prof. M. L. Barr	Studies in Experimental Cytology
Burroughs Wellcome & Co.	Prof. J. A. Blezard	Research re Anaesthesia
Burroughs Wellcome & Co.		Fellowship - Dr. M. L. Robinson
Ont. Cancer Treatment & Research Fdn.	Prof. J. Fisher & Dr. Ivan Smith	Experimental Production of Lung Fibrosis as a result of radio therapy

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
Collip Trust Fund	Prof. J. B. Collip	Medical Research
Sundry Donors	Faculty of Medicine	U.W.O. Cancer Research Project (General)
Ont. Cancer Treatment & Research Fdn.	Dr. C. G. Drake	Investigation of the Effect of Gama Radiation on Malignant Brain Tumours
"	Dr. E. R. Plunkett	Clinical Studies on the action of Lithospermum
Cndn. Cancer Society (Ontario Division)	Prof. J. B. Collip	Cancer Research
Ciba Co. Ltd.	Prof. J. B. Collip	Medical Research
Defence Research Board	Prof. J.A.F. Stevenson	Metabolic Reactions to Dietary, Temperature and Traumatic Stresses
"	Prof. R. A. Waud	Reaction of the Microscopic Vessels to Hemorrhagic Shock and Transfusion with Blood
"	Dr. H. A. DeLuca	The effect of cold on cholesterol metabolism
"	Prof. R. J. Rossiter	The metabolic response to cold
"	Prof. A. C. Burton	The reaction of man and animals to cold and damp
"	Prof. J. A. F. Stevenson	Haemodynamics of acute haemorrhage
"	Dr. G. W. Manning	Clinical Significance of Unusual Electrocardiograms of Apparently Healthy People

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
Defence Research Board	Prof. R. L. Noble	Study of Factors Affecting Tolerance to Trauma and Resistance to Repeated Trauma
"	Dr. C. W. Gowdey	The effect of changes in oxygen tension on the sympatho-adrenal and central nervous systems
"	Prof. A.C. Burton	High oxygen effects on visual function
Sarah E. Eaton Fund	Dr. G. E. Hall	Medical Research
Dr. R. W. Frost	Dr. G. E. Hall	Medical Research
Ont. Geriatrics Research Society	Prof. F. S. Brien	Research Project on Pulmonary Function
A. Hayman Estate	Dr. G. W. Manning	Cardiovascular Research
Dept. of National Health & Welfare	Prof. J.A.F. Stevenson	Prenatal Physiology
"	Prof. G. W. Stavrazy	Study of Convulsive Seizures
"	Prof. R. A. H. Kinch	Prenatal Mortality
R. C. A. F.	Prof. G. E. Hobbs	A study of the personal background of pilots in fatal training accidents
Dept. of National Health & Welfare	Prof. E.M. Watson	Methods of Urine Analysis
"	Prof. R.J. Rossiter	Tranquillizing Drugs

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
Dept. of National Health & Welfare	Prof. M. L. Barr	Studies in Mental Deficiency
Ontario Heart Fdn.	Dr. G. W. Manning	Clinical Cardiovascular Studies
"	Prof. R.A. Waud	The peripheral and vascular effects of hypotensive agents as studied on mechanical heart-lung dogs
"	Prof. J.A.F. Stevenson	The mechanism of cardiovascular response to anaemia
Dept. of National Health & Welfare	Prof. E.M. Watson	Disease
"	Prof. G.E. Hobbs	Study of Psychoneurotic Factors in Morbidity
Ruth Knox Herman Fellowship	Prof. J.B. Collip	Medical Research
Dept. of National Health & Welfare	Prof. E.M. Watson	Disease Factors in Diabetes
"	Prof. R.J. Rossiter	Metabolism of the Brain in Vitro
"	Prof. R.J. Rossiter	Pharmacological Studies on Metabolism of Brain
"	Prof. R.J. Rossiter	Metabolic Compounds in Brain Tissue
"	Dr. C. R. Engel	Synthesis of Steroids
Ontario Heart Fdn.	Dr. G.W. Manning	Cardiovascular Research
Dept. of National Health & Welfare	Prof. F.S. Brien	Fungal Spores in Allergy

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
Ontario Heart Fdn.	Prof. A. D. McLachlin	Mycocardil Vasclarization
Dept. of National Health & Welfare	Prof. G.E. Hobbs	Studies on Mental Illness
Ontario Heart Fdn.	Dr. G.W. Manning	Tests of Pulmonary Function
"	Dr. G.W. Manning	Cardiovascular Research
"	Dr. John C. Coles	Equipment Grant
Life Insurance Med. Research Fund	Prof. A.C. Burton	Research on physico-chemical and local reflex factors in hemodynamics
Can. Life Insurance Officers' Ass'n .	Prof. G.E. Hobbs	Motor Vehicle Accident Prevention Study
John Labatt Ltd.	Dr. R. J. Rossiter	Research in the Dept. of Biochemistry into the medical applicability of certain isotopes
Can. Life Insurance Officer's Ass'n.	Dr. C. R. Engel	Fellowship to investigate (a) synthesis of new steroids with hormonal and therapeutic activities in the series of sex and adrenal hormones. Investigation of the correlation of chemical constitution and physiological activity and (b) cardiotonics, especially isolation and determination of the nature of natural glycosides with marked activity
Lederle Laboratories	Prof. R.J. Rossiter	Lederle Medical Student Research Fellowship

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
Life Insurance Med. Research Fund	Dr. K.K. Carroll	Research on the relation of erucic and nervonic acids to sterol synthesis
Lederle Laboratories		Medical Faculty Award to Dr. K. P. Strickland
Life Insurance Med. Research Fund	Dr. Robert C. Buck	The permeability of arterial and venous endothelium towards large molecules and particulate matter
Can. Life Insurance Officers' Research	Dr. N. M. Lefcoe	Fellowship for Research
Sundry Donors	Faculty of Medicine	Medical Alumni Research Fund
F.K. Morrow Fdn.	Prof. G. E. Hobbs	The Relation of Population changes to Health and Disease
Sundry Donors	Dr. G. W. Manning	Dept. of Medicine Cardiovascular Research
J. McClary Memorial Fund	Prof. G. E. Hobbs	Research in Industrial Medicine
D.H. McDermid Memorial Fund	Prof. M. L. Barr	Medical Research
Muscular Dystrophy Ass'n of Canada	Dr. J.J. Seguin	Fellowship for Research
John & Mary R. Markle Fdn.	Dr. Donald P. Swartz	Fellowship for Research
Dr. A.D. McLachlin	Dr. A.M. Lansing	Fellowship re Research
"	Dr. T.A. Jory	Fellowship re Research
"	Prof. A.D. McLachlin	Research re Vascular Surgery

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
Dr. A.D. McLachlin	Dr. C.G. Drake	Research re Cerebral Oedema
"	Prof. J. A. F. Stevenson et al	The small bowel as an ureteral transplant
National Research Council	Dr. P. C. Fitz-James	Studies of the structure, composition and activities of Bacillus cells with particular emphasis on spore formation
"	Prof. E.M. Watson	The metabolism of the acid mucopolysaccharides
"	Dr. H.B. Stewart	(1) Studies on a soluble preparation from yeast (2) Studies on kilosis
"	Prof. D. L. Bartelink	Anatomy and Radiology of the spinal column
"	Dr. K.P. Strickland	The metabolism of some intermediates involved in the biosynthesis of the phospholipids
"	Prof. J.B. Collip	For Bacteriological Research
"	Prof. G.W. Stavrakys	Responses to partially isolated structures to chemical, reflex, and electric stimulation.
"	Prof. A.C. Burton	Reactivity of small blood vessels
"	Dr. P.C. Fitz-James	Senior Medical Research Associateship
"	Prof. R.G.E. Murray	General and cytological studies of bacteria fungi and related organisms

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
National Research Council	Dr. C.T. Beer	Senior Medical Research Associatehip
"	Prof. A.D. McLachlin	Continuation of the study of the effect of hypothermia on myocardial activity before and after sympathectomy
"	Dr. C. W. Gowdey	Catichol amine levels during several Physiological stresses and in certain hypertensive patients
"	Prof. M. L. Barr	Cytological tests of chromosomal sex
"	Dr. C. T. Beer	Investigation of the effect of antimetabolites and allied substances on the intermediary metabolism of tissues and cells with special reference to the leucopenic action of Vinca Rosea extract s.
"	Dr. K. P. Strickland	Medical Research Associate-ship and Research Grant
"	Prof. R. A. Waud	The pharmacology of lactones combined in Ornithogalum umbellatus and of isocorydine
"	Prof. J. B. Collip	Consolidated Grant to Dr. J. B. Collip
"	Prof. R. J. Rossiter	Biochemistry of the nervous system
"	Prof. J.A.F. Stevenson	The role of the hypothalamus in water and energy exchange

Name of Grantor Name of Grantee Description of Project

National Research Council

Dr. R. H. Pearce,

The chemistry of connective tissue

NRC Consolidated Advance Account 1956-7
NRC Consolidated Advance Account 1957-8

"

Prof. A.C. Burton

Special Grant for Equipment

"

Prof. R.J. Rossiter

Special Grant for Equipment

"

Prof. E.M. Watson

Special Grant for Equipment

"

Prof. E. G. D. Murray

Special Grant for Equipment

"

Prof. J. A. F. Stevenson

Special Grant for Equipment

"

Prof. R. J. Rossiter

Special Grant for Equipment

"

Prof. J. A. F. Stevenson

Special Grant for Equipment

"

Prof. J. A. F. Stevenson

Special Grant for Equipment

National Cancer Institute

Prof. R.L. Noble

The influence of endocrine system on cancer; action of substances affecting endocrine system

"

Prof. R. J. Rossiter

Study of endocrine activation of tissues

"

Prof. M. L. Barr

Nuclear Structure in Normal and Malignant Cells, with special reference to the Sex Chromatin

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
National Cancer Institute	Dr. R.W. Begg	An experimental study of the malignant properties of tumours in animals
"	Dr. R.W. Begg	Fellowship for Dr. R.W. Begg
"	Dr. R.W. Begg	Fellowship for A.F. Burton
"	Prof. R.L. Noble	Therapeutic Studies on Experimental Tumours
"	Prof. J.C. Paterson	Cancer Research
"	Dr. W.R. Inch	Cancer Research
"	Dr. H.B. Stewart	Cancer Research
Population Council Inc.	Prof. R.L. Noble	Population Study
Poulenc Ltd.	Dr. C. W. Gowdey	Medical Research
Geigy Co. Ltd.	Prof. J.A.F. Stevenson	Miscellaneous Research in Physiology
T. & H. Smith Ltd.	Prof. R. L. Noble	Dr. K. M. Henderson re work on Lithospermum and related plants
Edna Isabel Shurtleff	Prof. J.B. Collip	Cancer Research
Schering Corporation	Dr. C.R. Engel	Proposed Patent Application - Bromoprogesterone and Related Compounds
Province of Ontario	Dr. G.B. Sexton	Research on improved instruction in Venereal Disease
City of London	Dr. G.W. Manning	Victoria Hospital Special Research

(b) University College

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
Alcoholism Research Fdn.	Prof. G.H. Turner	The use of hypnosis in conjunction with other forms of therapy in the re-education of alcoholics
J.P. Bickell Fdn.	Prof. G.H. Reavely	Equipment Grant
Canada Packers Ltd.	Dr. F. Stiling	Humanities Research
Defence Research Board	Prof. A.W.A. Brown	Factors in Attractiveness of objects to adult aedis aegypti
"	Mr. E.H. Tull	Study of impurity concentration in germanium through measurement of magnetic susceptibility
"	Dr. D. McLarty	Preparation of Uni-Algal Cultures
"	Dr. R.W. Nicholls	Combustion Spectroscopy and Shock Excitation of Powdered Solids
"	Dr. A. J. Sukava	Alkali Battery Electrolytes
"	Dr. F. L. M. Pattison	Syntheses of organic fluorine compounds
Dept. of Mines & Technical Surveys	Prof. G.H. Reavely	Pleistocene Stratigraphy along Lakes Erie and Huron
"	Dr. R.J. Uffen	Scale Model Experiments of Airborne Electromagnetic Prospecting
"	Prof. A.D. Misener	Measurement of Thermal Conductivity of Rock Samples

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
Dept. of Mines & Technical Surveys	Dr. C. G. Winder	Microfauna of Kettle Point and Port Lambton Shales, Ontario
Imperial Oil Co.	Prof. A. D. Misener	Flame Reaction Research
Kerr-Addison Gold Mines	Prof. G. H. Reavely	Geology Research
John Labatt Ltd.	Prof. J. A. Gunton	The Distribution and Utilization of wort sugars
National Research Council	Prof. N. C. Hart	Expenses re Postdoctorate Fellowship - Dr. J. Russell
"	Prof. H. I. Battle	Effects of purines and purine analogues on teleostean development
"	Dr. C. Sivertz	Kinetics of free radical addition reactions to olifins and free radical induced cis-trans inversion
"	Dr. A. J. Sukava	Effects of addition agents on cathode polarization during electrodeposition of copper
"	Prof. A. R. Walker	A study of antibiotics and antibiotic producing organisms in relation to incidence of common scab in potato
"	Prof. G. R. Magee	Postdoctorate Fellowship, Dr. W. H. Wehlau
"	Prof. A. D. Misener	Block Grant - Physics Dept.
"	Dr. F. L. M. Pattison	The preparation of new non-discoloring anti-oxidants for synthetic rubber

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
National Research Council	Prof. G.H. Reavely	Re Postdoctorate Fellowship - Dr. R. L. Stanton
"	Prof. H. Battle	Postdoctorate Fellowship - Dr. Threadgold
"	Dr. R. J. Uffen	For Geophysical Investigations
"	Dr. D. G. Wilson	The organic acid content of some herbaceous plants
"	Mr. D.B. McMillan	The developmental history of the plasma cell and its release of cytoplasmic fragments in lymphoid organs
"	Dr. W. W. Judd	The development of the acetylcholine system in insect eggs and its relation to the ovicidal action of anticholinesterases
"	Dr. F.S. Cook	Nitrogen Metabolism and Transaminase activity in the buds of deciduous tree species
"	Dr. W. C. Howell	Chemistry of aliphatic fluorine compounds
"	Dr. R. J. Uffen	Postdoctorate Fellowship - Dr. A. E. Beck
"	Dr. C. Sivertz	Expenses re Dr. D. M. Graham - Postdoctorate Fellow

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
National Research Council	Dr. H. W. Baldwin	Rate of exchange of O ₂ between the oxyanions of CrVI and solvent water
"	Dr. T.K.R. Bourns	Development of a serological test involving agglutination of antigen-coated cellulose ion-exchange absorbents
"	Dr. W. E. McKeen	To continue (a) A study of zoospores of phycomycetes (b) a study of the nutrition of phylophthora fragariae
"	Dr. W.H. Wehlau	A photometric study of peculiar A stars with wide silicon lines
"	Dr. R.W. Nicholls	Studies in molecular excitation
"	Prof. A.D. Misener	Thermal Performance of Buildings and Associated Instrumentation
"	Prof. G.R. Magee	Special Grant for Equipment
"	Prof. A.D. Misener	Special Grant for Equipment
"	Prof. J.A. Gunton	Special Grant for Equipment
"	Dr. W. H. Wehlau	Special Grant for Equipment
"	Prof. A.R. Walker	Special Grant for Equipment
"	Dr. R. J. Uffen	Special Grant for Equipment

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
National Cancer Institute	Dr. E. Brannen	Study of the Dosimetry of the electron beam produced by the microtron
"	Dr. R.W. Nicholls	Spectroscopic studies of the luminosity produced in gases and liquids by ionizing radiation
"	Dr. W.F. McKeen	To study the transformation of A-virulent and moderately virulent isolates of <u>AGRO-BACTERIUM tume facieus</u> to virulent isolates and to investigate the possibility of producing tumour with culture filtrate
"	Mr. G. L. Olde	Fellowship - For the training of radiation physicist
Ontario Research Fdn.	Dr. D.M. Scott	Limnology of Rondeau Bay and Central Lake Erie
"	Dr. W. W. Judd	Population of Aquatic Insects of Farm Ponds
"	Dr. E. Brannen	The shaping and energy measurement of the external electron beam of the microtron
Ontario Food Processors' Assn.	Prof. A.R. Walker	Research Fellowship
Ontario Reserach Fdn.	Dr. R.H. Stinson	Daily Activity of the Starling
"	Dr. D. M. Scott	Annual mortality of the Cardinal

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
Ontario Research Fdn.	Dr. F.S. Cook	Nitrogen metabolism and transaminase activity in buds of deciduous trees
"	Dr. R.W. Nicholls	Laboratory Experiments in Meteor Physics
"	Dr. W.E. McKeen	Study of Powdery Mildew and its host parasite relation
"	Dr. D. G. Wilson	An investigation of the "unknown" acids in succulent plants
"	Dr. H.W. Baldwin	An attempt at synthesis of Diborazolochromium, and other compounds of possible "sandwich-type" structure
"	Dr. W.H. Wehlau	Design and construction of a Photo-electric Photometer
"	Dr. D.R. Stevenson	The Faraday Effect in Solids under Intense Magnetic Fields
"	Dr. T.K.R. Bourne	Serological studies on <u>Schistosomium douthitti</u> using the tannic acid-treated, antigen-coated erythrocyte agglutination technique
Province of Ontario	Prof. G.H. Turner	Dept. of Reform Institutions Research Grant
J.B. Smallman Memorial Research Fund	Dr. F. Stiling	Research in the Humanities and Social Sciences

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
Stothers Exceptional Child Fdn.	Prof. G.H. Turner	Grant-in-Aid for a study to be conducted by Miss Hignell
United States Air Force	Prof. A.D. Misener	Studies of Intensities and Modes in Atomic and Molecular Spectra

(c) Museums

Province of Ontario	Dr. W. Jury	Archaeological Research
---------------------	-------------	-------------------------

(d) School of Business Administration

Sundry Donors	Prof. F.W.P. Jones	Management Training Course Research Account
---------------	--------------------	--

(e) Miscellaneous

National Research Council	Dr. G.E. Hall	For the purpose of aiding scientific research
---------------------------	---------------	---

STAFF CHANGES

Each year several members of the University staff retire from active participation in the affairs of the University. To them I express, both personally and on behalf of the whole University, my sincere thanks for their many years of devoted service. At the same time, I wish them many happy years in retirement.

Several resignations, chiefly of part-time and sessional appointees, occurred during the year. At the same time many new appointments and promotions were effected.

It is with deep regret that I record the passing of several members of the University family. Their contributions to the University were great indeed.

Retirements and Resignations

Faculty of Arts and Science

W. B. Harvey	Professor of Political Science, Department of Economic and Political Science
E. J. Pratt	Visiting Professor, Department of English
R. C. Dearle	Research Professor of Physics
F. J. Chambers	Instructor, Department of Economic and Political Science
M. H. M. MacKinnon	Chairman, Department of English, but continuing as Professor
H. Lehnert	Lecturer, Department of German
O. Miller	Lecturer, Department of Journalism
R. J. Churchill	Lecturer, Department of Journalism

Retirements and Resignations, cont'd

- D. Clarke** Instructor, Department of Mathematics and Astronomy
- R. H. Pallen** Instructor, Department of Chemistry
- H. I. Battle** Acting Head, Department of Zoology, continuing as Professor

Faculty of Medicine

- A. A. Long** Senior Assistant, Department of Medical Research
- E. I. Loughlin** Senior Associate, Department of Obstetrics and Gynaecology
- S. M. Fisher** Instructor, Department of Medicine
- C. A. Harris** Lecturer, Department of Psychiatry and Preventive Medicine
- R. A. Haggart** Lecturer in Microscopic Anatomy
- K. W. Runnals** Instructor in Psychiatry
- G. A. F. Wainwright** Lecturer in Preventive Medicine
- C. R. Engel** Associate Professor, Department of Medical Research and Honorary Lecturer, Department of Chemistry
- R. H. Haynes** Honorary Lecturer, Department of Biophysics
- W. H. Boyd** Instructor, Department of Gross Anatomy

School of Business Administration

- R. Hobbs** Lecturer

Retirements and Resignations, cont'd

School of Nursing

Miss N. Cunningham Lecturer

Department of Buildings and Grounds

P. Painting Caretaker

A. Malott Caretaker

A. Howard Caretaker

Promotions

Faculty of Arts and Science

G. E. Buckley Assistant Professor to Associate Professor,
Department of English

J. Reidy Lecturer to Assistant Professor, Department
of English

R. Woodman Instructor to Assistant Professor, Department
of English

P. Stratford Instructor to Assistant Professor, Department
of English

R. Bates Instructor to Lecturer, Department of English

H. McCallum Instructor to Lecturer, Department of English

E. Sanborn Instructor to Lecturer, Department of English

J. R. W. Gwynne-
Timothy Lecturer to Assistant Professor, Department
of History; Lecturer, Department of Economic
and Political Science

Promotions, cont'd - Faculty of Arts and Science

- P. R. Robinson Lecturer to Assistant Professor, Department of Philosophy
- C. Henry Instructor to Lecturer, Department of Philosophy
- J. Paul Lecturer to Assistant Professor, Department of Psychology
- J. Havelka Instructor to Lecturer, Department of Psychology
- W. E. Collin Associate Professor to Professor, Department of Romance Languages
- J. Metford Lecturer to Assistant Professor, Department of Romance Languages
- Mrs. R. Waller Instructor to Lecturer, Department of Secretarial Science
- D. G. Wilson Assistant Professor to Associate Professor, Department of Botany
- C. Sivertz Associate Professor to Professor, Department of Chemistry
- R. J. Uffen Assistant Professor, Department of Geology; Assistant Professor in Geophysics, Department of Physics, to Associate Professor and Head, Sub-Department of Geophysics, Department of Geology and Geophysics
- R. W. Packer Assistant Professor to Associate Professor, Department of Geography
- J. H. Blackwell Assistant Professor to Associate Professor, Department of Physics

Promotions, cont'd - Faculty of Arts and Science

- P. A. Fraser Lecturer to Assistant Professor, Department of Physics
- J. R. Fairs Assistant Professor to Associate Professor, Department of Physical, Health and Recreation Education
- M. S. Yuhasz Lecturer to Assistant Professor, Department of Physical, Health and Recreation Education
- M. P. Poucher Lecturer to Assistant Professor, Department of Engineering Science

Faculty of Medicine

- R. H. Pearce Assistant Professor to Associate Professor, Department of Pathological Chemistry
- K. K. Carroll Assistant Professor to Associate Professor, Department of Medical Research
- N. Lefcoe Research Assistant to Research Associate and Instructor, Department of Medicine
- H. A. Pickard Research Assistant to Research Associate and Instructor, Department of Medicine
- Mrs. M. Campbell Senior Associate to Assistant Professor, Department of Paediatrics
- A. G. Denison Senior Associate to Assistant Professor, Department of Paediatrics
- C. W. Dyson Senior Associate to Assistant Professor and Head, Department of Ophthalmology
- R. E. Greenway Senior Associate to Assistant Professor and Head, Department of Otolaryngology

Promotions, cont'd - Faculty of Medicine

- D. S. Rajic Fellow to Instructor, Department of Radiology
- J. B. C. Robinson Instructor to Lecturer, Department of Physical
Medicine and Rehabilitation; Instructor in
Medical Ethics
- J. F. Ballantyne Instructor in Ophthalmology to Senior Associate
in Ophthalmology
- F. J. Rounthwaite Instructor in Otorhinolaryngology, Sessional
Lecturer in Physiology to Senior Associate in
Otorhinolaryngology, Sessional Lecturer in
Physiology
- B. L. Hession Instructor in Medicine to Assistant Professor of
Medicine
- J. M. Growse Instructor in Anaesthesia to Senior Associate in
Anaesthesia
- J. J. Seguin Research Assistant in Physiology to Lecturer in
Physiology

School of Business Administration

- J. J. Wettlaufer Assistant Professor to Associate Professor
- R. K. Ferguson Case Research Assistant to Lecturer

Music Teachers' College

- Clifford von Kuster Lecturer to Assistant Professor

Appointments

Faculty of Arts and Science

G. Reuber	Assistant Professor, Department of Economic and Political Science
John J. Madden	Lecturer, Department of Economic and Political Science
E. J. Pratt	Visiting Professor, Department of English
Elizabeth Bandeen	Instructor, Department of English
P. Linden	Instructor, Department of English
H. Lehnert	Lecturer, Department of German
J. P. McLaughlin	Lecturer, Department of History; Assistant Librarian
W. H. Wehlau	Assistant Professor, Department of Mathematics and Astronomy
B. Brainerd	Assistant Professor, Department of Mathematics and Astronomy
Douglas Clarke	Instructor, Department of Mathematics and Astronomy
John A. Mereu	Lecturer, Department of Mathematics and Astronomy
John W. Davis	Instructor, Department of Philosophy
Harold N. Blackwell	Lecturer, Department of Psychology
Richard G. Stennett	Lecturer, Department of Psychology
Morris M. Schnore	Instructor, Department of Psychology

Appointments, cont'd - Faculty of Arts and Science

Edgar DeArnon	Lecturer, Department of Physical, Health and Recreation Education
Patricia Demaray	Instructor, Department of Physical, Health and Recreation Education
N. A. Bennetton	Lecturer Department of Romance Languages
B. Davies	Instructor, Department of Romance Languages
P. Seymour	Instructor, Department of Romance Languages
Moyra Trainor	Instructor, Department of Romance Languages
Eleanor Strang	Instructor, Department of Secretarial Science
W. F. McKeen	Associate Professor, Department of Botany
Clara W. Fritz	Preceptor, Department of Botany
W. C. Howell	Lecturer, Department of Chemistry
Howard W. Baldwin	Instructor, Department of Chemistry
R. H. Pallen	Instructor, Department of Chemistry
Wm. H. Davis	Lecturer, Department of Engineering Science
A. T. Olson	Assistant Professor, Department of Engineering Science
A. M. Reid	Preceptor, Department of Geology
G. M. G. Boone	Lecturer, Department of Geology and Geophysics
C. F. J. Whebell	Instructor, Department of Geography
J. C. F. MacDonald	Honorary Lecturer, Department of Physics

Appointments, cont'd - Faculty of Arts and Science

J. A. Fulford Department of Physics, Instructor
D. R. Stevenson Lecturer, Department of Physics
T. K. R. Bourns Lecturer, Department of Zoology
William A. Kennedy Honorary Professor, Department of Zoology
Andrew H. Laurie Honorary Lecturer, Department of Zoology
David P. Scott Honorary Lecturer, Department of Zoology
J. J. Tibbles Honorary Lecturer, Department of Zoology

Faculty of Medicine

D. G. Marshall Instructor, Department of Gross Anatomy
R. A. J. Haggart Lecturer, Department of Microscopic Anatomy
G. H. Valentine Special Lecturer, Department of Paediatrics
Robert A. H. Kinch Professor and Head, Department of Obstetrics
and Gynaecology
J. H. Walters Senior Associate in Obstetrics and Gynaecology
and Head of the Department at St. Joseph's
Hospital
N. M. Lefcoe Instructor in Medicine in addition to present
appointment as Research Assistant in Medicine
Howard S. Cameron Instructor in Surgery
N. H. Aldridge Instructor, Department of Radiology
P. C. Conlon Instructor in Radiology

Appointments, cont'd - Faculty of Medicine

G. L. Wong Instructor in Otorhinolaryngology

R. H. Haynes Honorary Lecturer in Biophysics

School of Business Administration

C. B. Johnston Lecturer

A. Wood Lecturer

Music Teachers' College

Clifford Poole Principal

Leaves of Absence

Faculty of Arts and Science

J. E. Kersell Instructor, Department of Economic and Political Science

J. Graham Assistant Professor, Department of English

Mrs. J. Newman Instructor, Department of Romance Languages

F. L. M. Pattison Associate Professor, Department of Chemistry

R. C. Dearle Research Professor, Department of Physics

Faculty of Medicine

A. G. Ramsay Instructor in Medicine

Leaves of Absence - cont'd

School of Business Administration

J. T. Nicholson Assistant Professor

Returning from Leave of Absence

Faculty of Arts

I. A. McDonald Lecturer, Department of English

Faculty of Medicine

W. R. Inch Honorary Lecturer, Department of Biophysics

Deceased 1957-58

Dr. K. P. R. Neville, one-time Dean of Arts and Science and University Registrar, 1st October, 1957

E. L. Gill, one-time member of the University maintenance staff, 31st October, 1957

Dr. W. J. Tillmann, one-time Professor of Paediatrics and long-time member of Medical Faculty, 11th December, 1957

Dr. A. S. Graham, one-time Consultant in Anaesthesia, 18th January, 1958

M. F. Forristal, Member, Board of Governors, 20th January, 1958

Arthur T. Little, Chairman Emeritus, Board of Governors, 2nd April, 1958.

PUBLICATIONS OF THE FACULTY
AND GRADUATE STUDENTS

FACULTY OF ARTS AND SCIENCE

Department of Botany

COOK, F.S. The kinetics of amino group transfer by corn radicle transaminase. Canadian Journal of Biochemistry and Physiology. Vol. 35, No. 12. December 1957. Pp. 1289 - 1303.

McKEEN, W. E. Blueberry canker in British Columbia. Phytopathology. Vol. 48, No. 5. May 1958. Pp. 277-280.

McKEEN, W. E. Races of and resistance to phytophthora fragariae. Plant Disease Reporter. Vol. 42, No. 6. June 15, 1958. PP. 768-771.

McKEEN, W. E. Red stele root disease of the loganberry and strawberry caused by phytophthora fragariae. Phytopathology. Vol. 48, No. 3. March 1958.

Department of Chemistry

HOWELL, W. C. Actinomycin Part III. The reaction of actinomycin with alkali. Journal of the Chemical Society. April, 1957. Pp. 1592 - 1602.

HOWELL, W. C. Actinomycin Part VI. The structure and synthesis of actinomycinol. January, 1958. Journal of the Chemical Society. Pp. 496-504.

LANG, A. A. and SUKAVA, A. J. System $\text{KOH-K}_2\text{CO}_3\text{-H}_2\text{O}$, phase equilibria. Canadian Journal of Chemistry. Vol. 36, 1958. Pp. 1064 - 1069.

PALLEN, R. H. and SIVERTZ, C. The photoinitiated addition of mercaptans to olefins. III. The kinetics of the addition of thiophenol to styrene and to 1-octane. Canadian Journal of Chemistry, Vol. 35, July 1957. Pp. 723-733.

PATTISON, F. L. M. Toxic aliphatic fluorine compounds. Chemistry in Canada. Vol. 9, August 1957. Pp. 1-7.

Department of English

KLINCK, Carl F. John Galt's Canadian Novels. Ontario History. Vol. XLIX, No. 4. Autumn 1957. Pp. 187-194.

KLINCK, Carl F. Major Richardson's Kensington Gardens in 1830. Edited with an introduction by Carl F. Klinck. Bibliographical Society of Canada, Toronto, 1957. Facsimile Series. PP. i-xiii; 1 - 32.

KLINCK, Carl F. Western Ontario 150 years ago: John Galt's statistical account of Upper Canada (1807). Western Ontario Historical Notes. Vol. XIV, No. 3. June, 1958. Pp. 1-15.

MacKINNON, M. H. M. The Man and the teacher, E. J. Pratt. Tamarack Review. Vol. 6, No. 6. Winter 1958. Pp. 71-74.

MacKINNON, M. H. M. The papers are locked in the vault. Waterloo Review. Vol. 1, No. 1. Spring 1958. Pp. 47-50.

MacKINNON, M. H. M. The role of the Humanities Association. Humanities Bulletin. Vol. 23. January 1958. Pp. 9-12.

MacKINNON, M. H. M. School books used at Eton College about 1600. Journal of English and Germanic Philology. Vol. LVI, No. 3. July 1957. Pp. 429-433

MacKINNON, M. H. M. Sir John Harington and Bishop Hall. Philological Quarterly. Vol. XXXVIII, No. 1. January 1958. Pp. 80-86.

Department of English, cont'd.

REIDY, J. Thomas Norton and the "Ordinal of Alchimy." Ambix.
Vol. VI, No. 2. December 1957. Pp. 59-85.

STRATFORD, P. C. Congratulations ... Father? . Canadian Forum.
Vol. 37, June 1957. Pp. 55-56.

Department of Geography

PLEVA, E. G. Canadian Oxford Atlas (Canadian Section). Oxford
University Press, 1957.

PLEVA, E. G. Canadian Oxford School Atlas (With Spence Inch).
Oxford University Press, 1957.

PLEVA, E. G. Workbooks in Economic Geography and the Geography of
Canada. The University of Western Ontario, 1958. Department of
Geography.

Department of Geology

BECK, Allen E. A steady state method for the rapid measurement of the
thermal conductivity of rocks. Journal of Scientific Instruments.
Vol. 34, May 1957. Pp. 186-189.

DREIMANIS, A. Depths of leaching in glacial deposits. Science.
Vol. 126, No. 3270. August 1957. Pp. 403-404.

DREIMANIS, A. Stratigraphy of the Wisconsin glacial stage along the
Northwestern shore of Lake Erie. Science. Vol. 126,
No. 3265. July 1957. Pp. 166-168.

DREIMANIS, A. Tracing ore boulders as a prospecting method in Canada.
Transactions of Canadian Institute of Mining. Vol. LXI, 1958.
Pp. 49-56.

Department of Geology, cont'd

DREIMANIS, A. Wisconsin stratigraphy at Port Talbot on the North shore of Lake Erie, Ontario. The Ohio Journal of Science. Vol. 58, No. 2. March 1958. Pp. 65-84.

UFFEN, Robert J. Melting, diffusion and related topics - the origin of rock magma. National Research Council of Canada, Division of Pure Physics, Special Report. February 1958, Pp. 59-67.

WINDER, C. G., with ALLEN, G. B. Cyclic sedimentation in the Salina (Silurian) formation of Southwestern Ontario. Bulletin of the Geological Society of America. Vol. 68, No. 12, Pt. 2. December 1957. Pp. 1813 - .

WINDER, C. G., with DREIMANIS, A. Limestone quarry of St. Mary's Cement Company. Geology of Canadian Industrial Mineral Deposits. Pp. 152 - 153. 6th Commonwealth and Metallurgical Congress.

WINDER, C. G. and DREIMANIS, A. Limestone quarry of St. Mary's Cement Company. The Geology of Canadian Industrial Mineral Deposits. 6th Commonwealth Mining and Metallurgical Congress. 1957. Pp. 152-153.

Department of German

KALBFLEISCH, Herbert K. German Grammar for Science Students. 1957. 124 - viii pp. The Copp Clark Publishing Company.

KALBFLEISCH, Herbert K. John A. Rittinger. American-German Review. Vol. XXIII, No. 6. August-September 1957. Pp. 18-20.

WEYL, S. Early German visitors to Canada. German-Canadian Review. Vol. IX, No. 1. 1956. Pp. 12-14.

Department of History

FERGUSON, W. K. The interpretation of Italian humanism: the contribution of Hans Baron. Journal of the History of Ideas. Vol. XIX, No. 1. January 1958. Pp. 14-25.

FERGUSON, W. K. The revival of classical antiquity. Report of the Annual Meeting of the Canadian Historical Association, 1957. Pp. 1-18.

FERGUSON, W. K. A Survey of European Civilization. 3rd ed. 1958. Houghton Mifflin Co.

Department of Mathematics and Astronomy

BRAINERD, B. On a class of lattice-ordered rings. Proceedings of the American Mathematical Society. Vol. 8, No. 4. August 1957. Pp. 673-683.

BRAINERD, B. On a class of lattice-ordered rings, II. Koninkl. Nederl. Akademie van Wetenschappen, Amsterdam. Ser. A:60, No. 5. 1957. Pp. 541-547.

WEHLAU, A. W. Velocity ellipsoids of nearby dwarfs. Astronomical Journal. Vol. 62, No. 6. August 1957. Pp. 169-175.

Department of Philosophy

DAVIS, J. W. Images in Locke, Berkeley, and Hume. University Microfilms, Ann Arbor, Michigan.

JOHNSON, A. H. Review of N. Lawrence Whitehead's philosophical development. Philosophy and Phenomenological Research. Vol. XVIII, No. 2, December 1957. Pp. 274-276.

JOHNSON, A. H. Whitehead's Philosophy of Civilization. Beacon Press, 1958. Boston.

Department of Physical, Health, and Recreation Education

JONES, Evelyn G. and FAULKNER, John A. (editor, Canadian edition).
Enjoying Health. Longman's, Green and Company. 1957.

L'HEUREUX, W. J. Hockey lesson from Moscow. Journal of the Canadian Association for Health, Physical Education and Recreation. Vol. 24, No. 2, January 1958. Pp. 31-32.

L'HEUREUX, W. J. The integrating values of physical education. Ontario English Catholic Teachers' Association Review. Vol. XIII, No. 4., May 1958. Pp. 8-12.

L'HEUREUX, W. J. So you're my son's coach. The Community Courier. No. 115, May-June 1958. Pp. 20-21.

YUHASZ, M. S. Forty plus - and healthy. The Business Quarterly. Vol. XXII, No. 2, Summer 1957. Pp. 173-180.

YUHASZ, M.S. and FAULKNER, J.A. Western motor ability test. Journal of the Canadian Association for Health, Physical Education and Recreation. Vol. 24, No. 3. March 1958. Pp. 18-22.

Department of Physics

BRANNEN, E., FERGUSON, H. I. S. and WEHLAU, W. Photon correlation in coherent light beams. Canadian Journal of Physics. Vol. 36, No. 7, July 1958. Pp. 871-874.

CARMICHAEL, Charles M. Report on Canadian Conference on Education. Physics in Canada, Vol. 14, No. 2, 1958. Pp. 18-23.

DIXON, R. N., and NICHOLLS, R. W. An experimental study of the band intensities in the CN Red System. Canadian Journal of Physics. Vol. 36, No. 1, 1958. Pp. 127-133.

FRASER, P. A. Studies in atomic collisions. I. A numerical solution of some equations of scattering. Scientific Report No. 4, Contract AF-19(604)-1718. April, 1958.

Department of Physics, cont'd

FULFORD, J. A. and BLACKWELL, J. H. Design and construction of a K-band spectrometer for the measurement of absolute intensity. Journal - Proceedings of Institute of Radio Engineers. Vol. 45, No. 9, September 1957. Pp. 1309.

MARR, G. V. The luminous mantle of fuel-rich oxy-acetylene flames. I. Spectroscopic temperature measurements. Canadian Journal of Physics. Vol. 35, 1957. Pp. 1265-1274.

MARR, G. V. The luminous mantle of fuel rich oxy-acetylene flames. II. Free radical and continuum intensity and their influence on C_3 emissions. Canadian Journal of Physics. Vol. 35, 1957. Pp. 1275-1283.

MARR, G. V. Some possible reaction mechanisms associated with the emission of the C_3 radical in laboratory and astrophysical sources. Publications of the Astronomical Society of the Pacific, 1958. Vol. 70, No. 413. Pp. 197-201.

NICHOLLS, R. W. Relative vibrational transition probabilities and r-centroids for the Meinel ($A^2\Pi - X^2\Sigma$) band system of N_2^+ . Journal of Atmospheric and Terrestrial Physics. Vol. 12, 1958. Pp. 211-214.

NICHOLLS, R. W. Studies upon transition probabilities and molecular excitation. Annales de Geophysique, Vol. 14, No. 2, 1958. Pp. 208 - 223.

NICHOLLS, R. W., and PARKINSON, W. H. Shock-induced physical and chemical surface changes on oxide powder. Canadian Journal of Physics. Vol. 36, No. 5, 1958. Pp. 625-627.

NICHOLLS, R. W., and REEVES, E. M. Luminosity produced in air by polonium 210 α -particles. Nature, Vol. 180, 1957. Pp. 1188 - 1189.

NICHOLLS, R. W. and REEVES, E. M. A simple and inexpensive f/1.1 prism spectrograph. Journal of the Optical Society of America, Vol. 48, No. 5, 1958. P. 358.

ROBINSON, D. and NICHOLLS, R. W. Intensity measurements on the O_2^+ Second Negative, CO Angstrom and Third Positive and NO γ and β Molecular band systems. Proceedings of the Physical Society, Vol. 71, No. 6. June, 1958. Pp. 957-964,

ROBINSON, D. and NICHOLLS, R. W. Intensity measurements in molecular spectra. III. An experimental study of band intensities in O_2^+ CO and NO Band Systems. Scientific Report, No. 3, Contract AF 19(604)-1718. February 1958.

ROBINSON, D. and NICHOLLS, R. W. Intensity measurements on molecular spectra. IV. Intensity measurements on Overlapped Bands. Scientific Report No. 5. Contract AF 19(604)-1718. May 1958.

STEVENSON, R. Compressions and solid phases of CO_2 , CS_2 , COS O_2 and CO. Journal of Chemical Physics. Vol. 27. 1957. P. 673.

STEVENSON, R. Solid Methane - changes in phase under pressure. Journal of Chemical Physics. Vol. 27, 1957, Pp. 656-658.

STEVENSON, R. Tentative phase diagram for solid H_2S . Journal of Chemical Physics. Vol. 27, 1957. Pp. 147-150.

Department of Psychology

NEWTON, Grant, PAUL, John, and BOVARD, E. W., Jr. Effect of emotional stress on finger temperature. Psychological Reports. Vol. 3, 1957. Pp. 341 - 343.

WILLIAMS, D. C. W., PAUL, J., and OGILVIE, J.C. Mass Media, learning and retention. Canadian Journal of Psychology, Vol. 11, No. 3, 1957. Pp. 157 - 163.

Department of Romance Languages

TORRENS, R. W. Lectures Variées. Copp Clark Publishing Company, Toronto, 1958.

TORRENS, R. W. President's remarks - O.M.L.T.A. Convention 1958. The Canadian Modern Language Review, Vol. XIV, No. 4, 1958. Pp. 7-9.

Department of Zoology

HALL, James C. and BATTLE, Helen I. Respiratory movements and endurance of frogs at low pressures. Canadian Journal of Zoology. Vol. 35, 1957. Pp. 593-601.

HISAOKA, K. K. and BATTLE, H. I. Normal development of the Zebra-fish (Brachydanio rerio). Journal of Morphology. Vol. 102, No. 2, March 1958. Pp. 311-327. Plates Pp. 322 - 328.

JUDD, W. M. Birds nesting in northeast London in 1957. The Cardinal. No. 26, 1957. Pp. 1-4.

JUDD, W. W. Chalcidoid wasps (Eulophidae, Eurytomidae) reared from the bullet gall caused by Disholcaspis mamma (Cresson) (Cynipidae). Entomological News. Vol. 68, 1957. Pp. 193-195.

JUDD, W. W. A collection of insects and millipeds from fungi in Ontario. Transactions of the American Microscopical Society. Vol. 76, 1957. Pp. 311-316.

JUDD, W. W. Crayfish stranded in winter on the bank of Medway Creek, London, Ontario. Canadian Field-Naturalist. Vol. 71, 1957. P. 36.

JUDD, W. W. Diptera (Calliphoridae, Heleidae and Chloropidae) collected from birds' nests at London, Ontario. Entomological News. Vol. 68, 1957. Pp. 32-34.

JUDD, W. W. The food of Jefferson's salamander, Ambystoma jeffersonianum, in Rondeau Park, Ontario. Ecology. Vol. 38, 1957. Pp. 77-81.

- JUDD, W. W. Fowler's toad on the Lake Erie shore. Bulletin of the Federation of Ontario Naturalists. Vol. 78, 1957. Pp. 13-15.
- JUDD, W. W. Insects reared and collected from the pond snail, Lymnaea palustris Mull., at London, Ontario. Entomological News, Vol. 68, 1957. Pp. 69-72.
- JUDD, W. W. The McIlwraith Ornithological Club exhibits at the Home and Garden Show in 1957. The Cardinal. Vol. 25, 1957, Pp. 2-3.
- JUDD, W. W. Observations on a second colony of the land snail Cepaea nemoralis (L.) at London, Ontario, with a consideration of the banding patterns in the two colonies. Canadian Field Naturalist. Vol. 69, 1955. Pp. 148-150.
- JUDD, W. W. Observations on the habitat and food of the queen snake, Natrix septemvittata, at London, Ontario. Canadian Field-Naturalist. Vol. 69, 1955. Pp. 167-168.
- JUDD, W. W. Ontario's insect immigrant, the praying mantis. G. A. Clarion. Vol. 11, No. 3, 1957. Pp. 3-8.
- JUDD, W. W. Phytophaga rigidae (O.S.) (Diptera: Itonididae), sawflies (Euura sp.) and hymenopterous parasites reared from the beaked gall of willow. Canadian Entomologist. Vol. 89, 1957. Pp. 8-11.
- JUDD, W. W. Results of a survey of calyptrate flies of medical importance conducted at London, Ontario during 1953. American Midland Naturalist. Vol. 56, 1956. Pp. 388-405.
- JUDD, W. W. Shore birds sprung from sedge stalks. Bulletin of the Federation of Ontario Naturalists, Vol. 76, 1957. Pp. 24-25.
- JUDD, W. W. Studies of the Byron Bog in southwestern Ontario. I. Description of the bog. Canadian Entomologist, Vol. 89, 1957. Pp. 235-238.
- JUDD, W. W. A terrestrial turbellarian flatworm collected at London, Ontario. Canadian Field-Naturalist. Vol. 71, 1957. P. 154.

- SCOTT, D. M. Records of Larval Contraecaecum sp. in 3 species of mysids from the Bras D'Or Lakes, Nova Scotia, Canada. The Journal of Parasitology. Vol. 43, No. 3, 1957. P. 290
- SCOTT, D. M. and FISHER, H.D. Incidence of a Parasitic Ascarid, Porrocaecum decipiens, in the Common Porpoise, Phocoena phocoena, from the Lower Bay of Fundy. Journal of the Fisheries Research Board of Canada, Vol. 15, No. 1, 1958. Pp. 1-4.
- SCOTT, D. M. and MARTIN, W. R. Variation in the Incidence of Larval Nematodes in Atlantic Cod Fillets along the Southern Canadian Mainland. Journal of the Fisheries Research Board of Canada, Vol. 14, No. 6, 1957. Pp. 975 - 996.
- THREADGOLD, L. T. Sudan black and Osmic acid as staining agents for testicular interstitial cells. Stain Technology. Vol. 32, No. 6, 1957. Pp. 267-270.
- THREADGOLD, L. T. The photoperiodic response of the sparrow, Passer domesticus. Nature. Vol. 182, August 1958, P. 407.
- THREADGOLD, L. T. and GRESSON, R. A. R. Electron microscopy study of the cells lining the small blood vessels of Helix pomatia (Linn.) Journal of Biophysical and Biochemical Cytology. Vol. 4, No. 3, 1958. Pp. 342, - 344.
- School of Business Administration
- GRINDLAY, Andrew. Merchandising in a small town. The Business Quarterly, Vol. XXIII, No. 2, June 1958. Pp. 107-110.
- HUSON, A. Gordon. Business and public administration. The Business Quarterly, Vol. XXII, No. 4., December 1957. Pp. 389-397.
- HUSON, A. Gordon. Foreign control of Canadian business I. The Business Quarterly. Vol. XXII, No. 3, October 1957. Pp. 249-256.
- HUSON, A. Gordon. Foreign control of Canadian Business II. The Business Quarterly, Vol. XXII, No. 4, December 1957. Pp. 351-359.

School of Business Administration, cont'd

HUSON, A. Gordon. How a foreign subsidiary can win friends in Canada. The Business Quarterly, Vol. XXIII, No. 1, March 1958.

Pp. 34-36.

HUSON, A. Gordon. Management problems of a foreign subsidiary.

The Business Quarterly. Vol. XXIII, No. 2, June 1958.

Pp. 116-119.

HUSON, A. Gordon. Wheat pricing - free or fixed? The Business

Quarterly, Vol. XXII, No. 3, October 1957. Pp. 311-321.

JONES, Frederick W. P. Must marketing mean selling? Canadian Textile

Journal, July 1958.

JONES, Frederick W. P. The meaning of profit. Proceedings of 2nd Annual

U. W.O. Business Conference, May 1957. 1958. Pp. 3 - 9.

LADD, Dwight R. Competition in Canadian civil aviation. The Business

Quarterly, Vol. XXIII, No. 2, June 1958. Pp. 86-91.

LEIGHTON, David S. R., co-edited with E. J. FOX. Marketing in Canada.

March 1958. Richard Irwin.

LEIGHTON, David S. R. Problems in Marketing, co-authored with

Professors McNair, Brown and England of the Harvard Business School. 2nd ed. September 1957. McGraw-Hill.

LEIGHTON, David S. R. Putting motivation research to work. The Business

Quarterly. Vol. XXIII, No. 1. March 1958. Pp. 29-33.

ORDE, Mary. Business biography: J. William Horsey. The Business

Quarterly. Vol. XXIII, NO: 1, March 1958. Pp. 37-38.

THAIN, Donald H. Salesmen's compensation in Canada. The Business

Quarterly. Vol. XXII; No. 3. October 1957. Pp. 268-282.

THOMPSON, Walter A. Changing organizations for changing markets.

The Business Quarterly. Vol. XXII, No. 3, October 1957.

Pp. 299-306.

School of Business Administration, cont'd

VAN GIGCH, John P. Business prospects in 1958. The Business Quarterly.
Vol. XXII, December 1957. Pp. 361-367.

Libraries

BISHOP, O. B. Publications of the governments of Nova Scotia, Prince
Edward Island, and New Brunswick, 1758-1952. 1957. National
Library of Canada. vi, 237.

Music Teachers' College

COOK, John. Three songs for "The Merchant of Venice", for S.A.T.B.
(unaccompanied). Novello's Original Octave Edition. 1958.

COOK, John. Two songs for "Twelfth Night": "O Mistress Mine" and
"Come Away Death" (Solo voice with piano accompaniment).
1958. Waterloo Music Co.

POOLE, Margaret Parsons. Western Ontario Conservatory of Music Graded
Piano Books, Grades I, II and V. 1958. Frederick Harris Music
Company.

Huron College

HARRISON, R. K. A history of Old Testament times. 1957. Marshall,
Morgan and Scott Ltd.

HARRISON, R. K. The personality profile, Part II. The St. Raphael
Quarterly, Vol. II, No. 2. May 1957. Pp. 401-406.

HARRISON, R. K. The personality profile, Part III. The St. Raphael
Quarterly, Vol. II, No. 5, 1958. Pp. 505-511.

MORRIS, William S. The reappraisal of Edwards. The New England
Quarterly, Vol. XXX, No. 4, December 1957. Pp. 515-525.

Ursuline College

MOTHER M. ST. MICHAEL. Review of: S. M. Keeney, Half the world's children. New York Associated Press, 1957. Social Order.

Vol. VIII, 1958. P. 42.

MOTHER M. ST. MICHAEL. Review of: Phineas J. Sparer, M.D. Personality stress and tuberculosis. International University Press, 1956. American Catholic Sociological Review.

Vol. XVIII, October 1957. Pp. 265-266.

MOTHER M. ROSANNA. Review of: Chapin F. Stuart, Jr. Urban land use planning. Harper. American Catholic Sociological Review.

Vol. XVIII, October 1957. P. 268.

FACULTY OF MEDICINE

Department of Anaesthesia

SPOEREL, W. E. G. A. Adrenergic blocking agents in shock. Canadian Anaesthetists' Society Journal. Vol. 5, 1958. Pp. 170-176.

Department of Anatomy

BARTELINK, D. L. The role of abdominal pressure in relieving the pressure on the lumbar intervertebral discs. Journal of Bone and Joint Surgery. Vol. 39B, 1957. Pp. 718-725.

Department of Bacteriology and Immunology

BAKERSPIGEL, A. The structure and mode of division of the nuclei in the vegetative spores and hyphae of Endogone sphagnophila Atk. American Journal of Botany, Vol. 45, 1958. Pp. 404-410.

Department of Bacteriology and Immunology, cont'd

- BAKERSPIGEL, A. The structure and mode of division of the nuclei in the yeast cells and mycelium of *Blastomyces dermatitidis*. Canadian Journal of Microbiology. Vol. 3, 1957. Pp. 923-936.
- FITZ-JAMES, P. C. Cytological and chemical studies of the growth of protoplasts of *Bacillus megaterium*. Journal of Biophysical and Biochemical Cytology. Vol. 4, 1958. Pp. 257-266.
- FITZ-JAMES, P. C., TOUMANOFF, C. and YOUNG, I.E. Localization of a toxicity for silkworm larvae in the parasporal inclusion of *Bacillus cereus* var. *alesti*. Canadian Journal of Microbiology. Vol. 4, 1958. Pp. 385-392.
- FITZ-JAMES, P. C. Studies on the morphology and nucleic acid content of protoplasts of *Bacillus megaterium*. Journal of Bacteriology. Vol. 75, 1958. Pp. 368-382.
- MAYALL, B. H. and ROBINOW, C. F. Observations with the electron microscope on the organization of the cortex of resting and germinating spores of *B. megaterium*. Journal of Applied Bacteriology. Vol. 20, 1957. Pp. 333-341.
- MURRAY, R. G. E. On the fine structure of microbes. Canadian Journal of Biochemistry and Physiology. Vol. 35, 1957. Pp. 565 - 568.
- ROBINOW, C. F. The structure and behaviour of the nuclei in spores and growing hyphae of Mucorales. I *Mucor hiemalis* and *Mucor fragilis*. Canadian Journal of Microbiology. Vol. 3, 1957. Pp. 771-789.
- ROBINOW, C. F. The structure and behaviour of the nuclei in spores and growing hyphae of Mucorales. II *Phycomyces blakesleeanus*. Canadian Journal of Microbiology. Vol. 3, 1957. Pp. 791-798.
- SMOUT, M. S. and BAKERSPIGEL, A. Ringworm in Southwestern Ontario caused by *Trichophyton Verrucosum*. Canadian Medical Association Journal. Vol. 78, 1958. Pp. 38-40.

Bacteriology and Immunology, cont'd

SPIEGELMAN, S. ARONSON, A.I., and FITZ-JAMES, P.C. Isolation and characterization of nuclear bodies from protoplasts of Bacillus megaterium. Journal of Bacteriology, Vol. 75, 1958. Pp. 102 - 117.

Department of Biochemistry

BERRY, J. F. and McMURRAY, W. C. Aerobic and anaerobic p³² labelling of phospho-lipids and adenosine phosphates in hypotonic homogenates of rat brain. Canadian Journal of Biochemistry and Physiology. Vol. 35, 1957. Pp. 799-809.

FITZ-JAMES, P. C. The phosphorus fractions of Bacillus cereus and Bacillus megaterium I. A comparison of spores and vegetative cells. Canadian Journal of Microbiology. Vol. 1, 1955. Pp. 502 - 519.

FITZ-JAMES, P. C. The phosphorus fractions of Bacillus megaterium II. A correlation of the chemical with the cytological changes during spore germination. Canadian Journal of Microbiology. Vol. 1, 1955. Pp. 525-548.

MACALLUM, A. B. The bioassay of insulin by the compensation method. Canadian Journal of Biochemistry and Physiology. Vol. 35, 1957. Pp. 599-604.

MAGEE, W. L. Effect of certain tranquillizing drugs on the metabolism of brain slices. (Abstract). Proceedings of IV. International Congress of Biochemistry, Vienna. 1958. P. 183.

PRITCHARD, E.T. and ROSSITER, R. J. Effect of chlorpromazine on in Vitro Labelling of rat brain phosphatides. (Abstract) Proceedings of Western Regional Group, NRC. Vol. 12, 1958. P. 29.

ROBINSON, G.A. and DeLUCA, H.A. The determination of protein-bound iodine. Canadian Journal of Biochemistry and Physiology. Vol. 36, 1958. Pp. 701-706.

Department of Biochemistry, cont'd

- ROSSITER, R. J. Biochemistry of cell fractions. Canadian Journal of Biochemistry and Physiology. Vol. 35, 1957. Pp. 579-597.
- ROSSITER, R. J., McLEOD, I.M., and STRICKLAND, K. P. Biosynthesis of lecithin in brain and degenerating nerve. Participation of cytidine diphosphate choline. Canadian Journal of Biochemistry and Physiology. Vol. 35, 1957. Pp. 945-951.
- ROSSITER, R. J., and STRICKLAND, K. P. Biogenesis of phosphatides and triglycerides. (Abstract) Proceedings of New York Academy of Sciences Conference on the Influence of Hormones on Lipid Metabolism. 1958. P. 9.
- ROSSITER, R. J., McMURRAY, W. C. and STRICKLAND, K.P. Biosynthesis of phosphatides in brain nerve. Federation Proceedings. Vol. 16, 1957. Pp. 853-855.
- ROSSITER, R. J., MOLLOY, R. and NICHOLLS, Doris. Function of the adrenal cortex in the rat. Effect of acclimatization to cold. (Abstract) Proceedings of Western Regional Group, NRC. Vol. 12, 1958. P. 13.
- ROSSITER, R. J. Lipid and fatty acid metabolism. Section 9, in International Neurochemical symposium, 2d, Aarhus, Denmark, 1956. Metabolism of the nervous system. 1957. Pp. 355-380. New York, Pergamon Press.
- ROSSITER, R. J., PRITCHARD, E.T., and STRICKLAND, K. P. Metabolism of nucleic acids and lipids in brain and in peripheral nerve during experimental demyelination. Neurology. Vol. 8, Supp. 1, 1958. Pp. 34-40.
- ROSSITER, R. J., THOMPSON, W., and STRICKLAND, K.P. Participation of cytidine nucleotides in the synthesis of brain phosphatides Proceedings of the Canadian Federation of Biological Societies. Vol. 1, 1958. P. 43.
- ROSSITER, R. J. and NICHOLLS, Doris. Phosphorus metabolism of the adrenal gland of rats exposed to a cold environment. Revue Canadienne de Biologie. Vol. 16, 1957. Pp. 249 - 268.

Department of Biochemistry, cont'd

- STRICKLAND, K. P., and ROSSITER, R. J. Biogenesis of phosphatides and triglycerides. (Abstract). Proceedings of Gordon Research Conference on Lipide Metabolism. Meriden, New Hampshire. 1958. P. 101.
- THOMPSON, E. M., and STEWART, H. B. An effect of lipoic acid on the in vitro metabolism of pyruvate by liver preparations from fat-fed rats. (Abstract). Proceedings of the Canadian Federation of Biological Societies. Vol. 1, 1958. P. 50.
- TURNER, D.A. The absorption, transport, and deposition of fat. American Journal of Digestive Diseases. New Ser. Vol. 3, 1958. Pp. 594 - 640.

Department of Biophysics

- BURTON, A.C. and PATEL, D. J. Effect on pulmonary vascular resistance of inflation of the rabbit lungs. Journal of Applied Physiology. Vol. 12, 1958. Pp. 239 - 246.
- BURTON, A. C. The human side of the physiologist, prejudice and poetry. The Physiologist. American Physiological Society Proceedings. Vol. 1, 1957. Pp. 1 - 5.
- BURTON, A.C. The importance of the shape and size of the heart. American Heart Journal. Vol. 54, 1957. Pp. 801 - 810.
- BURTON, A.C. Interrelation of physical and physiological factors. Factors Regulating Blood Flow. Proceedings of the Third Conference on Microcirculatory Physiology and Pathology. 1958. Pp. 3 - 12. Waverly Press, Baltimore.
- BURTON, A. C. Research in applied physiology of the cold. Revue Canadienne de Biologie. Vol. 16, 1957. Pp. 293 - 301.

Department of Biophysics, cont'd

FROESE, G. Effect of breathing O₂ at one atmosphere on the response to cold in human subjects. Journal of Applied Physiology. Vol. 13, 1958. Pp. 66-74.

INCH, W. R. The measurement of oxygen tension by polarography with microelectrodes. British Empire Cancer Campaign Annual Report. Vol. 35, 1957. P. 163.

PATEL, D. J. and BURTON, A.C. Active constriction of small pulmonary arteries in rabbit. Circulation Research. Vol. 5, 1957. Pp. 620 - 628.

ROACH, Margot R. and BURTON, A.C. The reason for the shape of the distensibility curves of arteries. Canadian Journal of Biochemistry and Physiology. Vol. 35, 1957. Pp. 681-690.

Department of Medical Research

CARROLL, K.K. Digestibility of individual fatty acids in the rat. Journal of Nutrition. Vol. 64, 1958. Pp. 399 - 410.

CARROLL, K.K. Effect of cerebrosides preparations on excretion of fecal cholesterol. Circulation. Vol. 16, 1957. Pp. 497.

CARROLL, K.K. Effect of erucic acid on incorporation of acetate -1-c¹⁴ into cholesterol and fatty acids. (Abstract). Federation Proceedings. Vol. 17, No. 1, March 1958.

CARROLL, K.K. Preparation of erucic and nervonic acids labelled with carbon-14. Canadian Journal of Chemistry. Vol. 35, 1957. Pp. 757-760.

CARROLL, K. K. and NOBLE, R. L. Influence of a dietary supplement of erucic acid and other fatty acids on fertility in the rat. Sterility caused by erucic acid. Canadian Journal of Biochemistry and Physiology. Vol. 35, 1957. Pp. 1093 - 1105.

Department of Medical Research, cont'd

- CARROLL, K. K. and NOBLE, R. L. Sterility in the rat following the ingestion of diets containing erucic acid. Revue Canadienne de Biologie. Vol. 16, 1957. P. 473.
- CARROLL, K. K. and RICHARDS, J. F. Factors affecting digestibility of fatty acids in the rat. Journal of Nutrition. Vol. 64, 1958. Pp. 411 - 425.
- CUTTS, J. H. Cytodiagnosis in cancer of the cervix. Canadian Medical Association Journal. Vol. 78, 1958. Pp. 825 - 830.
- CUTTS, J. H., BEER, C. T., NOBLE, R. L. Effects of hematopoeisis in rats of extracts of vinca rosea. (Abstract). Revue Canadienne de Biologie. Vol. 16, 1957. P. 508.
- ENGEL, C.R. and JAHNKE, H. Steroids and related products. X. 17 α -bromoprogesterone, a new potent gestogen. Canadian Journal of Biochemistry and Physiology. Vol. 35, 1957. Pp. 1047-1055.
- ENGEL, C. R., and NOBLE, R.L. Concerning the progestational activity of 21-halogenated progesterones. Endocrinology. Vol. 61, 1957. Pp. 318 - 321.
- JUST, G. and ENGEL, C.R. Steroids and related products. IX. The introduction of the delta 11-double bond.1. Journal of Organic Chemistry. Vol. 23, 1958. Pp. 12 - 15.
- MURRAY, E. G. D. In quest of obscurities in bacterial infections. Canadian Medical Association Journal. Vol. 76, 1957. Pp. 1057-1064.
- NOBLE, R. L. Hormonal regulation of tumor growth. Pharmacological Reviews. Vol. 9, 1957. Pp. 367-426.
- NOBLE, R. L. and CARROLL, K. K. Failure of corn oil to prevent testicular lesions caused by erucic acid in the rat. (Abstract). Federation Proceedings, Vol. 17, 1958. P. 118.

Department of Medical Research, cont'd

PATERSON, J. C., and DERRICK, J. B. D. Comparison of total cholesterol levels in blood serum with lipid concentrations in human coronary arteries. Canadian Journal of Biochemistry and Physiology. Vol. 35, 1957. Pp. 869-880.

PATERSON, J. C. MILLS, Jean, and MOFFAT, T. Vascularization of early atherosclerotic plaques. A.M.A. Archives of Pathology. Vol. 64, 1957. Pp. 129 - 136.

RAMSAY, A. G., PATERSON, J.C., and LEWIS, J.A. The effect of estrogens on congestive failure and cardiac hypertrophy in hypertensive men. Canadian Services Medical Journal. Vol. 13, 1957. P. 89.

RICHARDS, J. F. and CARROLL, K. K. Factors affecting digestibility of fatty acids in the rat. (Abstract). Revue Canadienne de Biologie. Vol. 16, 1957. P. 473.

Department of Microscopic Anatomy

BARR, M. L. Cytologic tests of chromosomal sex. Progress in Gynecology. Vol. 3, 1957. Pp. 131-141.

BARR, M. L. Discussion of paper "The fine structure of cells by A. F. Howatson and A. W. Ham." Canadian Journal of Biochemistry and Physiology. Vol. 35, 1957. Pp. 563 - 564.

BARR, M. L. Dysgenesis of the seminiferous tubules. British Journal of Urology. Vol. 29, 1957. Pp. 251 - 257.

BARR, M. L. Nuclear sex. Science. Vol. 126, 1957. Pp. 1187-1188.

BARR, M. L. Symposium on nuclear sex. Canadian Medical Association Journal. Vol. 77, 1957. Pp. 1137 - 1138.

Department of Microscopic Anatomy, cont'd

- BEATTIE, Lillian M. Testicular dysgenesis: Report of two cases. Canadian Services Medical Journal. Vol. 13, 1957. Pp. 469 - 479.
- BUCK, R. C. Electron microscopy of arterial endothelium. Circulation. (Abstract). Vol. 16, 1957. P. 484.
- BUCK, R. C. Fine structure of arterial endothelium. Anatomical Record. (Abstract). Vol. 130, 1958. Pp. 452 - 453.
- BUCK, R. C. The fine structure of endothelium of large arteries. Journal of Biophysical and Biochemical Cytology. Vol. 4, 1958. Pp. 187 - 190.
- BUCK; R. C. and BARR, M. L. The fine structure of the choroid plexus in relation to the production of CSF. Anatomical Record (Abstract). Vol. 130, 1958. P. 396.
- BUCK, R. C. and HEAGY, F. C. Uptake of radioactive sulphur by various tissues of normal and cholesterol-fed rabbits. Canadian Journal of Biochemistry and Physiology. Vol. 36, 1958. Pp. 63 - 69.
- HAGGAR, R. A. Behaviour of the accessory body of Cajal during axon reaction. Journal of Comparative Neurology. Vol. 108, 1957. Pp. 269 - 283.
- HAGGAR, R. A., BROWN, E. L., and TOPLACK, N. J. Histoplasmosis in Southwestern Ontario. Canadian Medical Association Journal. Vol. 77, 1957. Pp. 855-861.
- MOORE, K. L. and BARR, M. L. The sex chromatin in human malignant tissues. British Journal of Cancer. Vol. 11, 1957. Pp. 384 - 390.
- MOORE, K. L., GRAHAM, Margaret A., and BARR, M. L. The sex chromatin in the bovine freemartin. Journal of Experimental Zoology. Vol. 135, 1957. Pp. 101 - 125.

Department of Microscopic Anatomy, cont'd

THOMPSON, B. K., HAGGAR, R.A., and BARR, M. L. The accessory body of Cajal in nerve cell nuclei of the cat. Journal of Comparative Neurology. Vol. 108, 1957. Pp. 253 - 267.

Department of Obstetrics and Gynaecology

KINCH, R. A. H. and ROY, R. B. Qualitative evaluation of fibrinogen. Obstetrics and Gynaecology. Vol. 10, July 1957. Pp. 63-67.

WEARING, M. P. Induction experience in a general hospital. Canadian Medical Association Journal. Vol. 79, 1958. Pp. 28-31.

Department of Paediatrics

RATHBUN, J. C. Rectal bleeding in infants and children. The Journal - Lancet. Vol. 78, March 1958. Pp. 86 - 90.

RATHBUN, J.C., PLUNKETT, E.R., and BARR, M.L. Diagnosis and management of sex anomalies. The Pediatric Clinics of North America. May 1958. Pp. 375-396.

ROBINSON, H. M. C., and RATHBUN, J.C. The determination of galactose in small amounts of blood. Canadian Journal of Biochemistry and Physiology. Vol. 35, November 1957. Pp. 935 - 943.

ROBINSON, H. M. C. and RATHBUN, J. C. Electrophoresis of free sugars in blood. Science. Vol. 127, June 27, 1958. Pp. 1501 - 1502.

VALENTINE, G. H. Exchange transfusion in the newborn using heparinized blood. Canadian Medical Association Journal. Vol. 78, June 1958. Pp. 927 - 931.

Department of Pathological Chemistry

HOUCK, J. C. and PEARCE, R. H. The effect of substrate size upon hyaluronidase action. Biochimica et Biophysica Acta. Vol. 25, 1957. Pp. 607 - 613.

HOUCK, J.C. and PEARCE, R. H. The mechanism of hyaluronidase action. Biochimica et Biophysica Acta. Vol. 25, 1957. Pp. 555 - 562.

Department of Pathology

FISHER, J. H. Haemangiopericytoma. Presented at annual meeting, Ontario Association of Pathologists. Toronto, October 18, 1957.

FISHER, J. H. Haemangiopericytoma. Presented at Medical Staff meeting, Victoria Hospital, December 5, 1957.

FISHER, J. H., with BRIEN, F.S. Cirrhosis of liver associated with transfusional siderosis. 27th meeting, Royal College of Physicians and Surgeons of Canada, Montreal, October 18, 1957.

FISHER, J. H. and BRIEN, F. S. Linitis plastica carcinoma of ileum. Presented at meeting, Western Ontario Internists, October 9, 1957.

FISHER, J. H. and SMITH, I. H. An investigation of abnormal uterine bleeding. Canadian Medical Association Journal. Vol. 77, 1957. P. 1118.

FISHER, J. H. and THOMPSON, R.B. Primary amyloidosis. Canadian Medical Association Journal. Vol. 78, 1958. P. 264.

Department of Pharmacology

GOWDEY, C. W., LOVEGROVE, T.D., and STEVENSON, J.A.F. Effect of adrenalectomy and ganglionic blockade of the cardiac responses to acute experimental anemia. Revue Canadienne de Biologie. Vol. 16, 1957. P. 486.

Department of Pharmacology, cont'd

GOWDEY, C. W., KILBORN, R. M. and STEVENSON, J.A.F. Treatment of hemorrhagic shock in the dog with chlorpromazine and/or hypothermia. Canadian Journal of Biochemistry and Physiology. Vol. 35, 1957. Pp. 1241 - 1248.

GOWDEY, C.W., SLATER, P. E., and STAVRAKY, G.W. Changes in pressor effects of adrenaline and noradrenaline induced by altered ventilation and by simulated altitude. Proceedings of the Canadian Federation of Biological Societies - First Annual Meeting, Kingston. June 1958, Pp. 21 - 22.

LOVEGROVE, T. D., GOWDEY, C. W., and STEVENSON, J.A.F. Sympathoadrenal system and response of heart to acute exchange anemia. Circulation Research. Vol. V, November 1957. Pp. 659 - 663.

WAUD, R. A. The actions of isocorydine and their counteractions by other drugs. Proceedings of the Canadian Federation of Biological Societies. Vol. 1, 1958. P. 52.

WAUD, R. A. The effects of hemorrhagic shock, reinfusion and drugs on the cardiac output, blood pressure, heart rate, TPR and the microscopic circulation of the dog. Proceedings of the Canadian Physiological Society - Annual Meeting. 1957, P. 62.

WAUD, R. A. Effects of Pentolinium Tartrate on blood pressure, heart rate, cardiac output and microscopic circulation of the dog. Federation Proceedings. Vol. 17, March 1958. P. 418.

WAUD, R. A. Author of section on prescription writing and drug preparations. Pharmacology in Medicine, 2nd edition. Edited by Victor A. Drill. 1958. McGraw-Hill Book Company, Inc.

Department of Physiology

BERNARDIS, L. L., MONTEMURRO, D. G., and STEVENSON, J. A. F. Effects of carbohydrate, fat, protein and carrots on the survival of rats subjected to simulated altitudes. Proceedings of the Canadian Federation of Biological Societies. Vol. 1, 1958. P. 6.

Department of Physiology, cont'd

LANSING, A. M. and STEVENSON, J. A. F. Mechanism of action of norepinephrine in hemorrhagic shock. American Journal of Physiology. Vol. 193, 1958. Pp. 289-293.

LANSING, A. M. and STEVENSON, J. A. F. The standardization of stress in the production of hemorrhagic shock. Canadian Journal of Biochemistry and Physiology. Vol. 35, 1958. Pp. 1085 - 1092.

MONTEMURRO, D. G., BERNARDIS, L. L. and STEVENSON, J. A. F. Metabolic reactions to stress of simulated high altitudes. Proceedings of the Canadian Federation of Biological Societies. Vol. 1, 1958. P. 36.

MONTEMURRO, D. G. and STEVENSON, J. A. F. Weight loss and metabolic rate of rats with lesions in the lateral hypothalamic feeding and drinking centers. Proceedings of the Canadian Physiological Society 21: 41, 1957 and Revue Canadienne de Biologie. Vol. 16, 1957. P. 501.

RAMAPURAM, G.M., METCALFE, E.V., STEVENSON, J.A.F. and HOBBS, G.E. A clinical trial of the epinephrine-mecholyl test in a mixed group of psychiatric patients. Canadian Psychiatric Association Journal. Vol. 3, 1958. Pp. 94-100.

RIXON, R. H. and STEVENSON, J. A. F. The effect of tonicity and metabolism on the electrolytes and water of rat diaphragm in vitro. Quarterly Journal of Experimental Physiology. Vol. 42, 1957. Pp. 346 - 356.

SEGUIN, J. J., FRETZ, N.A., and STAVRAKY, G. W. Convulsability of semidecerebrate and corpus callosotomized animals. Federation Proceedings. Vol. 17, 1958. P. 145.

SEGUIN, J. J., FRETZ, N.A., and STAVRAKY, J. A. F. Convulsive activity in corpus callosotomized and semi-decerebrated white rat. Proceedings of the Canadian Physiological Society 21: 54, 1957, and Revue Canadienne de Biologie. Vol. 16, 1957. P. 514.

- SEGUIN, J. J. and STAVRAKY, G. W. The effects of barbiturates on partially isolated regions of the central nervous system. Canadian Journal of Biochemistry and Physiology. Vol. 35, 1957. Pp. 667-680.
- STEVENSON, J. A. F., DERRICK, J. B. HOBBS, G. E. and METCALFE, E. V. Adrenocortical response and phosphate excretion in schizophrenia: comparison of catatonic and paranoid schizophrenic men and normal men. American Medical Association Archives of Neurology and Psychiatry. Vol. 78, 1957. Pp. 312 - 320.
- STEVENSON, J. A. F., MONTEMURRO, D. G. and BERNARDIS, L. L. Effect of drug and diet on hypothalamic hyperphagic rats. Federation Proceedings. Vol. 17, 1958. P. 156.
- STEVENSON, J. A. F. and RIXON, R. H. Environmental temperature and deprivation of food and water on the spontaneous activity of rats. Yale Journal of Biology and Medicine. Vol. 29, 1957. Pp. 575 - 584.

Department of Psychiatry and Preventive Medicine

- BUCK, Carol W., National health insurance to include six provinces. U.W.O. Gazette. March 15, 1957. P. 5.
- FAULDS, G. E. The company doctor. The Business Quarterly, (U. W. O.) Vol. 22, 1957, Pp. 201 - 207.
- GREGORY, I. W. G. An analysis of familial data on psychiatric patients; parental age, family size, birth order, and ordinal position. British Journal of Preventive and Social Medicine. Vol. 12, 1958. Pp. 42 - 59.
- HOBBS, G. E. (Discussion Leader). Teaching potential of mental hospitals. Mental Hospitals. Vol. 9, 1958. Pp. 51-53.

Department of Psychiatry and Preventive Medicine, cont'd

HOBBS, G. E., STEVENSON, J. A. F., BUCK, Carol W., and METCALFE, E. V. Physiological changes in schizophrenia. Max Reiss, Ed. Psychoendocrinology. 1958. Pp. 129 - 137. New York, Grune and Stratton.

JOHNSON, F. G. Grand ward round Westminster Hospital, London, Ontario. Canadian Services Medical Journal. Vol. 13, November 1957. Pp. 673 - 678.

LAUGHTON, Katherine B., BUCK, Carol W., and HOBBS, G. E. Socio-economic status and illness. Milbank Memorial Fund Quarterly. Vol. 36, No. 1, January 1958. Pp. 46 - 57.

WANKLIN, J. M., EGENER, K. M., BUCK, Carol W., and HOBBS, G. E. A comparative study of elderly mental hospital patients and residents of homes for the aged. Journal of Gerontology. Vol. 13, No. 1, January 1958. Pp. 60 - 69.

TROIS-PISTOLES SUMMER SCHOOL

LEGAULT, Rolland. La manie de monsieur Roupilleur. L'Instruction Publique, January 1958, Pp. 374-5.

The following articles by Rolland Legault appeared in L'Ecole Canadienne. Louis Fréchette, October 1957, Pp. 121-126; Adjutor Rivard, November 1957, Pp. 193-197; Frère Marie-Victorin, December 1957, Pp. 262-267; Octave Crémazie, January 1958, Pp. 347-353; Thomas Chapais, February 1958, Pp. 424-429; Mgr. Félix-A. Savard, March 1958, Pp. 495-501; Robert Choquette, April 1958, Pp. 563-569; Chan. Lionel Groulx, May 1958, Pp. 643-649.