

THE UNIVERSITY OF WESTERN ONTARIO

London - Canada

REPORT OF THE PRESIDENT AND VICE-CHANCELLOR

to

THE BOARD OF GOVERNORS AND THE SENATE

For the Academic Year

1951/52

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REPORT OF THE PRESIDENT AND VICE-CHANCELLOR

FOR THE YEAR 1951/52

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

It is a pleasure to submit to you my annual report for the year ending June 30th, 1952, this being the fifth report so presented since assuming the office of President and Vice-Chancellor on July 1st, 1947.

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All of you are vitally concerned with the problems of education. All of you, through your participation in educational matters, whether as members of the Board or as members of the Senate, individually and collectively, are essential factors in moulding Canada's future.

The pendulum swings in the field of education in exactly the same way as it does in all other social fields -- the forces which influence social changes do not leave untouched the mechanics of education. They influence even the fundamentals of education. Just as our general philosophy changes as a result of changing social conditions so too does our personal philosophy undergo subtle modifications. Education is both a general and a personal philosophy.

But these social changes which are taking place are only relative -- some are good, others may not be, but we, as people, can change them if we so desire, if we have the strength of determination, the vision to give leadership, and the wisdom to reject that which is unworthy. The problem of providing a true education is a difficult one; the problem of providing a general education at university level and at the same time of meeting the demands for specialized education, in the interests of the students themselves, of the people of Canada, and of the country as a whole, is almost insurmountable -- but not quite.

The process of so-called higher education begins, in an arbitrary sense only, when the products of the secondary schools enter the universities. And although the universities see some of the end-products of the secondary school educational system, they see by no means the majority of them and not always the best of them. We in the universities have the knowledge, as well as the right, to speak in rather harsh terms of the lack of vocabulary of our incoming students. We cannot help but be aware of their inability to express themselves. We feel for them in their inexperience in the common social graces. We feel for them in their inability to apply themselves and to take advantage of the opportunities which are being offered to them. We criticize them for their lack of self-discipline. But we are proud of these very same students after two or three years in our universities. We compliment ourselves on the great advances made by these students in their essay-writing; we are pleased with ourselves when we see that they are beginning to think for themselves; we are happy when in a seminar, a class-discussion, or at a student banquet, a senior student presents his subject clearly,

with logic, with a freely-flowing vocabulary aptly sprinkled with quotations from Plato, Shakespeare, Disraeli or Gladstone; and we are more than likely to wear a patronizing smile as we act as patrons for a student function and see one of the "products of our secondary schools" stand at the head of a receiving line with all of the assurance of a socialite, with all of the graciousness of a diplomat, and with all of the glibness of a demagogue, receive his guests and make them welcome.

Are not these things part of the process of education? What then are we criticizing? Are we being critical of the student, or of his home, or of the educational system? Or are we forgetting that we are, as university teachers, twenty, thirty or forty years older? Or have we failed to remember that the primary and secondary school system of education is designed basically for the great majority of our young people who do not enter universities and not for the minority who do proceed into the colleges and universities of this country? That realization should be significant and although, from the university's point of view, it is easy to prove to our satisfaction that the secondary school system is not perfect, we take refuge in the thought, assume superiority of purpose, and complacently continue to "teach" -- as though that were the equivalent of "learning" -- to "lecture" -- as though that were the equivalent of a stimulating discussion, and to present pre-digested factual information for subsequent regurgitation by the student.

We have no reason to criticize the products of our secondary schools, we have no reason to carp at the secondary school system of education, until we have analyzed our own university system of education and recognized and dealt adequately with the flaws, the failures, the traditional prejudices and practices, and the vested interests within that system. It could be that our proneness to criticize another system is an indication of our inability to see and cope with the problems of our own system. Have we even attempted, in a serious, concerted fashion, to define or even to establish the basis of general or liberal education? We decry the lack of interest, on the part of students, for the honours courses yet do we not recall that we have been "teaching" these same students in our own University for at least a year before selection of an honours course or continuation in the general course is required of them. Some academic and personal soul-searching would undoubtedly pay great dividends.

When we have cleansed our academic souls, when we have established our educational policy, when we have instituted those things which will make us truly an institution of higher learning, when we have earned the right, as a family of scholars, as productive thinkers and as stimulating teachers, to be designated as a university, then and only then can we meet the challenges of changing social and industrial conditions and raise our voices as leaders in a troubled and frustrated world. Power and greed and materialism do not lessen the opportunities for the universities to be vital factors in everyday living. Indeed these same forces accentuate the need for liberal education on the one hand and technical and professional education on the other, and offer limitless opportunities to us and to all others who are sincerely concerned with education and Canada.

That we have at least been giving this matter some thought, but not yet seriously enough, is evinced by the work of the University College Long-term Planning Committee and the Faculty of Medicine Planning Committee --

admittedly dealing chiefly with material things; the Advisory Committee to the School of Business Administration -- which is enunciating policy in the field of education for business; the Advisory Committee to the School of Nursing -- which is translating its policy decisions into actual curricula changes; and the University College Academic Policy Committee whose work, in time, should have a profound influence on our total concept of higher education and the role of education in our community and national life.

This is no easy task. This cannot be accomplished in a hurry. It is an evolutionary process. The changes which may be effected will be the result of the thinking, the planning, the philosophies, the compromises, the desires, the wisdom, the vision and the determination of many people within the University. But change, simply for the sake of change, is a denial of wisdom. And we must guard against the detours of expediency, which if taken unwittingly or to satisfy a "pressure group", may lead to disaster guised in the cloak of assumed progress. An opportunity may be here today. Procrastination, vested interests, and lack of vision can insidiously undermine progress. Progress is unusual in any situation where everyone agrees.

I think that almost everyone admits that the study of the literature of one's native tongue is fundamental in that person's education. At the same time almost everyone sighs with despair at the lack of appreciation which our young people exhibit with respect to the "good books". One such chastising educator wrote as follows: "It is to be deplored, -- that the reverence for our best books seems to have decayed in almost the same ratio as their cheapness and plentifulness has increased. Like all our other best blessings, their very commonness blinds us to their true value, so that they do not carry that weight and authority with them they deserve, ---; I make bold to say that the literature of the sixty or seventy years that embrace the names of Shakespeare, Bacon, Hooker, Taylor, Milton and a few others carries upon it deeper and more abiding marks of influence and spirit than the literature of any subsequent era, -- with the great majority, the duty of reading has gradually degenerated into the pleasure of it. We seldom sit down to a book as our forefathers used to do, when books cost a deal of money, with the deliberate view of getting profit and instruction out of it; we seldom read with a definite object, but for the most part merely to stop up, with pleasure to ourselves, the gaps that occur in the intervals of business. With a large class, the case is even worse - a class of readers ill to define - who live as if all their lives they were waiting for a train, and who take up a book, as they take up anything else, merely 'pour passer le temps'."

If we haven't ourselves thought or said such things we have certainly heard others express themselves in that manner. But those words which I have just quoted were not written this year nor last year -- they were written on May 1st, 1862! The "good old days" when "education was education", and which many now would welcome back, were criticized by those living at the time as being inferior to the "good old days" which, in turn, lay behind them. We must remember that we are now living in the latter half of the twentieth century!

Education -- its philosophies and its mechanics are interesting things. The pendulum keeps on swinging! It is our responsibility to see that the pendulum of education gives leadership to the times.

Not so many years ago the members of the University Faculty were responsible almost solely for undergraduate teaching. A few were subsequently engaged in Summer School work or as examiners, in various capacities, for the Department of Education. Student enrolment was not great -- life was not too hectic. But now and to an ever-increasing degree are the members of the staff responsible not only for undergraduate teaching but also for the very demanding graduate work, mounting research programmes, expanding Summer School and Extension commitments, and committee work both within and outside the University. Members of the staff are serving, giving time and thought and expending energy on committees, committees and committees -- Faculty committees, University committees, scientific committees, committees of the Learned Societies, committees of Provincial agencies, committees and boards of Dominion agencies, on editorial boards of learned journals, on councils, foundations and panels at provincial, federal and international levels. As knowledge expands, as the tempo of living accelerates, the demands upon the time of the University people increase. The preparation and presentation of papers, the public speaking and other engagements coincident with good university public relations add to the exhaustion of the members of the university. The facts are quite different than most people realize.

These things are important. Someone must do them. The community at every level, is turning more and more to the University for assistance, and the demands upon the Faculties and Faculty members grow and grow. But the cost to the University, in order to provide the services of such people to all of the worthwhile activities, and at the same time to meet all of its primary responsibilities to its undergraduate and graduate students, increases and increases. Giving leadership in so many fields of medicine, business administration, nursing, natural sciences, social sciences and humanities is accepted as an inherent obligation by the members of the Faculty of the University. A university is no longer just a teaching institution.

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Many honours have come to various members of the Faculty and to outstanding graduate students. Such recognition is gratifying not only as personal honours to the individuals concerned but also as evidence of the status of the University in the many fields of learning. Our sincerest congratulations are extended to these men and women who have brought additional credit to themselves and to the University.

It is a pleasure to extend our thanks to the members of the Victoria Hospital Trust and to Dr. Carman Kirk, the Superintendent of Victoria Hospital and the War Memorial Children's Hospital, to the Sisters of St. Joseph and Sister Fabian, the Superintendent of St. Joseph's Hospital and St. Mary's Hospital, to the Minister, Deputy-Minister and Director General of Treatment Services of the Department of Veterans' Affairs and to Dr. Clement MacLeod, the Superintendent of Westminster Hospital, to the Salvation Army and to Major Marion Neill, the Superintendent of Bethesda Hospital, to the London Health Association and to Dr. William C. Sharpe, the Superintendent of the Beck Memorial Sanatorium, to the Minister and Deputy Minister of Health and to Dr. George Stevenson, the Superintendent of the Ontario Hospital, London, and to the Superintendents and Members of the Board of Parkwood Hospital, of the McCormick Home for Aged People, and the various orphanages in the city. In these hospitals and institutions, the medical students and students of the

University School of Nursing receive their clinical instruction. They are indispensable parts of the University teaching programme. The University appreciates very much the courtesies and privileges extended to the members of the Faculty and to the students by those hospitals and institutions.

The University is most grateful too, to the Health Department of the City of London, to the Victorian Order of Nurses, the various County Health Units and to the many other organizations and people who give so readily of their time and efforts to assist, so specifically, in the total teaching programme of the University School of Nursing.

Indeed in almost every phase of university life great assistance is given by many persons who participate willingly and earnestly in the education of our students. Members of clergy, representatives of business, industry, and commerce, municipal officials, leaders in health and social agencies, members of various professions, outstanding civil servants and representatives of the people in the Legislative Assemblies and Parliaments add to the understanding and knowledge of our students through participation in intra-mural and extra-mural activities. Appreciation of the problems and pleasures of everyday living in a free-enterprise, competitive society is a privilege enjoyed by our students. Western is not an "ivory-tower".

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All of us are familiar with the work of the Governor General's Awards Board, granting as it does awards to Canadians for prize-winning books of various categories. But in the autumn of 1950, Mr. F. E. D. McDowell, the Chairman of the Awards Board pointed out that recognition was not being given for other phases of Canadian literature. The Board of Governors of this University, established three President's Medals to be awarded annually for the best work in each of the following classifications: the general article, the single poem and the short story.

It was only proper that Western should offer this recognition because of its avowed interest in periodical publication, manifested by the existence of the Department of Journalism, and in creative writing, by the existence of such a course in its Department of English Language and Literature.

The judging was surrendered to the Governor General's Awards Board and the following procedure was mutually agreed upon. In the University there would be a sifting committee for the material submitted in each classification. It would be the duty of this committee to read all the material submitted and to select from it several of the best items. These would in turn be sent to the judges, one of whom would always be a member of the University faculty and chairman of the sifting committee. The remaining two judges would be appointed from outside the University by the Governor General's Awards Board.

For the year 1951, 211 articles were submitted, 65 poems, and 56 short stories -- certainly a gratifying number for the first year. The large number of articles submitted indicated that the classification was too broad because the scholarly or academic article had little chance in competition with the article of wider appeal.

When this situation was called to our attention it was immediately agreed that for succeeding years the general and scholarly articles should be separated and a President's Medal given in each of these classifications.

The first medals were presented, in the presence of His Excellency the Governor General of Canada at the annual dinner of the Canadian Authors' Association at the Hotel London on Friday, June 27th. The winners were Farley Mowat (the short story), Blair Fraser (the article), and Earle Birney (the poem).  
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Learning should not be considered as a compartmentalized acquisition of knowledge. Learning and knowledge are both independent of departmental structures. Acknowledging the practical necessity of relatively small academic and administrative organizations within the University the dangers of excessive departmentalization must nevertheless be recognized. Fortunately indeed, the trend towards major interdepartmental collaboration at Western is very evident. Departmental barriers are becoming increasingly less significant and the University becomes stronger.

Mention was made in a previous report of the joint course in biochemistry, physiology and biophysics, and the increasing integration of the teaching of Medical History in several of the departments of the Faculty of Medicine. One could add that there are no departments within the School of Nursing nor within the School of Business Administration where departmentalization might be expected. Within University College, as I reported previously, the group of departments known as the Humanities Group, have effected greater understanding through discussions and integrations. A new honours course in English and Philosophy has added breadth of knowledge through intimate collaboration of the two departments. Rather than specifically listed honours courses in the Romance Languages there is now a Modern Language course wherein students may select two "major" languages and a "minor" language. Geophysics is not a department nor a special "course" - it is an integrated study of subjects between the Geology and Physics departments.

The Science Service Laboratory on our campus, although a Federal Government Laboratory is almost an integral part of the University. Several members of its staff have been appointed Honorary Lecturers in various University departments where they participate in advanced teaching and research supervision. Several of our graduate students are privileged to pursue their research problems within the Science Service Laboratories, the Director of which is now an Honorary Professor of Chemistry in University College.

The teaching of the students of Music Teachers' College is unique. The College, as an affiliated college, teaches all of the music courses, while University College provides all of the instruction in the liberal arts subjects -- the students taking their classes in regular attendance with the students of University College. A series of lectures on art, architecture and sculpture given each year by a member of the Department of English, and a comparable series on music given by a member of the Department of German, are integrated with the courses given in several departments and are examples of the spirit of cooperation existing between the departments. The establishment of a steroid chemistry laboratory, supported by the Department of Medical Research, but housed in the Department of Chemistry, and with the

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personnel taking an active part in the teaching and other activities of the latter department, is a further example of this significant trend which finds many senior men teaching and working in departments other than their own. The Students, the Staff and the University all benefit.

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The advent of Federal Aid to the universities of Canada, to which I referred at length in my last report, has made a tremendous difference to Western. The substantial assistance to the universities and colleges gave new hope in the solution of the problems occasioned by inflation. The policies of the Board of Governors in the utilization of Federal Aid were framed in terms of statements by the Prime Minister that the objective of the grants was to maintain the quality of staff and working conditions so essential to the universities in the discharge of their obligations to the people of Canada.

It is a very real pleasure to express to you, Mr. Chairman, and through you to all of the members of the Board of Governors the very sincere thanks and appreciation of the vast majority of the members of the University for significant increases which were effected in salaries and wages again this year. In continuing the policy of utilizing every possible dollar for salary and wage increases -- a policy which has been most appreciated during these financially difficult years -- you have emphasized again and again the tremendous significance of people -- the people who are the University. And too, on behalf of those men and women who serve so faithfully, I would like to take this opportunity of expressing our gratitude to you, to the Chancellor, to the members of the Board of Governors, and to the members of the Senate for the interest which all of you have shown in the University, and for the amount of time and energy which you have all given on its behalf. Your contributions have been essential.

It is a pleasure too, to express, once again, our deep appreciation of the splendid support, both moral and financial which we receive from the Corporation of the City of London. The good-will and financial aid given by the citizens of Western Ontario and especially by the Councils of Middlesex, Huron, Elgin, Kent, Lambton, Perth and Norfolk Counties is not only acknowledged, but is very greatly appreciated. The Province of Ontario generously, in addition to its significant maintenance grant, made a special capital grant to Western, as it did to the other Ontario universities -- a grant, in our case, of \$400,000.00. Our sincere thanks are expressed to the Province of Ontario.

Throughout the year many grants-in-aid of research, many donations of money, books and other gifts were received and to all of these donors and friends of the University we extend our thanks not alone for the gifts and the donations, significant as they were, but as well for the thoughts and interest which accompanied them.

And for the future? The future with respect to Western is not easy to foretell. It appears most likely, however, that during the next few years student enrolment will increase. The great increase in the number of students in the primary and secondary schools in Western Ontario undoubtedly will have

a marked influence on our registration a few years from now. Perhaps 1956 will see the beginning of this new major trend. I would hope that an addition to the stock-space of the Library and a permanent enlarged Dining Hall will be available before that time. These new facilities are extremely urgent now. And so too is additional academic space in University College and in the Faculty of Medicine building. The future of the University itself is just as great as our wisdom, our judgment and our vision permit it to be.

### THE SENATE

Report of the Secretary - Miss Helen M. Allison

During the academic year 1951-52 the University Senate held two meetings, one in January and one in May.

The Senate empowered the University to hold five Convocations during that period, the 152nd to the 156th held in the University's history. At those Convocations eleven honorary degrees and eight hundred and nineteen other degrees and diplomas were conferred or awarded. One Convocation was held in Huron College at the time of the official opening of the new buildings there. Three others were held in Thames Hall and one other in the McIntosh Building.

The honorary degrees conferred were:

- Doctor of Laws:       The Honourable Louis Breithaupt, Lieutenant-Governor of Ontario.  
                          Dr. F. J. H. Campbell, some-time Dean of the Faculty of Medicine.  
                          Mr. Donald Gordon, President of the Canadian National Railways.  
                          Dr. G. C. Hale, some-time Professor of Medicine.  
                          Mr. Arthur G. Hooper, Director of Secondary School Education, Ontario Department of Education.  
                          Mr. W. A. Mather, President of the Canadian Pacific Railway.  
                          The Honourable Dana Porter, some-time Minister of Education in the Province of Ontario.  
                          Mr. Chester Walters, Deputy Minister of Finance in the Province of Ontario.  
                          Sir John Wilson, Curator of the King's Stamp Collection.
- Doctor of Letters:    Thomas B. Costain, Canadian author of history and historical romances.
- Doctor of Divinity:  Reinhold Niebuhr, on the recommendation of the Huron College Council.

The Chairman of the Convocation Committee, Professor Frank Stiling, deserves commendation for his supervision of all the details involved in these ceremonies.

During the academic year under review, the members of the Senate approved and adopted:

1. A degree course for graduate nurses. This course contains less science and more general education than form part of the standard B.Sc.N. course for those students who have recently emerged from the secondary schools.
2. A regulation to permit a student to repeat his year's work if he has failed to pass two-thirds of it at the first attempt.
3. Minor changes in the Home Economics course to exclude Sociology and require additional Home Economics work in the final year.
4. Plans for the celebration of the University's Seventy-fifth Anniversary, to be held at the time of Founders' Day, March 7th, 1953.
5. Terms governing the awarding of the degree of Master of Clinical Science in specified fields of postgraduate clinical training in the Faculty of Medicine.
6. Terms governing the awarding of cum laude standing in the Faculty of Medicine, to require Grade A standing in only the four years of Medicine proper and not in Pre-Medicine.
7. Recommendations to award degrees, certificates and diplomas to 830 candidates in 1951-52.
8. Honorary degree lists for March, May and October, 1952 and 1953.
9. Recommendations that University medals be open to students in the affiliated colleges whose Honours papers are marked by the Faculty of University College, providing they head their classes and obtain First Class Honours standing.
10. Resolutions of thanks and appreciation to Mr. H. B. Galpin, the Reverend P. J. Pocock, and Principal A. H. O'Neil, for their wise and tactful contributions to the decisions of the Senate during their years of membership in it, combined with regrets at their resignation.

The Senate withheld approval of recommendations concerning an Honours course in English, History and Philosophy, pending further specific plans for an Honours course in liberal arts.

A new Senate took office at the Convocation meeting in May, 1952, after the Secretary had consulted appointing and electing bodies regarding their members for the 1952-54 biennium.

The new members will be:

Warden Robert R. Barber, representing Waterloo County Council  
Dr. Murray L. Barr, the Faculty of Medicine  
Very Reverend Dean Brown, Huron College Council  
Principal W. R. Coleman, Huron College Council  
Dr. C. A. Harris, the Faculty of the School of Nursing  
Mr. W. H. Jack, the Secondary School Principals  
Dr. R. B. Liddy, the Faculty of University College  
Dr. John D. Ralph, the Faculty of Arts and Science (all colleges)  
Mr. Wm. Rogers, Sarnia City Council  
Mr. Lewis L. Sinclair, The Owen Sound City Council  
Mr. C. F. Washington, the Secondary School Principals  
The Reverend L. A. Wemple, the Alumni of St. Peter's College  
Lt.-Colonel D. B. Weldon, the University Board of Governors

Resignations were received from Principal A. H. O'Neil of Huron College, Mr. W. T. Ziegler of Kitchener-Waterloo Collegiate, Mr. H. B. Galpin of Sarnia, Dr. R. S. Murray of Stratford and the Reverend J. H. Pocock of St. Peter's College, the first three because of promotions which took them out of this district, and the latter two because of ill-health.

Dr. Kingston has just retired from Senate and other responsibilities after twenty-eight years of continuous membership in the former.

Other former members who have been replaced are the Very Reverend George Luxton, Bishop of Huron, President J. H. O'Loane of Assumption College, Harvey C. Goos of Waterloo County Council, Dr. R. G. E. Murray of the Medical Faculty, Dr. C. C. MacLeod of Westminster Hospital, Alderman John M. Stirling of St. Thomas, Mr. Alan S. Stewart of Owen Sound, Professor A. H. Johnson and Mr. W. L. Duffield.

The percentage of members present at each meeting has been high and interest has been keen.

#### THE REGISTRAR'S DEPARTMENT

Report of the Registrar - Helen M. B. Allison

The report for 1951-52 completes the seventh decade of this University's history and from the standpoint of seventy-five years of growth is more interesting than usual. In the first decade, only 88 degrees were conferred by the University, whereas in 1951-52 alone there were 830 degrees and diplomas awarded, and 6,478 in the ten years from 1942 to 1952. The degrees conferred and the certificates and diplomas awarded by decades are as follows:

Decade	Years	Convocation	Degrees	Certificates and Diplomas	Total
1	1882-1892	1st - 14th	88	0	88
2	1892-1902	15th - 32nd	151	0	151
3	1902-1912	33rd - 56th	320	0	320
4	1912-1922	57th - 72nd	358	17	375
5	1922-1932	73rd - 89th	1452	92	1544
6	1932-1942	90th - 115th	2880	157	3037
7	1942-1952	116th - 156th	5832	648	6478

Over the period therefore from the first Convocation in 1882 to the 156th Convocation in June 1952, 11,079 degrees were conferred and 913 certificates and diplomas awarded -- a grand total of 11,992. It is interesting to note that more than one-half of the total graduates received their degrees, certificates or diplomas during the past 10 years.

In 1951-52 new students enrolled to the number of 1,546, a gain of 125 over the previous year; the net enrolment of all students showed a gain of 88.

The percentage of full-time students in Honours courses this year was 24.25% in all colleges in the Faculty of Arts and Science and the Graduate School combined. In University College alone, the percentage was 34.25% in Honours courses, when the graduate students were included, or 30.30% without them. An article by the Registrar in The United Church Observer, urging increased enrolment in Honours courses, received kindly comment from students and prospective students and has been reprinted in School Progress. The Farmers' Advocate has also asked permission to reprint it, which means that the ideas expressed there concerning Honours courses will reach a large number of people interested in college education.

The photographic equipment for transcripts, installed in the Department about a year ago, has been a real boon to the Registrar's staff for speeding the delivery of transcripts, for providing copies of original certificates and other documents (especially in foreign languages), for reproducing maps and illustrations for some examinations, for copying some material for the University Library, and for providing copies of complex drawings and graphs for the theses of graduate students in science.

The Registrar appreciated the opportunity to visit other colleges and universities in the spring and to invite registrars of Ontario institutions to hold a meeting here this Fall. The results should show some improved policies and procedure in every Registrar's Office. The staff of this one is very much interested in cooperating in the arrangements for such a meeting.

The summary of registration for the University is presented in Appendix A. It shows that within the Faculty of Arts there are no students registered in Alma College, 851 in Assumption College, 33 in Huron College, 19 in Music Teachers' College, 53 in St. Peter's College, 2615 in University College, 125 in Ursuline College and 226 in Waterloo College comprising a total in the Faculty of 3922. In the Faculty of Medicine there are 289 registered students, in the School of Nursing, 49, and in the School of Business Administration, 202. Of the total, 4462 there are 1495 women and 2967 men students.

The Dean of the Faculty of Graduate Studies will deal more fully with the work of that Faculty but it should be pointed out here that there were a total of 185 graduate students enrolled for the session 1951-52. Of these 90 were studying in various departments in University College, 57 in the School of Business Administration and 38 in the Faculty of Medicine. Of the 185 graduate students 17 were women and 168 were men.

It is always of interest to review the geographical sources of the students at Western -- with its unique responsibility for the higher education of the people of the 14 counties of Western Ontario. Of the total, 4462 registered students, 3,019 (67.6%) came from the 14 charter counties, with 792 (17.7%) from the City of London; another 1,048 (23.4%) were residents of other parts of the Province. Thus a total of 4,067 (91%) of Western's students came from the Province of Ontario.

Naturally students from other Provinces were in attendance -- Alberta 18, British Columbia 19, Manitoba 19, New Brunswick 10, Newfoundland 3, Nova Scotia 14, Prince Edward Island 3, Quebec 38, Saskatchewan 37 and, in addition, one from the North West Territories. There were 233 students registered whose homes were outside of Canada, 192 of them being from the United States and chiefly in attendance at Assumption College, 9 from various parts of the British Commonwealth other than Canada, and 32 students from almost as many different countries.

Thus Western continues to provide educational opportunities for the people of the charter counties, recognizes and accepts its provincial and national responsibilities and provides, as well, an international flavour which is as stimulating as it is beneficial.

In each of the reports during the past five years special mention has been made of the occupation of the students' parents. The comment that "Western is a rich man's University" has so often been heard in many parts of Canada, that it is most desirable, once again, to present the facts as we know them. Naturally, with the great majority of our students coming from Western Ontario and hundreds more from other parts of Ontario, the high economic level of the Province and particularly that of Western Ontario would be reflected in many of the homes from which our students come. That is part of our heritage of free enterprise in this country. But once again in 1951-52, as it has been for many years, the percentage of students whose parents are gainfully employed in agriculture comprise the largest single group (702 or 15.6%). The next largest group, essentially the same as agriculture, are those students whose parents are engaged from the smallest to the largest type of manufacturing (697 or 15.5%). The third largest group are those students who list their parents as being employed in the trades (439 or 9.8%) and if to this group were added unspecified labour (93 or 2%), custom and repair (123 or 2.7%),

domestic and personal service (107 or 2.5%), transportation including communication (236 or 5.4%) a total of more than 22% is obtained!

At the same time students coming from "professional" homes are significantly fewer - teaching 3%, doctors, dentists, optometrists, laboratory technicians 5%, law 1%, clergy 2%, artists, musicians, engineering, entertainment, publication, social service 4.7%, municipal, provincial and federal public services 5.7%.

All of the other occupation categories together, unspecified business, construction, finance, fishing, lumbering, mining, and those whose parents are deceased, comprise a total of 21% of our student body. Can there be any doubt that Western typifies democracy in higher education? (See also the report of the Dean of Men.)

The students of the University represented 23 religious denominations; 23.4% of the students were Roman Catholic; 1.9% were Hebrews; 1 student was a Buddhist, and the remaining 74.7% were of the Protestant faith in 20 different denominations.

During the year (1951-52) five Convocations were held - the 152nd on September 19th, 1951, the 153rd on October 26, 1951, the 154th on November 9th, 1951, the 155th on March 7th, 1952 and the 156th on May 31st, 1952. The degree of Doctor of Laws was granted to 9 distinguished men, the degree of Doctor of Letters to 1 and the degree of Doctor of Divinity to 1. The degree of Doctor of Philosophy was awarded to 13 candidates, the Master of Science degree to 26, the Master of Business Administration degree to 14 and the Master of Arts degree to 20. The degree of Doctor of Medicine was granted to 60 successful students of the Faculty of Medicine.

In the Faculty of Arts and Science, the degree of Bachelor of Arts was awarded to 473, the Bachelor of Science to 36, the Bachelor of Science (Laboratory Assistant) to 9, and the Bachelor of Divinity to 2. Sixty-three students of the School of Business Administration received their degree of Bachelor of Arts and 16 students of the School of Nursing received their Bachelor of Science Nursing degree. In addition 87 candidates were awarded certificates or diplomas in Business Administration (22), Music - Conservatory (26), Public Health Nursing (16), Instruction in Nursing (19) and Music - Music Teachers' College (4).

A total of 743 degrees and 87 certificates and diplomas were thus awarded.

THE SCHOOL OF BUSINESS ADMINISTRATION

Report of the Dean - L. W. Sipherd

The Undergraduate School

A total of eighty-one students entered the third year of the School of Business Administration, representing a substantial increase over the entering class of the previous year. This brought the total enrolment to just under one hundred and fifty students, the largest enrolment the School has ever had. The facilities of the new School proved adequate to meet the demands of an undergraduate student body of this size, but it became obvious that an increase substantially in excess of this number would strain our classroom capacity and possibly result in a split of the third year class into two divisions.

A course in Purchasing was introduced into the undergraduate curriculum at the fourth year level, representing the only change of consequence for the year.

The Graduate School

There was a substantial decline in enrolment of the first year of the Graduate School resulting from the cessation of DVA financial assistance. Even with this decline, there was a total of forty in this class. It may be of interest for me to point out that these forty students came from eighteen Canadian universities and colleges while there was one from the United States and one from Yugoslavia.

The second year of the graduate programme sustained a 100% increase over the previous year, a total of sixteen men undertaking to qualify for their MBA degree in June, 1952.

Research Programme

Under the heading of case research, an appropriation was made to carry on during the summer of 1951 a programme under the direction of Mr. Ready and with the assistance of two senior students. Case research activities were largely concentrated in the field of finance. In January 1952, an appointment of a full-time MBA graduate of the School was made to conduct case research in the fields of Business Policy and Public Relations.

The Division of Research also developed, during the year 1951-52, an "Executive Poll", a programme designed to gather opinions from a great many Canadian business executives on timely subjects. In the annual report of the Division of Research on the Poll, the statement was made that invitations were sent out to a total of 480 firms selected in a random manner. There was a 40% response and in the final analysis, a total of 212 agreed to act on the panel.



### The Business Quarterly

Under the able leadership of Mr. Ladd and Miss Norsworthy, the Business Quarterly was given a new life and underwent a face-lifting during the course of the year. Circulation was substantially increased and the quality of the product much improved. As a result, the financial position of The Quarterly was almost completely reversed from that of the previous year.

### Special Activities of Staff

Professor Taylor conducted during the winter a special course put on for the Investment Dealers Association of Canada, London Branch. He also served as first speaker on a panel of businessmen discussing "Business Income" before a selected group of senior financial officers of Canadian companies at a meeting in Quebec. He also participated with other staff members in a forecasting problem for a large Canadian manufacturing company which had asked the School of Business Administration for collaboration. In April 1952, Professor Taylor was appointed a member of a special committee brought together by the Department of National Defence to examine the organization and establishments of the Royal Canadian Air Force. Professor Taylor is a member of the Committee on Accounting and Auditing Research of the Canadian Institute of Chartered Accountants.

Professor Fox and Professor Ladd were appointed to conduct a special study of the operation of the London and Port Stanley Railway.

Dr. Brant Bonner was chairman and organizer, University of Western Ontario Section of the American Society for Quality Control. The first year membership was 71 persons from 35 firms. Dr. Bonner also did some consulting work in the form of establishing a statistical Quality Control programme at John Labatt Limited. He also designed and had built for this firm an examiner (light box for bottle inspection) incorporating four features not found in commercially available examiners. Established procedure for evaluating inspector efficiency, determining optimum speed in bottle examination, and the drawing of fatigue curves.

Additional consulting work on forecasting, price policy, market analysis, and taxation problems, was also done by Dr. Bonner. Dr. Bonner delivered a paper before the Toronto Section, American Society for Quality Control at the University of Toronto entitled, "The Theory of the Control Chart" and participated in the Panel Discussion-Michigan Section, American Society for Quality Control at Wayne University on "Quality Control Problems".

### Industrial Relations Conference

In May, 1952, the School undertook for the first time to hold a conference on Industrial Relations. Invitations were sent to a number of business firms in Eastern Canada, where it was felt that the Industrial Relations divisions were well organized and the response to the invitation was most gratifying. A total of forty-five men attended the three-day session and on the basis of their reactions expressed in a number of letters written us after the close of the conference, it would appear that the programme filled an important need.

The Fifth Management Training Course

The fifth annual Management Training Course session will be held in August 1952. A total of ninety-five men have been enrolled in the course, being drawn from total applications of approximately one hundred and fifty. A reorganization of the programme, involving a stepping up in time allotted to group study sessions will likely produce desirable results.

According to a statistical study of the 1952 class prepared by the Director of the course, Professor Thompson, the ninety-five men will represent twenty-seven types of businesses. The average age is approximately forty and the occupational and geographical breakdown of the group appear as follows:

<u>Occupational</u>		<u>Geographical</u>	
Supervisory	20	Ontario	57
Sales	18	Quebec	23
Production	16	Manitoba	5
Technical	9	British Columbia	4
General Executive	8	Saskatchewan	2
Personnel	7	U. S. A.	1
Finance	6	Nova Scotia	1
Accountant	6	Alberta	1
Purchasing	3	Saudi Arabia	1
Advertising	1		
Lawyer	1		
	—		—
	95		95

Placement Activities

The Placement Officer of the School handled through the facilities of his office a total of seventy-four students seeking employment. Sixty-eight of these men were placed by the Division, the balance obtaining employment on their own initiative.

A total of fifty-one companies sent representatives to the School during the year to carry on personal interviews with the students. During the period November 1951 to May 1952, five hundred and twenty-seven separate interviews were held at the School. Twelve of these companies failed to employ anyone. In addition to the above companies sending representatives to the School, forty-one other companies carried on negotiations by correspondence which resulted in the employment of six School graduates.

U. W. O. LIBRARY

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FACULTY OF GRADUATE STUDIES

Report of the Dean - R. A. Allen

In the academic year 1950-51 the enrolment of 206 students in the Faculty of Graduate Studies was the largest in the history of the University. The enrolment in 1951-52 showed a slight decrease to 192. With the graduation of most of the veterans a larger decrease was anticipated and the maintenance of such a high level of registration is gratifying. The reputation of the University is indicated by the fact that in this Faculty there were registered graduates from 31 universities in addition to Western. The list includes most of the Canadian universities, as well as several in the United States and Europe.

It was pointed out in the report of last year that because of limited staff or laboratory space, several departments would be forced to restrict the registration of graduate students. This has been done and it accounts in part for the decrease noted. In respect to numbers the Faculty of Graduate Studies has probably developed as far as it can and should with the present staff strength.

During the past year 73 advanced degrees, including 13 Ph.D.'s, were conferred, as compared with 57, including 7 Ph.D.'s in 1950-51. It is encouraging to note that 21 different departments were represented but unfortunately, as in undergraduate registration, the Humanities and some of the Social Sciences do not receive a satisfactory proportion of students.

FACULTY OF GRADUATE STUDIES

1947-48 - 120; 1948-49 - 169; 1949-50 - 174; 1950-51 - 206.

1951 - 1952

Arts and Science	97
Business Administration	57
Medicine	<u>38</u>
	<u>192</u>
<u>Arts and Science</u>	
Botany	7
Chemistry	11
Classics	1
Economics	4
English	1
Geography	7
Geology	2
German	1
History	4
Law	2
Mathematics	1
Philosophy (including 4 Assumption)	9
Physics	14
Psychology	17
Zoology	<u>16</u>
	97
	—

FACULTY OF GRADUATE STUDIES

Degrees granted 1951-52

October 1951 and May 1952

Ph.D.	- 13	1 Biochemistry
		2 Medical Research
		1 Pathology
		1 Pathological Chemistry
		1 Pharmacology
		2 Physics
		3 Physiology
		2 Zoology
M.Sc.	- 26	2 Anatomy
		2 Biochemistry
		3 Botany
		6 Chemistry
		4 Geography
		2 Geology
		1 Medical Research
		1 Physics
		3 Physiology
		1 Surgery
		1 Zoology
M. A.	- 20	1 Classics
		5 Economics
		1 English
		2 History
		2 Philosophy
		9 Psychology
M.B.A.	- 14	14 Business Administration

THE UNIVERSITY LIBRARIES

Report of the Librarian - J. J. Talman

The most significant event of the past year was the retirement of Miss Ethel Sullivan from the Medical Library after thirty-one years of faithful and loyal service. When Miss Sullivan was appointed the Medical Library could scarcely be said to exist. The present collections of books and journals stand as evidence of her indefatigable industry. Many extensive and complete runs of journals were built up over the years by duplicate exchange and consequently were not a drain upon the University budget.

Miss Barbara Wilson has been appointed to succeed Miss Sullivan. She is a graduate of the University of Western Ontario and has a B.L.S. degree from the University of Toronto Library School. She has also taken the special course for medical librarians offered by Columbia University. Miss Wilson is endeavoring to carry on the traditions of her predecessor. As a daughter and granddaughter of the medical profession Miss Wilson brings to her task an attitude which it would be difficult to duplicate in the field of medical librarianship.

The remaining members of the Medical Library staff are Miss Irene Johnson, a graduate of the University of Toronto and of the Library School who has had some experience in the personnel department of the Bell Telephone Company, and Miss Isobel Sim, also a graduate of the University of Toronto, who was transferred from the General Library.

Miss Ella Moderwell, after seven years of service in the General and Medical Libraries resigned to get married.

Miss Eleanor Lucy returned from Columbia University where she secured her M.S. in Library Science.

Mrs. Margaret Millman, a graduate of McGill, who for the past year was on the part time staff of the General Library, has been appointed to the regular staff in the place of Miss Isobel Sim.

Accessions

A university library must depend to a large degree on the recommendations of faculty members if the book and journal collections are to be maintained at a high standard. The past year has seen many worthwhile recommendations, and few books have been bought which will not stand the test of time. It must be emphasized that when budgets are limited (and regardless of size no budget ever seems to be adequate) careful scrutiny of all recommendations against the yardsticks of potential use and permanent value must precede every purchase.

Following the policy of previous years, certain runs of important Canadian newspapers, available on microfilm, have been purchased. These files

will be of lasting value for research in Canadian history, economics and journalism.

During the year, with money made available by the COTC Memorial Fund, it has been possible to continue to build up an important military library. After searching for some years we were able to locate and purchase certain missing volumes of Fortescue, A history of the British Army. Our set is now complete.

Some years ago Professor Fred Landon, in an effort to round out the regional history of Western Ontario, began collecting histories of British regular regiments which served in London and other military stations in the fourteen counties. The collection grew slowly as histories listed in second-hand catalogues were secured. A special effort this year and the cooperation of an English bookseller have combined to bring in all known histories of this type dealing with the regiments concerned which were still lacking from our collection.

Over the past twenty years the General Library has built up an extensive credit of several thousand volumes on its exchange account with the Library of Congress. The Librarian of Congress has generously agreed to send us in partial return all the volumes of the official history of World War II now being published by the United States government. The series when complete will have a value in the neighbourhood of one thousand dollars. Medical volumes in this series will be deposited in the Medical Library.

Net accessions in the General Library for this year exceed those of 1950-51 by one volume. Purchases increased somewhat but donations were down. In spite of this decline books donated still totalled 1,483. Books received by exchange increased by almost 200 to a total of 424. Accessions in the Medical Library increased by over 200 volumes. Volumes in the libraries and reading rooms of the University now total 195,779.

#### Circulation

There has been a gratifying increase in the Reserve Book Room circulation although the figures have not risen to what they were some years ago. Part of the increase was brought about by transferring from the Main Reading Room additional volumes which lend themselves to Reserve Book Room circulation. But the increase, particularly notable in books taken out over night, did not reduce the Main Reading Room circulation a corresponding amount. In total General Library circulation there was a net increase.

Outside circulation at the Medical Library increased, but there was a decrease in reading room circulation. Altogether the general decline in circulation, experienced in recent years, seems to have been checked.

Interlibrary loans continue to increase. Conservatively it may be estimated that the interlibrary loan services of the General and Medical Libraries combined take the time of more than one full-time staff member. Since many of the requests involve some research in bibliographical sources, this work cannot be entrusted to an inexperienced person.

Gifts

Although the Medical and General Libraries have not organized formal groups of Friends of the Library, well known in some of the larger American university libraries, there does exist a large, though unorganized group, which literally is made up of friends of the library. The following donors of money and books are evidence of the continued support which the libraries receive from generous benefactors.

The following donations of money were received by the Medical Library:

Academy of Medicine, London . . . . .	\$ 75.00
College of Physicians and Surgeons of Ontario . . . . .	200.00
Percy Johns Memorial Fund . . . . .	35.00
Rogers Memorial Fund . . . . .	25.00

Gifts of volumes were received from Mrs. N. Alexander, Dr. G. R. Bourne, Dr. S. Busby, Dr. A. Douglas, Dr. W. Haslett, Major Hogarth, Dr. G. W. Manning, Mrs. W. Martin, Mrs. G. Ramsay, Dr. St. C. Wilson, all of London, from Dr. MacL. Harris, Ottawa, and Dr. L. Williams, Sarnia, and from the estate of the late Dr. E. G. Davis, London.

Fifty individuals or organizations made presentations of one book or more to the General Library. A group of students and friends presented forty-seven modern French titles in memory of Jack Roderich Spalding (1928-51) an undergraduate in the University. Mrs. Franklin C. Coombs of Fort Erie, presented the fine classics library of her husband who graduated from the University in 1927. Dr. Lloyd Stevenson enriched the Canadian literature section with two volumes associated with Charles G. D. Roberts and William Wilfred Campbell. Professor B. E. Shore added to the works in Russian language and literature which he has been presenting over the years. Mr. F. E. D. McDowell contributed to the library's collection of popular juvenile literature of some years ago by presenting sixty-one volumes by G. A. Henty. Subsequently he added further volumes and has instructed the library to add needed volumes to the collection at his expense when they appear in second-hand catalogues. Mr. Ross Beharriell added to the collection of the works of Arthur Stringer which he is building up for the library. Mr. J. E. Keays continued to present numbers of The Auk and the Journal of Mammalogy as he has done for many years.

Accessions to the Regional History Collection were as follows: Mrs. Rose E. Clarke, of Michigan, gave diaries covering the years 1880-90 kept by her husband, Charles Clarke of Elora, one-time Speaker of the Ontario Legislature. Mrs. W. R. Jowett, Bayfield, presented a rare map of the County of Huron by R. W. Hermon, dated 1862. Mr. G. W. Geddes, London, gave a copy of the Historical Atlas of Huron County. Mr. William Ross Peirson, London, secured for the Regional Collection diaries of John Peirson, Port Elgin, who died in 1934. They are diaries for the years 1888, 1892-1919, 1921-5 and 1927.

Publications

The General Library continued to issue its quarterly publication, Western Ontario Historical Notes, and its occasional publication, Western Ontario History Nuggets. The former is now in its tenth volume and plans are being made for the preparation of a ten year index. During the year the first of three installments of the diary of William Pope appeared as Nugget No. 16.

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Nugget No. 17 was the reminiscences of Silas Burt, an engineer who was engaged in the building of the Great Western Railroad in the Woodstock-Paris area. The publication of records such as these is a real contribution to knowledge and to the history of the University's constituency. That the publications are considered of value is evidenced by the continued requests from libraries and individuals for back numbers and files of both the Notes and Nuggets.

For many years it has been the custom of the General Library and the Medical Library to issue an annual list of accessions for distribution to members of the faculty. This practice was continued. Notices of new books are sent to the departments interested as soon as the books are catalogued, but the annual list is designed to provide a picture of all major accessions.

#### Staff Activities

Miss Catherine Campbell compiled an extensive bibliography of works and journal articles bearing on French and English heritages in Canada as revealed in writings of the present century. Miss Campbell also compiled a preliminary list of government publications for business research in Canada for use in the School of Business.

Miss Eleanor Lucy served on the Government Document Committee of the Ontario Library Association.

Miss Ethel Sullivan completed several years work on the membership committee of the American Medical Library Association.

Miss Lillian Benson was elected second vice-president of the Ontario Historical Society.

Plans were laid for an exhibition of British text books to be displayed in Canadian university and college libraries in the spring of 1953. The librarian has undertaken to handle the Canadian end of the work for the British Council.

The annual meeting of the Ontario Library Association was held on the University campus in May. The Local arrangements were administered by a committee headed by Mr. R. E. Crouch and the librarian, but as most of the meeting space and all the residential accommodation was provided by the University, the entire library staff carried most of the burden.

#### Accommodation

In view of the statements made in previous reports, it is unnecessary to stress the need for additional stack space in the General Library and reading room and stack space in the Medical Library. The stacking provided by the Board of Governors during the summer of 1951 and erected in the aisles of the General Library stack room relieved the pressure but slightly, and were quickly filled. Additions to the stacking in the Medical

Library will take care of expansion for a short time but the space is definitely limited. Reading room accommodation in the Medical Library is a crying need.

In conclusion I must pay tribute to the loyal support of all members of the Library staff. Both the libraries are particularly fortunate in the part time staff members, many of whom have served for several years.

### HURON COLLEGE

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

#### Students

There were 55 students registered in theological courses or proceeding thereto. Of these, 35 were resident in the College. 112 non-Divinity men registered in Medicine, Business, Arts, etc. and lived in the College residence. Nine University students not proceeding to a title at Huron College were registered in courses given by the College.

#### Faculty

Dr. A. H. O'Neil resigned as Principal of the College in the spring of 1952. The Rev. W. R. Coleman, Dean of Divinity at Bishop's University, Lennoxville, P. Q., was appointed to succeed Dr. O'Neil, effective September 1952.

Professor R. K. Harrison was appointed Professor of Hebrew at University College, which office he carries along with his professorship in Old Testament Language and Literature at Huron College. The University of London will confer on him the Degree of Doctor of Philosophy for research in the field of Biblical Medicine.

#### Opening of the New College

The new College was officially opened on Friday, November 9th, 1951 at 8 p.m. by the Most Reverend John Lyons, M.A., D.D., Archbishop of Ontario. Chancellor A. R. Ford, LL.D., presided at a Special University Convocation and conferred the Degree of Doctor of Divinity (Honoris Causa) on the Reverend Professor Reinhold Niebuhr, M.A., S.T.D., LL.D., of Union Theological Seminary, New York. Dr. Niebuhr addressed Convocation.

#### Graduates

The following students completed the requirements for the Title of Licentiate of Theology prior to the Convocation on Friday, May 16th: J. E. M. Birtch, B.A., J. C. Fricker, B.A., L. C. Raymond, B.A., I. L. Robertson, B.A.

#### Convocation

The Huron College Convocation was held on Friday, May 16th at 8 p.m. in Convocation Hall, Huron College. The Rt. Rev. W. L. Bagnall, D.D., was the Convocation speaker.

ST. PETER'S SEMINARY COLLEGE OF ARTS

Report of the Rector - Msgr. A. P. Mahoney

During the year the resignation of the Reverend J. H. Pocock from the Seminary faculty because of ill health was announced with the deepest regret. Father Pocock first became associated with the Faculty of Arts and Science in 1920 when he was appointed Professor of Philosophy in Ursuline College. At the same time he began teaching Church History in the Seminary. From 1923 on, when the Arts course was introduced at St. Peter's, he was a member of the Department of Philosophy in this College. Since 1920 he has served almost continuously as a faculty representative on the Senate of the University, and for many years was Registrar at St. Peter's. His retirement from the teaching staff is sincerely regretted, not only by his colleagues but also by the students and alumni.

The Reverend Mark J. Wildgen was granted leave of absence from the Seminary for further graduate study at the Collegio Angelico in Rome.

Again, as in former years, the accommodation for students at the Seminary has been taxed to the full, with the result that St. Peter's College can show little in the way of increased registration. Numerous applications from outside the Diocese of London have had to be refused for lack of space.

ASSUMPTION COLLEGE

Report of the President - Father E. C. LeBel, C.S.B.

The College enrolled 851 students, including 4 full-time graduate students, 570 full-time undergraduates and 227 part-time undergraduates. In addition some 110 attended special non-credit courses in Theology and Philosophy offered as an Adult Education Programme, and 38 attended non-credit courses in Slavonic culture. Five candidates obtained B.A. degrees at the fall convocation, and 104 in the spring convocation. These included for the first time graduates in Honours English and Philosophy and Honours History.

Father J. F. Mallon was a delegate to the Inter-American Catholic Educational Congress held in Rio de Janeiro, Brazil, July 25 to August 1, 1951.

The eighteenth annual meeting of the Canadian Catholic Historical Association was held at the College on September 12 and 13. Father D. J. Mulvihill was chairman of the local committee. One of the papers presented by Father L. K. Shook, C.S.B., Ph.D., entitled, "The Coming of the Basilian Fathers to Assumption College", disclosed the previously forgotten fact that the Basilians, in the person of Father Joseph Malbos, were in charge of Assumption College in 1857-58.

Father E. C. Garvey addressed the Renfrew branch of the Ontario English Catholic Teachers' Association on September 30 on the topic "A Critical Analysis of Progressive Education", and the Toronto branch of the same Association on January 26, 1952, on the topic, "An Integral Philosophy of Education". Father Garvey also presented a paper entitled, "Some Contemporary Social Problems", at the annual meeting of the Canadian Manufacturers Pharmaceutical Association, at Dearborn, Michigan, November 19, 1951.

Father C. P. J. Crowley delivered an address on, "The Search for Values in Contemporary Literature", at a meeting of the Detroit Philosophical Society, held in Detroit, Michigan, on February 8, 1952. Father Mulvihill addressed the same body on May 9, using as his topic, "The Historical Background of Eighteenth Century Philosophical Thought".

Father N. J. Ruth attended the annual convention of the American Catholic Philosophical Association in Cleveland, Ohio, on April 15 and 16.

President O'Loane and Dean LeBel were present at the meeting of the Canadian Polish Congress, Windsor, on May 4th.

Dean LeBel, Father J. S. Murphy, Father E. C. Pappert and Father Crowley attended the Canadian Conference of University Teachers of English, Toronto, May 21 to 23. Father Pappert presented a paper on, "Renaissance Poetry and the Orator", and Father Crowley on, "A Contemporary Arthurian Legend, the Work of Charles Williams".

Bishop Nelligan represented the College at the International Eucharistic Congress held in Barcelona, Spain, on May 24 to June 1.

Professor Gilbert Horne attended the annual convention of the Canadian Political Science Association at Laval University on June 4, 5 and 6, and contributed a paper entitled, "Some Problems in Corporate Responsibilities to Their Shareholders".

Father Crowley was nominated by the College a member of the Windsor Library Board, replacing Father F. de S. Flood.

Professor F. A. De Marco was elected Treasurer of the Essex-Kent Branch of the Chemical Institute of Canada.

The College was honoured by a visit of H.R.H. the Princess Elizabeth, Duchess of Edinburgh, now Her Gracious Majesty, and H.R.H. the Duke of Edinburgh, on October 15, 1951. The royal couple appeared with local dignitaries on a dais erected for the occasion immediately south of St. Denis Hall, in view of a gathering estimated at thirty thousand people. The College has as mementos of the occasion the flag-pole erected at that time to carry the royal standard, and the signatures of Their Royal Highnesses in the guest book.

The Faculty and students, including uniformed members of the U.N.T.D. and C.C.T.C., attended a Memorial Service for His late Majesty, King George VI, in Assumption Church on February 10, 1952. His Excellency Bishop Nelligan officiated and Dean LeBel delivered the eulogy.

The Hon. G. Mennen Williams, Governor of Michigan, attended the annual Graduation Banquet, March 13, 1952, and delivered the principal address. The Governor paid particular tribute to the work the College has done over the years to foster good international relations by bringing together Canadian and American students.

The College Dramatic Society produced two Shakespearean plays in St. Denis Hall during the academic year -- "A Midsummer Night's Dream", November 6 to 8, and "Antony and Cleopatra" on April 3 and 4.

The International Student Service has been active on the campus during the past year. John R. A. Atkin, a senior student in Honours English and Philosophy, represented the Assumption Branch of this association at the International Summer Seminar held near Ottawa in July of 1951. To encourage the work of this group, the College donated a scholarship covering full tuition and room to an Indo-Chinese student, Dien Truong-buu, of Giadinh, Viet-Nam. Mr. Truong-buu graduated this May in General Arts.

Father J. S. Murphy directed the eighteenth annual session of the Christian Culture Series. The series included lectures by Bishop Fulton Sheen, Father Leopold Braun, Carlos Fallon, Dr. Karl Stern, Dr. Vincent E. Smith, Maria Osmena, Lucille Vogeler, and Dr. John C. H. Wu, who received the Christian Culture Medal for 1952. Dr. Wu, a former Ambassador of China to the Holy See, is now on the faculty of Seton Hall University. In addition, performances were given by the St. Michael's Cathedral Choristers, the Euzkadi Dancers, Celeste Cole, Elie Spivak, Jeannine Morand, Jan Peerce, the Detroit Symphony Orchestra, the Royal Toronto Conservatory Opera and Players Inc., of the Catholic University of America.

#### WATERLOO COLLEGE

Report of the President - Rev. H. T. Lehmann

During the academic year 1951-52 the Board of Governors authorized the erection of a Teaching and Administration Building. It will be located on the upper part of the campus and will accommodate from 250 to 300 students. It is expected that building operations will get under way in the spring of 1953. Also scheduled for building is a Dining Hall which is to be located between the Residence for Men and the Residence for Women. It will have a seating capacity for 125 persons.

The remodelling of the pioneer building, which first housed the Seminary in 1911, into a residence accommodating 30 women was completed during the past year.

The resignations of the Rev. Lloyd H. Schaus, M.A., B.D., as Dean of the College, and Miss B. Marion Axford as Registrar and Dean of Women were accepted by the Board of Governors with deep regret. Mr. Schaus served as Dean for five years and will continue to serve as Professor of the Old

Testament in the Seminary. Miss Axford served as Registrar and Dean of Women for six years and has now returned to teaching in the high school in her native town of Delhi.

Mr. Charles Carmichael, M.Sc., who served as assistant professor in the Department of Science, resigned in order to accept an appointment to the staff of the University of Western Ontario. Mr. Ellenton, M.Sc., a graduate of the University of Western Ontario and the University of Toronto, has been appointed as his successor.

Dr. H. W. Wright, lecturer in the Department of Psychology received an honorary degree of Doctor of Laws from the University of Manitoba. Dr. Wright was head of the Department of Psychology at the University of Manitoba prior to his retirement from this position in 1948.

Student registration continued on a high level during the year so that additional physical facilities continue to be one of the most pressing needs in order to carry out the academic programme more adequately.

#### URSULINE COLLEGE

##### Report of the Dean - Mother St. James

The year 1951-52 for Ursuline College marked the return of two good professors - Mother Mary Agnes to German and English after a happy recovery of health - and Mother St. Michael with her Ph.D. from Laval to Philosophy and Religion with dynamic vigour to spark receptive students. Mother St. Michael also enters the field of music. This year she has developed a fine choir and special schola which undertook the valuable experience of singing a record for radio. A new member of our staff is Miss Maura Hannan, B.A., who has special charge of the Intensive English class for about fifteen Latin Americans.

Federal Aid to the Universities affecting as it did Ursuline College, and coming in March was a bright ornament to a hard-pressed budget; it should be recorded as our first share of any public fund. Our library immediately took in added volumes; and our general service began payment on a 16 mm. sound movie projector which has helped with programmes, club meetings, and with visiting lecturers.

Baccalaureate Sunday, May 11, 1952, was sunny for the biggest class from Ursuline College. We have grown from seven B.A. candidates in 1923 to thirty-two in 1952. This indicated our thirty years of expansion, increased friendliness, and appreciation of our affiliation. The integration of units has been happy and healthy with remarkable evidence of reciprocity in services. Therefore, on this May 11 nearly one thousand guests from the University and the city, from the limits of Ontario, Michigan, Calgary and Puerto Rico flooded the rooms and the terraces at Brescia Hall after the ceremony at St. Peter's Cathedral. It was an hour to celebrate.

MUSIC TEACHERS' COLLEGE

Report of the Principal - Dr. Harvey Robb

Music Teachers' College has had two years' experience with its present curriculum. The course in general provides the training for practical musical vocations. It combines cultural Arts subjects as a background with various aspects of music teaching superimposed.

At present, the demands made on the student may be considered among the most exacting in the University. In the Arts subjects, no undue burden is placed upon the students. However, the applied music (i.e. instrument practice or singing) makes an abnormal drain on physical stamina and mental concentration coming as it does on top of necessary lecture periods in the Arts subjects. This applied music also makes great demands on the time of certain instructors due to individual instruction and adds materially to the expense of operation. Theory subjects and pedagogy classes present no particular problem but insufficient studio accommodation for individual practice is a real obstacle to an increase in enrolment. Another difficult problem is in adjusting the music time-table to fit the immovable routine of the Arts lectures.

In order to meet the required number of Arts credits demanded for a Bachelor of Arts degree, the credits allowed for music in the combined course are very conservative. Basically, music is the major consideration and a sound standard must be maintained; hence, Music Teachers' College students cover more ground than the allotted credits represent. This is partly eased up due to the fact of a natural aptitude for music peculiar to most of the students.

As time goes on, experience may warrant certain minor adjustments but on the whole we can report a very interested and happy class of students who are successfully measuring up to exacting demands.

An addition to our staff in the person of Mr. Gerald Cole contributes authority of approach to our theory department. Mr. Cole came to us from the Eastman School of Music in Rochester, New York. He has high academic degrees and much teaching experience in institutions in the United States of America. He holds, coupled with our staff duties, the position of organist of St. Paul's Cathedral.

Performances in Convocation Hall by students of the College, augmented by Conservatory performers, measured up to professional standards during the year. Piano playing was demonstrated in concertos accompanied by orchestra. The vocal department contributed to an exciting performance of the opera "Il Trovatore".

DEPARTMENT OF THE DEAN OF MEN

Report of the Dean - Thomas L. Hoskin

Registration figures for the Constituent University in 1951-52 show that 76.7% of the total full-time undergraduate and graduate students were men. These figures may be broken down further to show that 67.3% of the undergraduates and 89.2% of the graduates were men. In the total of approximately 1500 men students there were 88 veterans receiving assistance from the Department of Veterans' Affairs and 3 receiving aid from the United States Veterans' Administration. Veteran enrolment in 1952-53 is expected to drop to about 20, with one or two of these receiving training resulting from service in Korea.

There is a growing feeling that the Department of Veterans' Affairs will some day provide assistance in the education of the sons and daughters of veterans who died in World War II. This will mean a new source of student-aid to enable sons and daughters of deceased veterans to attend university.

The major function of this department is the provision of a programme of student personnel services which will help male undergraduates and post-graduates to meet the many exigencies that develop in the life of a student. Services offered in 1951-52 included counselling, student financial assistance, employment, and housing. This department maintains a fairly complete set of records of every male student in the University. These records are started during the student's first year on campus and all new students are interviewed during their freshman year. Only this initial interview is requested by the Dean and its purpose is to get acquainted with the student and gather the information necessary to set up a student record card. The many other student interviews are voluntary.

It has been encouraging this year to find that a considerable number of high school students either write this department or visit the office to discuss college life in general and sources of student-aid in particular. This trend is undoubtedly the result of successful visits which members of the University staff have made to high schools all over Ontario. It is possible, too, that the Guidance Conference, attended by high school principals and guidance officers, has also had some influence in this direction.

This University can take pride in the success of its efforts to develop a student-aid programme that is complete enough to make it possible for any student with the ability and the desire for higher education to attend this University - regardless of his financial status. Sources of student-aid have been coordinated, new loan funds have been established, and the number of endowed bursaries and scholarships has been increased. In 1951-52, close to 25% of the students received assistance in the form of scholarships, bursaries, grants, and loans which amounted to a total of well over \$100,000. The largest single source of student-aid was the Dominion-Provincial Bursary Fund, without which many students would not be able to attend university.



Some deserving students were able to get along without special awards because the University placement service directed them into highly remunerative employment in the previous summer. Close to 100% of the male students are employed during the summer vacation and at least 85% of these use their earnings to help finance the next academic year. The majority of the men provide at least half of the cost of each academic year without family help. In 1951-52 about 200 students financed their course with little or no financial help from their parents. Unfortunately, many students still have to spend too much time in part-time work. Our programme is by no means complete yet. To achieve our goal, \$100,000. would be necessary as additional capital for our various student-aid funds.

Canadian industry continues to show an increasing interest in the recruiting of university graduates. Many nationally known companies now send representatives to the University each year to hire our graduates. The picture in June, 1952 indicated a shortage of graduates in the Natural and Applied Science fields. This was particularly obvious in the competition for graduates in such courses as Geology, Physics, and Chemistry. For Mathematics too, the supply of graduates was considerably less than the demand. Opportunities for graduates in the Social Science, Humanities, and General Arts courses were good, but the salaries offered were slightly lower than those offered Science graduates. Graduates in Business Administration had so many opportunities available to them that in many cases it was difficult for them to make a selection. In June, 1952 the average salary offered to honours graduates was approximately \$260 a month, with some offers going as high as \$325. The average for non-honours graduates was about \$235 a month. Graduates with Master's degree were offered another \$35 to \$50 a month to start.

Many of the activities of this department would not be possible without the excellent cooperation which has been received from members of the Faculty and Administration. The Dean of Men wishes to take this opportunity to express his sincere thanks for this help which has contributed much to the effectiveness of the student personnel services in the University.

DEPARTMENT OF THE DEAN OF WOMEN

Report of the Dean - Leola E. Neal

In 1950 it was reported that the London Township home of Major-General A. C. Spencer had been purchased by the University and was to be used as a women's residence. The new residence, Spencer Hall, was ready for occupancy in September 1951, and provided accommodation for 67 girls. As a member of the Advisory Committee on Spencer Hall it is my observation that the problems were actually few during the first year - indeed fewer than had been anticipated. The girls enjoyed life at Spencer Hall and adjusted graciously to minor irritations. Mrs. H. F. Struckett, the Warden, Miss Barbara Shaw, the Don, and the hard-working Student Government Association deserve much credit for a successful first year.

Not all of the women students live in residence. A number of them live in homes throughout the city. As secretary of the University Housing Committee, appointed by the Board of Governors, it is gratifying for me to report that suitable living accommodation was found for 679 students, of whom 166 were women. Mrs. Ella Bourne was in charge of the Housing Bureau again this year and the Bureau was in operation from July 30 to October 6.

There were 430 undergraduate women students in University College in 1951-52, a decrease of 21 students over the last year. Of the 92 graduate students in University College, 12 were women.

The women students again this year have made a worthwhile contribution to every phase of university life. They have served the student body as a whole through participation in a wide variety of activities. They have planned and provided for social affairs, served on the executives of clubs and student governing bodies, taken part in "Purple Patches", been active in drama and musical circles, contributed to the Gazette and engaged in athletics.

Every woman student is a member of the Undergraduate Women's Organization. The Council of the organization is interested in the welfare of all women students. It arranged several events during the year: a luncheon for freshettes to which women members of the Faculty were invited, a Splash Party held at the William Melville Spencer Memorial Pool, and the Co-ed Prom. Upper Class women act as "big sisters" to first year students. Their friendliness and cooperation, especially during the first few weeks, often help to dispel the blues and make new students feel at home at Western.

The Panhellenic Council, the governing body of the Greek letter organizations for women on our campus, has had a successful year. Seventy-one girls accepted invitations to join one or other of the three sororities. The total membership in sororities was 123. The sorority residences have been in great demand for club meetings. It was necessary this year to limit the number of meetings held at each residence.

The academic records of the women students on the average have been good. A number of women students have had excellent academic records and have received undergraduate and graduate awards. A number of women students invaded male academic strongholds and did surprisingly well. For example, this year a woman student won the award for general proficiency in second year

Honours Chemistry and Physics.

Personnel and academic counseling continue to be an important function of this Department. Some of the other problems requiring attention were housing, employment, and financial aid for students. Committee work and administration duties are added responsibilities of the Dean who serves on 12 University and professional committees.

### MUSEUM OF INDIAN ARCHAEOLOGY AND PIONEER LIFE

Report of the Curator - Wilfrid Jury

The year of 1951-52 was a particularly active and successful one for the Museum. There were three fields of activity, the Museum proper, archaeological research and the Summer School of Indian Archaeology. The Museum is hampered by an overcrowded condition and lack of space. Even more serious is the lack of assistance, even of a clerical nature. Laboratory work and specimens and the preparation of reports which follow the excavating season suffer as a result.

#### The Museum

The Museum is open daily from October to May, but during the important summer months when Summer School students of the University and the tourist trade should benefit from it, it remains closed, through lack of staff.

In the few months that it is open, we receive many interesting visitors from various parts of Canada and the United States. Students come to study the archaeological specimens and there is a growing recognition of the pioneer collection, particularly the pioneer models. Numerous school, "Y", and church groups from London and vicinity have been received.

At the beginning of the new university year, lectures will be given to students in Canadian History by request of the Department of History. A group of twenty students from these classes will undertake intensive research in the field of Indian archaeology as a part of their History course.

The gun collection is attracting the attention of many of the University students and is growing steadily. It is now known by gun enthusiasts in every part of the country. There is in the collection valuable material for a future gun room.

The most outstanding donation to the Museum was a group of model houses and a saw mill. The archaeological section was increased by several thousands of specimens from the site of St. Louis, a late Huron village site.

### Archaeological Research

Commencing on May 1, the research was conducted at Penetanguishene on the site of a military and naval establishment founded during the War of 1812. We had a twofold purpose - to examine the land of the area and to establish a museum in the one remaining building. This was the former officers' quarters, built in 1830 of cut, quarried stone.

The project was sponsored and paid for by the town of Penetanguishene. We restored the officers' quarters to its original condition, reopened seven bricked-in fireplaces, removed bricks from the firing slots in the walls, and painted, or whitewashed, walls, ceilings and floors of the nine large rooms. Five rooms were refurnished, one large room being set aside to display the 350 pounds of relics that were unearthed.

The museum grew in popularity as the summer passed. It created wide interest locally and attracted hundreds of tourists. Sightseeing buses made regular visits, and several school classes were brought in the spring and fall. Fifteen thousand people signed the visitors' book. It was officially opened on August 21 by The Honourable Fletcher Thomas.

Outside the building, dense underbrush was cut down, many trees and shrubs and an extensive lawn made. Three thousand feet of palisade were traced and numerous brick walls traced and relaid.

The outlines of the soldiers' barracks, 120' x 60', were discovered and all cross walls and fireplaces noted. The cookhouse was found, with a stone lined ash pit cellar which contained over 350 pieces of broken china and crockery. A well-built brick drain from the buildings to the Bay was one of many other finds.

Towards the end of the season, the site was visited by The Right Honourable Louis St. Laurent, Prime Minister of Canada. Other visitors included The Honourable Paul Martin, The Honourable R. H. Winters, the former Lieutenant-Governor Ray Lawson, Dr. W. J. Dunlop, Minister of Education for Ontario, Mr. W. A. Robinson, Member of Parliament for Simcoe East, and Mr. G. G. Johnston, Member of the Legislative Assembly for Simcoe Centre.

At the conclusion of our work we were requested to continue the excavations on the military and naval establishment during the summer of 1953.

The Summer School of Indian Archaeology was held during the first two weeks of July. The growing success of the school is attracting interest throughout Canada. Widespread newspaper and radio notices are acquainting the public with this course, the only one of its kind in Canada.

### Historical Survey

During the first two weeks of November, an historical survey of the district known as Huronia will be conducted by the Curator. Towns and villages from Owen Sound to Crillia will be visited. Plans for restoring and developing points of interest will be discussed with local Chambers of Commerce and town councils. A preliminary report of the survey will be published for the Huronia Historic Sites and Tourist Association. (Since its publication, requests have come from the Canadian Tourist Association for additional copies to be sent to members across Canada and in the United States.)

Publications

(1) The Burley Site. Museum Bulletin No. 9 - A report of an excavation near Port Franks where radio carbon dating was first utilized in Canadian archaeology. The site proved to be 2,600 years old, the earliest yet proved in Canada.

(2) Report of preliminary survey for the Huronia Historic Sites and Tourist Association.

TROIS-PISTOLES SUMMER SCHOOL

Report of the Director - H. E. Jenkin

The 19th session of the School was held between July and August with 129 students in attendance. Fifty-four students were enrolled in the French classes, 63 in the English classes and 12 in the course in Painting.

Mr. Eric Byrd, recently arrived from South Africa, replaced Mr. E. A. Dalton as instructor in painting.

The regular academic and recreation programme was carried out. The Reverend J. J. McCormick, who took French and who has since been appointed secretary to Bishop John C. Cody of London, was a stimulating influence in connection with the students' recreation activities.

Mr. Paul Martin, French consul at Toronto, visited Trois-Pistoles in the company of his wife and the Eudist Father Duperras.

Two parties of R. C. A. F. officers from Central Training Command, Trenton, and the School of English at St. John's, visited the School to observe our methods of teaching English to French-Canadians.

Lieutenant-Commander E. Boule, who was taking preliminary measures to organize the teaching programme at the Navy School of English to be established at Quebec City, also visited the School.

It became evident that tuition fees would have to be raised and the Quebec Government be approached on this matter in respect of the contingent of French-Canadian teachers sent annually to take our courses in English.

SCHOOL OF NURSING

Report of the Dean - Edith M. McDowell

A total of 49 students were enrolled in the Public Health Nursing courses (28), and the course in Teaching and Supervision (21). Of these 14 were enrolled in the B.Sc.N. course and completed their degree work.

Two courses in Psychiatric Nursing were held during the year, one from September to December, 1951 with 18 students, the other from January to April, 1952 with 16 students enrolled.

There were 16 students enrolled in University College taking their first year of our B.Sc.N. programme. Fifty-six students were enrolled in the first, second and third years of the clinical portion of our B.Sc.N. programme. Six students, having completed recognized clinical training and having received their diplomas in Public Health Nursing or in Teaching and Supervision, were enrolled for the purpose of completing their B.Sc.N. degree.

Thus, in summary, 67 students were granted certificates and 17 students were granted degrees.

Advisory Committee

The Advisory Committee to the School of Nursing (appointed 1950-51) convened 5 meetings during the school year.

The Committee continued to review the programme, Public Health Nursing, and devoted its attention to such matters as orientation, field work fees and experience, content of courses. No major changes were suggested which would require Senate approval.

Degree Programme for Graduate Nurses

As noted in the 1950-51 School of Nursing Report to the President, this programme was under review by the Faculties of Arts and Science and the Faculty of the School of Nursing. It was felt that the requirements for degree completion should be modified in the light of the graduate nurse's experience and education in the clinical field.

At its May 1952 meeting, the Senate approved a plan providing for the degree completion by graduate nurses.

Work Conferences:

- (1) A one week Work Conference on the Problems of Public Health Nursing was held in Windsor at the request of the Windsor Board of Health and the Windsor Branch of the Victorian Order of Nurses. Professor Lillian Hudson of Teachers' College, Columbia University, was brought to Windsor to serve as special consultant.

- (2) A one week Work Conference on the Problems of Industrial Health Services was held in Windsor at the request of the Essex-Kent Association of Industrial Nurses. The membership of this Work Conference was composed of Physicians and Nurses in Industry, personnel workers, safety and first-aid workers, etc. Ford of Canada provided accommodation in one of its plants. Miss Bernardine Streigel of the Metropolitan Life Insurance Company, New York, served as special consultant.
- (3) A Work Conference on the Problems of Public Health Nursing was held in London at the request of City of London Health Department and the London Branch of the Victorian Order of Nurses. The membership of this conference was composed of representatives of Nursing Services of City Health Department, Victorian Order of Nurses, Board of Education and other agencies. Professor Lillian Hudson, Teachers' College, Columbia University, served as special consultant.
- (4) At the request of the Director of Nursing Service, Mountain Sanatorium, Hamilton, Miss McLean directed a two-day Work Conference as a part of the on-going programme of Staff Education.
- (5) The Faculty of the School of Nursing continued its policy of using the Conference method in continuing cooperation with the many service agencies which provide field work experience for its students.

#### Civilian Defence:

Two programmes - Nursing in Atomic, Biological and Chemical Warfare - were offered to registered nurses:

A 14-hour programme for nurse practitioners - 100 people enrolled.

A one-week intensive programme for those occupying positions of leadership.

The second programme was planned originally for our own students in Teaching and Supervision and Public Health Nursing. It was felt that enrolment should be expanded to accommodate 100 people. Invitations were sent out to agencies within and beyond London and the Nurse Consultant of the Provincial Civil Defence Division was advised. Fifty nurses from across the Province enrolled, in addition to our own students (49).

#### Dominion Civil Service Commission.

For the past five years, members of the Faculty of the University School of Nursing have served as "technical consultants" on Review Boards at the request of the Dominion Civil Service Commission. During 1951-52 there were 6 Review Boards.

UNIVERSITY HEALTH SERVICE

Report of the University Physician - Dr. Helen Rossiter

General

For the University session of 1951-52 the Student Health Insurance and the Health Service were organized as in the previous year. No changes in accommodation were made and the service was operated on a half-time basis.

Annual Physical Examinations

The annual physical examinations were again conducted in Thames Hall. In the early weeks of the semester a large number of students were advised about the treatment of both minor and major defects found during the physical examinations.

Annual X-Ray Survey

Once again all students (instead of selected groups) were X-Rayed in January. Of 1,986 students and staff X-Rayed, one active case of tuberculosis was discovered. Earlier in the session, however, two other students, when being investigated for ill health, were found to have active tuberculosis requiring sanitarium treatment.

Health Education

Besides the 9-week course of lectures given to all first year students, a 12-week course of lectures was given in Personal and Community Hygiene to P. H. R. E. course 393. Anatomical charts from the Medical School were borrowed for use in both groups of lectures. Films based on the text-book Elements of Healthful Living, were again hired from the Canadian Film Institute.

Insurance

The total number of claims handled by the Health Service Office was 233. The insurance scheme worked very satisfactorily, on the whole, and the Company was most cooperative.

An attempt was again made to expand the policy to include:

1. Consultation and diagnostic services without hospitalization.
2. A higher daily rate for hospitalization, possibly for a shorter period, and a higher rate for special hospital services.



Clinical Work

The service was busy throughout the entire year, despite the absence of major epidemics of any type. The Health Service quarters seemed adequate for the needs of the clinical work. Equipment for the sterilization of small dressings and instruments set up in September, proved most useful.

Statistics

Consultations at the Health Service 2,848

Cases Referred:

General Practitioner	15
Medical	12
Surgical	19
Orthopaedic	6
Ear, Eye, Nose and Throat	49
Genito-urinary	6
Dermatologist	2
Dental	10
Psychiatric	2
Chest Clinic	4
X-Rays	7
Neurological	3

Inoculations and Tests:

Vaccination	12
Diphtheria	9
Tetanus	8
Typhoid	8
T. B. Test	11
Wassermann Reaction	7
A-Z tests	2

House Calls 7

Staff

Excellent service and cooperation were rendered by both the nurses of the Victorian Order of Nurses and the secretary, Mrs. Lawrence.

The Annual Meeting of the American College Health Association in Boston on May 5, 6, 7, 1952 was attended by the University Physician.

The monthly Victorian Order of Nurses board meetings, the monthly

clinical meetings at Victoria and St. Joseph's Hospitals, the monthly meeting of the London Academy of Medicine and of the Section of Anaesthesia of the London Academy of Medicine are attended by the University Physician.

SUMMER SCHOOL AND EXTENSION DEPARTMENT

Report of the Director - S. F. Maine

This was another year of steady progress with the work of the Department being resolved under two major headings:

- (a) Courses leading to degrees.
- (b) Non-credit work of a practical and cultural nature, generally classified as Adult Education.

The courses leading to degrees constituted the major activity of the Department, and were supplied through the Correspondence Division, the Extension Classes and the Summer School.

The Correspondence Division offered courses in Economics, English, French, Geography, German, History, Latin, Philosophy and Spanish. Two hundred and twenty-four students registered, drawn widely from Canada and the United States.

The Summer School is a highly significant segment of the departmental organization. To it come students from across Canada. The policy is to draw the Summer School staff, as largely as possible, from University College and the Affiliated Colleges so the students may have the advantage of the regular university viewpoint and approach to the different subjects and the departments may maintain their standards of work. Five hundred and forty persons were registered in the credit classes with a considerable number of non-credit students also in attendance. Twenty-one courses were offered in Art, Astronomy, Biology, Economics, English, French, Geography, History, Physical Education, Psychology, and Spanish. One class designated as English 46S was a course in Play Production operated in conjunction with The London Little Theatre.

Fifty-four extension classes open to credit and non-credit students were established in 22 centres from Sault Ste. Marie in the West, and Timmins in the North, to Peterborough in the East, and a series of points in Southern Ontario. Seven hundred and sixty-two credit students were registered in these classes. Peterborough, a new centre, had two large classes.

The non-credit work was made up of numerous schools, lecture series, etc. and apart from the single lectures, approximately 1200 persons were registered in such courses, institutes, schools, etc. Some of these activities are here mentioned briefly.

U. W. O. LIBRARY

U. W. O. LIBRARY

Some forty-five talks on current events and world affairs were supplied to the Armed Services as part of their training programme. Staff members visited the R.C.A.F. stations at Aylmer, Centralia, Clinton and Crumlin, and the Army in London.

A six-day Coaching School in Football, Basketball, and Track, was held June 23-28, with an attendance of 17.

The third Agency Management Course was held June 23-27, 1952. Instructors were drawn from the University and Canadian and American Insurance Companies. There was an enrolment of 20.

A series of 90 lectures dealing with Accounting, Company Law, Secretarial Practice, etc., was arranged for the London Branch of the Chartered Institute of Secretaries.

Some 16 persons participated in a French Conversation Class in London. This met weekly throughout the winter season.

A course of eight lectures in Current Events was sponsored in Brantford in conjunction with the Board of Education of that city. There was an enrolment of approximately 60 in the series.

An advanced course in English for New Canadians was offered during the six-weeks period of the Summer School. The class met each evening, Monday through Friday, and 16 persons were enrolled.

While not a regular part of the Summer School, the Film Institute promoted by the Ontario Association of Film Councils held a five-day session on the campus and made use of many of the Summer School facilities. Forty-six persons were in attendance.

Three lecturers were supplied for the Hanna Home and School Club of Sarnia. These dealt with various problems in the field of elementary education.

A course of 15 lectures on Radio Measurements was organized for the Institute of Radio Engineers. Lecturers were drawn from the University, the Institute, and the R.C.A.F. Sixty-eight persons registered.

As for a number of years previously, the Extension Department accepted the responsibility for part of the programme of the Kinsmen Club and supplied 6 speakers.

A two-day Labour School was organized in cooperation with The Canadian Congress of Labour and the London Labour Council. Attendance varied from 50 to 150 per session.

The Director of the Summer School and Extension Department visited the majority of the Normal Schools of the Province during the season and discussed with the students involved the purpose and significance of higher

education. Approximately 1300 students were reached during the year.

A six-lecture series on "Paint Power" was held January 8 to February 12 inclusive. Sixty persons were registered.

A course dealing with problems in Psychiatry and organized to meet the needs of Physiotherapists was continued from the previous year. Twenty-five were registered.

A twelve-lecture series on "Quality Control" was offered, to meet the rapidly developing interest in the application of statistics to industrial problems. Twenty-eight students from a wide variety of industries, registered.

A five-evening series of talks and panels on the principles of selling was offered. One hundred and eleven persons enrolled, and instructors were drawn from selling organizations in London, Toronto, and Detroit.

A two-day Rural Life Conference for representative persons drawn from the Federation of Agriculture, the Farm Forums, Co-operatives, etc., attracted 100 students.

The Department combined with Reliance Petroleum in a two-day School for its selling force.

A new venture was a two-day School (June 23-24, 1952) to consider specialized problems in the fields of Fire and Accident Insurance. Thirty-one students were registered.

The third School of Indian Archaeology was held at Midland, with excavations carried on at Fort Ste. Louis. There were 20 registered students.

The fourth non-denominational School of Religion was held July 3-13, 1951. A staff of eminent persons was gathered and 20 clergy and lay people registered.

As for several years the Extension Department cooperated with the Sarnia Y. M. - Y. W. C. A. by supplying lecturers for the So-Ed Programme. Audiences ranged from 100 to 200.

The Department sponsored and directed four courses of 25 lectures each in Windsor for the Industrial and Cost Accountants Association. There was a total of 55 registrations.

The Extension Department maintains a Speakers' Bureau which for a modest fee, supplies lecturers for Service Clubs, Canadian Clubs, Schools, Church Groups, etc. As in previous years this service was widely used.

The Extension Department was appointed the coordinating body for the University exhibit at the Western Fair in September, 1951.

In conjunction with the educational officers of Westminster Hospital six lectures on a variety of subjects were presented to the patients in the Western Counties' Pavilion. These were considered as part of the therapy, as well as an educational programme.

Cooperation with the oldest continuously existing Workers' Educational Association in Western Ontario was continued during the winter of 1951-52. Thirteen lectures and discussions were carried on by University staff.

#### JOINT McINTOSH COMMITTEE

Report of the Secretary - R. A. Allen

It is the responsibility of the Joint McIntosh Committee to make annual appropriations from the estate of the late Mrs. John Gordon McIntosh and, in accordance with the terms of her Will, to allocate funds for prizes in Business Administration, Geography and Public Speaking, for the promotion of Music and Art in the University, and for the maintenance and use of the McIntosh Gallery.

In each of Business Administration and Geography, four scholarships or fellowships were again awarded to the students obtaining the highest standing in their respective years. It was possible this year to offer from accumulated appropriations an additional scholarship to a graduate student in Business Administration.

The public speaking contests were conducted in the McIntosh Gallery with preliminary contests in each of the four undergraduate years and a final contest for which the two top speakers in each of the preliminaries were eligible. Four prizes were offered in each of the preliminaries and three in the finals. This seems to encourage a larger number of students to participate, as at least sixteen share the awards. Provision was also made for a separate contest for Summer School students. The debating contests were conducted in cooperation with the University Debating Society with the same system of preliminary contests for each year and finals for the winners. Ten students shared the debating prizes. As a result of these contests and the generous prizes offered, there has been a noticeable revival of interest in both public speaking and debating on the campus.

As part of the programme for the promotion of Music, the Joint McIntosh Committee allocated funds for the Support of the University Choir and the Opera Workshop. These are organizations which attract students from all years and all faculties and which, the Committee feels, make a distinct contribution to the cultural life of the University. In both cases, the money was spent almost entirely on the purchase of music which will be a permanent addition to the libraries of the respective organizations. Both had highly successful years under the competent and stimulating direction of Professor Alfred Rosé.

The Committee decided further to offer four tuition scholarships in vocal music. Applications were invited and auditions were held by Dr. Harvey Robb and Professor Rose. The awards were made on their recommendations. Letters received later by the Secretary from the winners testified to their appreciation and to the profit they had derived from the year's tuition.

With the appointment of Mr. B. M. Greene as Honorary Curator of Art, a more ambitious programme has been undertaken for the promotion of Art in the University. In April, 1951, Mr. Greene arranged an exhibition of paintings from his private collection of Old Masters, Italian, Spanish, French, English and Dutch. This was followed in March, 1952, by an exhibition of Eighteenth Century English Masters, the paintings being generously lent by a number of individual friends and public galleries. This exhibition included paintings by Reynolds, Constable, Gainsborough, Romney, Raeburn and others. It was opened officially by Dr. W. G. Constable, Curator of Paintings in the Boston Museum of Fine Arts, who spoke on "The Place of Fine Arts in Academic Studies". Dr. Constable also gave an illustrated public lecture on the work of the English painter, John Constable. The exhibition and Dr. Constable's addresses were the highlights of the season but throughout the academic year Mr. Philip Aziz gave a series of interesting and informative lectures on the history of art. These lectures were given in the McIntosh Gallery and were open to all students and the general public.

During the year 1951-52 one important painting was purchased by the Committee for the Gallery, the "Madonna del Latte", probably by Correggio. This is undoubtedly the finest work the Gallery possesses and is the beginning of a programme of purchase which will gradually build up a collection of the great masters.

#### THE ALBERT O. JEFFERY COLLECTION

Report of the Honorary Curator - J. Howard Crocker

Through the generosity of the late Albert O. Jeffery to the Library of the University of Western Ontario, one of the foremost stamp collections of Canada was given to the University at his death in 1928.

The present Trustees of the collection are -

J. A. Campbell  
Captain Joseph Jeffery  
Dr. Fred Landon  
Dr. K. R. Richardson  
Dr. J. J. Talman  
Dr. J. Howard Crocker (Chairman)

Through the Curator of the Smithsonian Institute in Washington, D.C., we were permitted to duplicate the cabinet which they had found so efficient for their great American Collection.

It was decided to mount and maintain all the stamps of Great Britain, Canada, New Zealand, Australia and the United States of America. The policy adopted was to make the collection of educational and historical value to the University and to preserve for all time a complete record of the postage used in these countries.

The Committee believes in the historical value of recording by special panels of stamps such events as the Queen Victoria Jubilee - Canada's history of Confederation - the Jubilee of King George V - the Coronation of King George VI - the Century of Great Britain and Canadian postage - the World War II Issue. Each marks a great epoch in Canada's development.

Centred around the Jeffery Collection is a great deal of public interest as it is fast becoming a model in its completeness. The addition of the Coronation issue of 1953 will record another great historical event in the Empire and preparation is being made to add this series to the collection.

The Trustees are thus preserving for the future a history of Canadian development as portrayed in the postage of the nation.

In preparation for the Medical School Library, Dr. Ken R. Richardson has undertaken the collection of all the stamps of the various nations that mark the progress in medical science down through the years. Many portraits of the great men in medical history will be preserved in such a collection.

The Trustees have received gifts of stamps and books, and will continue to acknowledge such donations to the collection.

The University was greatly aided in the work of this collection by the generous gift from the Jeffery Estate to supply the cabinet, and assistance in mounting this national philatelic record.

The Trustees are continuing to enlarge and improve this memorial to one of Canada's leading citizens, Dr. Albert O. Jeffery.

OFFICE OF THE COMPTROLLER

Report of the Comptroller - R. B. Willis

Earlier in this Report, comment has been made on the University's finances at the present time. Further details are contained in the Annual Financial Statements and Auditor's Report already distributed to the Board of Governors. Accordingly, these remarks will be confined almost exclusively to the work of the Office of the Comptroller during the year ending June 30th, 1952.

The business side of the University for the year ending June 30th, 1952 once again displayed the growth characteristic of the post-war period. Total current operating expenditures exceeded \$2,305,000.00, an increase of 24.3% for the year, and almost 350% when compared with the total of \$665,000.00 for the year ending June 30th, 1945. It should be remembered too, that the above figures do not include the gross sales of the University's auxiliary enterprises, such as its various Cafeteria operations, Supply Store, Spencer Hall, etc., but only the net financial results of such operations.

Expenditures on account of research from grants-in-aid and contracts provided by outside organizations alone totalled \$581,000.00 for 1951-52, a figure within \$80,000.00 of the total University operating expenditures for 1944-45, and such expenditures increased 47% during the year.

Although full-time enrolment declined slightly, the increase in Summer School and Extension activities, Management Training Course and special courses more than compensated for this in the volume of work required through this office.

At the risk of causing boredom, the following statistics may give some impression of the magnitude of the present business operations of the University. For the year under review the number of purchase orders issued to outside suppliers totalled more than 10,000, an increase of 25% over 1950-51. The number of invoices showed a further increase of 15% and exceeded 16,425, more than 60 every working day. This total includes almost 4,000 interdepartmental charges arising from the operation of such service units as the Medical School Instrument Shop, Medical School Animal House, Medical School Art Service, Buildings and Grounds Department, the Natural Sciences Instrument Shop, etc.

The research programme required the preparation and forwarding to the research organizations concerned of more than 300 periodic statements of the grants, etc., involved.

The scope of some of the University's auxiliary enterprises is significant. The sales of the Main Cafeteria, Medical School Snack Bar, and the School of Business Administration Snack Bar exceeded \$165,000.00. The sales of the University College Supply Store totalled \$75,000.00 for the year, and the Medical School Tuck Shop had further sales of more than \$12,000.00.



FACULTY OF MEDICINE

Report of the Dean - J. B. Collip

At a meeting of the Association of Canadian Medical Colleges held at the University of Western Ontario in September, 1951, the chief subject of discussion was methods and means of interesting students in general practice, and the integration of general practitioners into the teaching programmes of the Faculties of Medicine.

A Committee to consider plans for the future development of the Faculty of Medicine over the next twenty-five years has been set up. The tutorial system, introduced several years ago, was discontinued, although it was found excellent in principle, but disappointing in practice. As a result of a recommendation of the Committee on Admissions' meeting of June, 1951, the Faculty of Medicine set up a special committee, including representatives of the basic science group, the clinical group, and the psychiatric group, to interview prospective medical students. It was necessary to obtain information from the Registrar's Office to identify borderline students sufficiently early to allow them to be interviewed.

The question of medical care for undergraduate students and graduate students working at the Medical School was discussed. The University physician is to be available for consultation with the students in this area, and will use the office of the Professor of Medicine at Victoria Hospital at certain specified hours. Concurrent school oral examinations with the oral examinations of the Medical Council of Canada were instituted this year, although concurrent written examinations have been held for some years. Previously, separate University oral examinations were held. The financial plight of the undergraduate Medical Journal was investigated and some financial assistance was given so that the undergraduate Medical Journal might continue to operate.

Traffic and parking problems in the vicinity of Victoria Hospital and the Medical School called for specific suggestions. A parking lot was established behind the Faculty of Medicine building on Hill Street for staff members. A Neurosurgical Unit at Westminster Hospital was established with Dr. C. G. Drake as a staff member. Additional money was received to continue Isotope Research in the Faculty of Medicine. The Medical Staff By-laws and Regulations, Victoria Hospital, were revised.

Dr. Eric Rogers established a fund as a memorial to his father, to be known as The Dr. K. F. Rogers Memorial Fund, to be used at the discretion of Dr. Lloyd Stevenson to buy books on Medical History. The London Academy of Medicine made a grant to the Medical Library. The College of Physicians and Surgeons of Ontario again made their annual grant for the book fund of the Medical Library. Dr. Lloyd Stevenson was elected Chairman of the Medical Library Committee.

Professor G. H. Stevenson delivered a lecture on the life and work of Dr. Richard Maurice Bucke, who was the first Professor of Nervous Diseases

in this University, on the fiftieth anniversary of his death, February 19th, 1952. Dr. Peter Gaskell has received a Life Insurance Medical Research Fund Post-Doctorate Fellowship to work with Professor Henry Barcroft in England. The annual Academy Day of the London Academy of Medicine was again held in the Medical School Building.

The death of Dr. E. D. Busby, Professor of Genitourinary Surgery, on October 3rd, 1951, at the age of 57, was a tragedy. Dr. Busby had served the University since 1923, and was representative of the Faculty of Medicine to the Medical Council of Canada for many years. A brilliant surgeon and a very human personality, he was beloved by the members of his profession, by his patients, and by everyone with whom he came in contact. Dr. W. J. Brown, retired Professor of Ophthalmology, Otology, Rhinology, and Laryngology, died in March, 1952. He had been on the Faculty since 1921, and with his death the city lost a sportsman and doctor who for more than a quarter of a century had been revered by friends, medical associates, golfing associates, and medical students. A prominent physician, historian, author, and soldier, Dr. E. Seaborn, Associate Professor of Surgery 1910-1919, Lecturer in Medical Ethics, 1938-1948, died November 27th, 1951. Dr. Seaborn practised for fifty-four years in London, and was the author of "The March of Medicine in Western Ontario", published in 1945.

The problem of validation of drugs for drug companies, and the question of patents for discoveries by the members of the University, were considered. Some difficulty has been encountered with drug companies which ask to have a new drug given a clinical trial, with the salesman visiting the doctors in the area and emphasizing that a particular drug is being used or tried out at the University. It was felt that to protect the University some limit should be put upon these demands. The general policy of The University of Western Ontario is that the Faculty of Medicine does not provide testing facilities for commercial trials. It is felt that this statement is sufficiently broad to allow some limitations of action, and still allow worthwhile work to continue.

Miss Ethel Sullivan, Medical Librarian since 1921, retired June 30th, 1952, with the Council of the Faculty expressing their appreciation of the sincere and capable direction that Miss Sullivan had given to the Library for many years. The appreciation of the Faculty of Medicine for his valuable services through the years was expressed to Dr. W. J. McLean, Associate Professor of Physiotherapy, on his retirement. As a result of arrangements with the Beck Memorial Sanatorium Joint Relations Committee, plans were made to have Victoria Hospital senior internes rotate throughout the year at Beck Memorial Sanatorium. Dr. P. M. Andrus, Assistant Professor of Radiology, and for many years on the staff of the Beck Memorial Sanatorium, resigned as of June 30th, 1952.

By way of the Joint Relations Committee between the University and Victoria Hospital, the Medical Committee of the Board of Governors of the University indicated the opinion of the Faculty of Medicine regarding the expenditure of the \$300,000 grant to Victoria Hospital from the Provincial Government to improve teaching facilities. The establishment of a Psychiatric Ward at St. Joseph's Hospital was a matter for consideration. Dean J. B. Collip received an Honorary Degree of D.Sc. from the University of Toronto. With those

graduating from the Laboratory Assistants Course in the spring of 1952, it has been considered advisable and the Senate has decided, to terminate the course.

Dr. Gerhardt von Bonin, Professor of Anatomy, University of Illinois, Chicago, Illinois, gave the Tisdall Memorial Lecture, October 9th, 1951, the subject being, "The Functional Organization of the Cerebral Cortex." The Sixth John A. Macgregor Memorial Lectureship, with Dr. Carl V. Weller, Professor of Pathology, University of Michigan, Ann Arbor, Michigan, as the guest lecturer, was held October 12th, 1951. Dr. Weller's subject was, "The Causes of Cancer". Dr. D. C. Martin, Assistant Secretary, Royal Society of London, England, spoke on, "The History of The Royal Society", October 1st, 1951. Dr. Frederick A. Collier, Professor and Chairman of the Department of Surgery, University of Michigan, Ann Arbor, Michigan, was guest speaker for the Eleventh Dr. F. R. Eccles Memorial Medical Alumni Lectureship, his subjects being, "Cancer of the Colon", and, "The Effect of Trauma upon Metabolism". This lectureship was held October 3rd and 4th, 1951.

The well-known CBC Commentator, Mr. John W. Fisher, LL.D., gave a special lecture, stressing "Canadianism", at the Medical School, December 5th, 1951, under the auspices of the Hippocratic Society. Sir Edward Mellanby, Secretary of the Medical Research Council of Great Britain, and Chairman of the International Technical Commission on Nutrition, etc., delivered an address entitled, "An Experimental Approach to the Biological Aspects of a Vitamin", November 19th, 1951. Dr. R. Y. Stanier, Associate Professor of Bacteriology, University of California, Berkeley, California, spoke on, "The Localization of Some Intracellular Enzymes of Bacteria" at a special lecture December 12th, 1951.

Dr. Charles P. Leblond, Professor of Histology at McGill University, delivered a special address on recent work in his laboratory regarding, "Thyroid Metabolism", January 7th, 1952. Professor Kenneth J. Franklin, of the Department of Physiology, Medical College, St. Bartholomew's Hospital, London, England, at the time Visiting Professor at the University of Illinois, gave a special lecture January 9th, 1952, his subject being, "The Circulation in the Foetus". Dr. D. Ewen Cameron, Professor of Psychiatry, McGill University, and Director, Allan Memorial Institute of Psychiatry, gave The Seventh B. T. McGhie Memorial Lecture, January 25th, 1952. At a clinic in the afternoon, his subject was, "Differential Diagnosis and Psychotherapy". At an evening lecture to which the public was invited also, his subject was "Hostility, Its Release and Relief". The Alpha Omega Alpha Lecturer on March 28th, 1952, was Professor D. L. Thomson, Department of Biochemistry, and Dean of the Faculty of Graduate Studies, McGill University, Montreal. His subject was "Man's Food and Man's History".

Professor John Farquhar Fulton, Sterling Professor of the History of Medicine and recently Sterling Professor of Physiology, Yale University, New Haven, Connecticut, was the Osler Society Lecturer, April 2nd, 1952, speaking on "The Life and Work of Sir Charles Sherrington". Sir Charles Hercus, Dean of the Medical School and Professor of Bacteriology and Public Health, University of Otago, Dunedin, New Zealand, used "The History of Thyroid Disease in New Zealand" as the subject of a special lecture April 30th, 1952.

The term Honorary Lecturer continues to denote a senior member who holds an appointment in a second department. Dr. C. L. Hannay, Principal Bacteriologist, Science Service Laboratory, was appointed Honorary Lecturer in Bacteriology and Immunology; Dr. Helen I. Battle, Professor of Zoology, was appointed Honorary Lecturer in Anatomy, as was Dr. C. F. Robinow, Associate Professor of Bacteriology and Immunology; Dr. G. E. Hobbs, the Michael Francis Fallon Memorial Professor of Clinical Preventive Medicine, Head of the Department of Clinical Preventive Medicine, and Assistant Dean, was appointed Honorary Lecturer in Psychiatry.

#### THE DEPARTMENT OF BUILDINGS AND GROUNDS

Report of the Superintendent - John Shortreed

The average number of employees in the department during the fiscal year was 86; this is an increase of 2 over last year's average. The distribution was: technical 2, clerical 3, operating 20, maintenance 18 and caretaking 43. Of the 76 regular employees on the payroll at the 1st July, 1951 only 4 left during the year to find employment elsewhere, indicating an acceptance of general working conditions.

The total salary expenditure within the department was \$186,657.15. Of this amount \$40,357.18 or 22% represents the labour expenditure for other departments, research grants, alterations and special events distributed over 322 work orders. The total expenditure showed a 12% increase over the preceding fiscal year.

Purchase requests from the Superintendent's Stores amounted to 1308 and a further 376 requests were initiated in the department for purchases to be charged directly to appropriations. The stores handled materials amounting to \$76,731.55, an increase of 16.5% over 1950-51.

The use of the buildings for after-hour academic, athletic and social purposes increased, there being 960 events scheduled during the year. Many of these required special "set-ups", cost keeping and individual billing. A few of the outside organizations which were accommodated in University buildings for various events are as follows: Y. M. C. A., St. Joseph's Hospital, Victoria Hospital, Plymouth Brethren, Middlesex Junior Farmers, Academy of Medicine, W.O.S.S.A., Institute Radio Engineers, N.F.C.U.S., Boy Scout Association, Hathomar Club, Ontario Library Association, Canadian Authors Association, Certified Public Accountant Association, Chemical Institute of Canada, Association of Canadian Medical Colleges, Board of Education Workshop, Royal Astronomical Society of Canada and University Women's Club.

Not included in the above list are the many other outside groups sponsored by the University Extension Department which held lecture courses.

### Maintenance Projects

A total of 149 fluorescent fixtures were installed in the continuation of the general lighting improvement programme. In addition a number of rooms were rewired for the installation of fluorescent fixtures in the future and in the meantime salvaged incandescent fixtures were used.

Room 204 in University College was fitted with raised seating ramps and an accoustical ceiling, the blackboard arrangement was improved, the lighting was brought up to modern standards and the room was redecorated.

The lower corridor in the Medical School was improved by laying a mastic tile floor, installing fluorescent lighting, raising the student lockers onto a concrete curb and painting. The gymnasium at the Medical School was painted and the lighting improved.

New shelving was added to the Library stacks for an additional 6000 volumes.

Automatic heat control systems were installed in both University College and the Natural Science Building. These prevented over-heating the buildings and improved the distribution.

### Alterations to Buildings

The conversion of the former Boiler Room in the Medical School into a research laboratory was completed. The project, financed by the Defence Research Board, made available for research 3 small laboratories, and 7 controlled rooms giving a temperature range of from 40 F to 110 F with varying humidities.

A demonstration room and a lecture room on the second floor of the Medical School were rearranged into a laboratory for Physiology and a combined lecture-demonstration room having modern operating - theatre type seating for 70 students.

Conversion from 25 cycle to 60 cycle of all electrical services on the Arts campus was completed by the H. E. P. C. Over 800 individual items were converted and with the cooperation of the H. E. P. C. the 550 volt power services were changed to 208 volt.

The alteration of Spencer Hall, the former residence of Major General A. C. Spencer, to a women's residence was completed. The work consisted of developing food service areas in the basement, partitioning of the third floor to provide bedrooms and installing additional washroom facilities. The residence opened in time for the fall term.

The chimney of the University Boiler House was found to be defective. Immediate replacement was advised and contracts for the demolition of the old stack and the building of a new one on the same base were let. The new stack, a 130-foot tile structure, was scheduled to be completed by the end of September.

Alterations at the School of Business Administration were started at the end of the spring term. The project will provide two classrooms on the third floor, one to accommodate 100 students and the other, 70. In addition, the third floor will also provide space for an academic office and a student council room. The former garage area will be converted to a student lunch room and lounge and the library reading room will be expanded to include the present lounge.

The Veteran Apartments were sold by tender for removal during the summer.

#### Alterations to Grounds

A contract was let for the building of a double sidewalk leading to the main entrance of the Observatory.

Reconstruction of the main drive from Richmond Street to the east side of the bridge was started. The road was moved eight feet north to be centred between the double row of elms.

Additional staff parking space for 40 cars was provided at the Medical School - entrance to the lot being from Hill Street.

The Department has had a busy year.

#### UNIVERSITY ATHLETIC ASSOCIATION

Report of the President - D. A. McLarty

From the standpoint of athletic competition, both at the intramural and intercollegiate levels, the Athletic Association, in 1951-52, has a satisfactory record of achievement. While no noteworthy additions were made to the physical facilities for athletics in the course of the year, extensive repairs and modifications were effected at the stadium. From an administrative point of view, the ground work, for a complete revision of athletics at Western was accomplished which may have far-reaching effects in the future, particularly with respect to intramural activities and competition in the "lesser" inter-collegiate sports.

At the Annual Meeting of the Canadian Intercollegiate Athletic Union for 1950-51 the Executive Committee was empowered to prepare a revision of the constitution of the Union. In the light of revisions which were clearly indicated all of the colleges, in the Ontario-Quebec Conference at least, undertook a revision of the constitutions of their individual directorates or boards of control.

At an early meeting in the fall of 1951 the Directorate at Western appointed a committee to consider constitutional changes. Later in the year this committee met frequently with members of the Board and Administration of the University in an effort to prepare a constitution which would implement the administrative procedures stipulated by the Board of Governors on April 15, 1952, effect the improvements desired by our own Athletic Association, and coincide with the anticipated changes in the constitution of the Union. The

new Constitution of the Athletic Association was not ratified until the beginning of the 1952-53 sessions but many significant features were put into effect before and at the close of the 1951-52 year.

The most significant influences upon the Athletic Association of action taken by the Board of Governors involved the making of the Department of Physical Health and Recreation Education responsible for intramural athletics, the setting up of a Director, Intercollegiate Athletics, to deal with coaching and scheduling matters pertaining to intercollegiate competition, and the appointment of a Business Manager of Athletics to administer all Directorate policy, both general and financial.

Athletic Activities - Men

Intercollegiate

The following is a complete listing of the results of intercollegiate competition for the 1951-52 season.

	<u>Team Standing</u>
Senior Football	3rd
Intermediate Football	3rd
Senior Soccer	3rd
Intermediate Soccer	4th
Senior Basketball	Championship
Intermediate Basketball	Championship
Senior Wrestling	Championship
Intermediate Wrestling	2nd
Senior Swimming	3rd
Intermediate Swimming	2nd
Intermediate Hockey	Championship
Senior Badminton	Championship
Senior Golf	--
Intermediate Golf	2nd
Intermediate Tennis	2nd
Intermediate Harrier	2nd
Senior Track	4th
Senior Squash	3rd

Some special comment is, I believe, required relative to some of the above events.

Our senior basketball championship team played off in Thames Hall with the University of Alberta champions of the Western Intercollegiate Union and won the Canadian Senior Intercollegiate basketball championship. As Canadian champions the Mustangs entered pre-Olympic competition with the Tillsonburg "Livingstons", winners of the C.A.B.A. Western's team lost a hard-fought series. The quality of the competition provided is indicated by the fact that two of our players were selected to travel and play with the Tillsonburg team as Canada's entry in the Olympic Games.

The championship in senior wrestling, a first in the history of Western Athletics, and the winning of second place in the intermediate championship event, speaks well for our competitors, for our coaching staff, and for the splendid facilities now available to our students in Thames Hall for this and other athletic activity.

It should be recorded that, in this "Olympic Year" the Western lightweight champion won the eastern trials and wrestled, unsuccessfully, in the pre-Olympic trials which were held in Winnipeg.

Western continues to support hockey at the intermediate level. Emerging with the intercollegiate championship, the team also did credit to the University in a local Senior "B" grouping of the C. H. A.

It is gratifying to note that a championship was won in senior badminton. This sport has been recognized only recently as an intercollegiate activity on the part of Western and, like squash racquets which gained its initial support in 1951-52, will provide an outlet for increasing numbers of students in the future as Thames Hall becomes more and more a part of student life on the campus.

Unfortunately, no figures have been made available to me relative to the numbers of men involved in intercollegiate and intramural competition.

#### Intramural

The Intramural Sports Committee, consisting of the Director of Intramural Sports and the various student Athletic Representatives, provided competition for the male students of the University in ten sports. Basketball and football attracted the greatest interest but satisfactory numbers did participate in the so-called "minor" sports. It is probable that, lacking a specific and complete policy, the Intramural Committee was hampered and hindered in its efforts to expand the programme and to determine the role which intramural athletics were expected to play in the over-all life of the student community. It should be stated, however, that in most cases participation did reach the level where the use of Thames Hall facilities by intercollegiate entries became the limiting factor.

In recent years the Directorate has shown increased interest in "minor" sports and in a thoroughly satisfactory intramural programme. The involvement of ever increasing numbers of students in beneficial athletic activity and the realization of full benefits from facilities provided in Thames Hall continues to be the aim of the Association.

The following summary of results provides some insight into this important phase of University athletics.

#### Competitive Units

Medical School, School of Business, Huron College, University College (Arts) and University College (Science).

#### Results

Six-man football: 1st Meds, 2nd Arts, 3rd Business, 4th Science, 5th Huron.

Basketball: 1st Meds, 2nd Science, 3rd Arts, 4th Huron, 5th Business.

Badminton: Singles - Ralston King, Huron College.

Badminton: Doubles - Keskinon and Delahunt - Arts.

Table Tennis: Singles: Ted Oliver - Arts.

Doubles: Oliver and Delahunt - Arts.



Swimming: 1st Huron, 2nd Science, 3rd Business, 4th Arts, 5th Meds.

Tennis: Singles - D. Waud - Science.

Golf: 1st Business, 2nd Meds, 3rd Arts, 4th Science, 5th Huron.

Track and Field: Arts.

Volleyball: Meds.

University Shield: Medical School.

#### Athletic Activities - Women

Athletics for women at the University of Western Ontario are directed by the Women's Athletic Committee which is responsible to the Athletic Directorate. In addition to intercollegiate and intramural programmes competition has been provided in a number of events in a grouping involving only the affiliates, Alma and Waterloo Colleges. Western women participated also in competition involving only McMaster University representatives and women from the Ontario Agricultural College.

While women's athletics have never been a direct concern of the Athletic Directorate, every effort has been made to promote their ventures and to use their organization to round out a complete athletic programme on the campus.

I believe it is significant to note that 47 ladies represented the University in intercollegiate competition and 126 competed in additional "off campus" competition. The intramural programme, however, attracted 336 participants.

The following summary is presented for information:

#### Women's Athletics -- 1951-52

##### Intramurals

	<u>Participants</u>	<u>Winner</u>
Archery	28	Nurses
Badminton	28	Spencer
Basketball	50	Spencer
Bowling	28	Spencer
Swimming	30	Spencer
Table Tennis	28	Spencer and Arts '54
Volleyball	56	Arts '52
Golf	28	Arts '53
Softball	50	Arts '55

Interwestern (Alma, Waterloo and Western) - 64 participants.

Field Day - Tennis, Archery, Golf, Track - 26 girls - won by Western at Western.

Basketball - home and home - 12 girls - won by Western.

Badminton - Volleyball - at Alma - 16 girls - won by Waterloo.

Swimming - at Western - 10 girls - won by Western.

Westoamac (McMaster, O.A.C., and Western) 62 participants.

Field Day - Tennis, Archery, Golf, Marathon Softball -  
38 girls - won by Western at Western.

Basketball - Seniors - home and home - 12 girls - won by  
McMaster and O.A.C.

Intermediates - home and home - 12 girls -  
won by O.A.C.

Intercollegiate 47 participants.

Archery - at O.A.C. - 4 girls on team - won by O.A.C.

Tennis - at Toronto - 4 girls on team - won by McGill.

Swimming - at Western - 11 girls on team - won by McGill.

Badminton - at McGill - 4 girls on team - won by Toronto.

Basketball - at Queens - 12 girls on team - won by Queens.

Volleyball - at McMaster - 12 girls on team - won by McMaster.

At the University of Western Ontario athletics are regarded as an important and useful part of the student programme. Accordingly, athletic activities are provided by the Association as a factor added to but not interfering with the academic discipline of the college. True intercollegiate competition is striven after and only fully qualified students are allowed to compete in the name of the University. In all other competition the academic measure is used to the end that participation in athletics may truly aid in the development and growth of the individual.

Believing in athletics, it is natural that the Association should attempt to bring the benefits concerned to as great a percentage of our students as possible. It is obvious that the "glamour" sports will continue to thrive so long, at least, as the growing tide of professionalism can be controlled. The success of our venture, however, rests upon the use to which we can put competition in the "minor" sports and in sports generally at the intramural level. Here only can sufficiently great numbers of individuals be involved as to make appreciable the influence of athletics in the maturation of our students and in the rounding out of their lives once they have left the campus.

So far as the practical considerations will permit, it is the desire of the Association to give attention uniformly to all competitors in all forms and at all levels of athletic activity.

UNIVERSITY NAVAL TRAINING DIVISION

Report of the Commanding Officer - Commander (SB) Nelson C. Hart, R.C.N.(R)

Recruiting for the University Naval Training Division was quite vigorous during late September, October, and early November, 1951, and the Staff Officer, Lt.-Cmdr. C. J. Metcalfe, reported that approximately 150 students were interviewed. This marked interest may be partly attributed to the availability of the Staff Officer at his office in Thames Hall; to the enthusiasm of the cadets who had enjoyed their summer work at the Coast, especially the cruises; to the attractive booklets on the U.N.T.D. work; and to the striking posters displayed on the various bulletin boards.

Thirty-six students were finally attested as probationary cadets. Thirty of these appeared before the Selection Board and Twenty-eight were accepted. The "travelling members" of the Board were - Cmdr. F. Frewer, Chairman, Inst.-Cmdr. W. Fowler, Lt.-Cmdr. Padmore, and Lt. (SB) A. S. Holland (Personnel Selection Officer). The other members were, Commander (SB) Nelson C. Hart, Lt.-Cmdr. W. E. D. Atkinson, and Mr. T. Hoskin. This type of Board, operating for the second year, again proved satisfactory and successful.

The nominal list forwarded to Naval Headquarters included some 71 "Bodies", distributed as follows: - First year, 36 (Executive Branch 28 Probationary Cadets, Supply Branch 7 Probationary Cadets, and one R.C.N. Cadet); Second year, 15 (Executive Cadets 11, Supply Cadets 2, Naval Cadets 2); and Third year 20 (Executive Branch Cadets 16, Instructor Cadets 1, Medical Cadets 1, Supply Cadets 2). During the year the number was reduced by ten for various reasons. Cadet S. A. Nichol was the first R.C.N. Cadet to be enrolled at this University. Doubtless others will follow.

Cadet W. J. Mara was awarded an "entrance" sea cadet scholarship by the Navy League of Canada. Several such scholarships are available and it is to be regretted that they are not given more publicity. Naval authorities might emphasize them among Secondary School students in Grade XIII.

Instruction was given every Wednesday evening aboard H.M.C.S. "Prevost", and some extra lectures and conferences were held at the University. Interest was pronounced as indicated by an average attendance of around 90%.

The U.N.T.D. staff included many officers who had graduated from the local U.N.T.D. and several other previous cadets were associated with training on H.M.C.S. "Prevost". The complement of officers included the following personnel:

Commanding Officer	Cmdr.(SB) Nelson C. Hart
Staff Officer	Lt.-Cmdr. C. J. Metcalfe
Sr. Divisional Officer and Training Officer	Lt.-Cmdr. J. F. McKenzie
Supply Officer and Third Year Divisional Officer	Lt. S. M. G. Thompson
Second Year Divisional Officer	S/Lt. J. G. Wilson

First Year Divisional Officer	S/Lt. D. Arscott
Assistant Supply Officer	S/Lt.(S) E. K. Lee
Gunnery Officer	S/Lt. A. E. Collin
Assistant Gunnery Officer	S/Lt. W. Poulton
Assistant Training Officer	S/Lt. B. A. Massie
Medical Officer	Surg. S/Lt. R. A. Grant

The U. N. T. D. participated in several Joint Services' functions and paraded.

- (a) Remembrance Day Ceremonies with the C.O.T.C. and the R.U.F. in Convocation Hall.
- (b) Tri-Service Armistice Parade to the Cenotaph.
- (c) Tri-Service Ball on November 26th, 1951, at Wolseley Barracks.
- (d) Church Parade with H.M.C.S. "Prevost" to St. James Anglican Church.
- (e) King's Funeral February 24th, 1952. Representatives of U.N.T.D. paraded to the Cenotaph where an impressive service was held. Other representatives attended Memorial Services at St. Paul's Cathedral.

The period of mourning for the late King George VI resulted in the cancellation of many U.N.T.D. activities, especially the Tri-Service Rifle Meet scheduled for Kingston.

During the weekend of the McGill-Western Football game a reunion was held at the University and at H.M.C.S. "Prevost" by cadets from various universities who had been together at the Coast during the summer. Later in the academic year a "Mess Dinner" was held in the Wardroom, H.M.C.S. "Prevost", and 76 members of the U.N.T.D. and their friends were present.

The "winter courses" of the U.N.T.D. were officially concluded at the annual closing exercises towards the end of March. Commissions were available for some officers, and certificates were given to the first year cadets. The following awards were presented:

"Cock-of-the-Walk" - Cadet K. Wong.  
First Year Proficiency -- Cadet M. Conroy.  
Second Year Proficiency - Cadet R. M. Lester.  
Third Year Proficiency - Cadet W. M. Murray.

Instructor-Commander Fowler was present and spoke briefly to the cadets, training staff, and parents and friends of the members of the U.N.T.D.

For Summer Training six cadets went to H.M.C.S. "Stadacona" at Halifax, N.S., and the remainder to H.M.C.S. "Naden" at Esquimalt, B.C. Two additional cadets were at H.M.C.S. "Shearwater" for air training.

Three cruises were arranged at each coast. Four cadets went on the first cruise to the Mediterranean, one on the second to France and England, and one on the third to England and the Low Countries. Sub.-Lt. Arscott who served in the Cadet Control Office at Stadacona was also on the second cruise. The three cruises at the West Coast were to Juno, Alaska; Long Beach, California; and San Diego, California. Instruction at H.M.C.S. "Naden" was given in Gunnery, Supply, Communications, Torpedo, Anti-Submarine, Divisional Courses and Parade Training. Navigation was given at Royal Roads and Seamanship at sea. There was also a qualifying course for Lieutenants, available to officers who had completed previous courses for Sub-Lieutenant.

Graduation exercises were held for Midshipmen at Royal Roads in August. Cadet (S) K. Ross Murray was presented with a telescope, one of the two awards given annually by the Department of National Defence, to the two most efficient cadets at the Coast.

Courses and schedules were practically the same at both coasts, and all third year cadets served as Cadet Captains at some period during the summer. In general, the cadets made a good showing in their Naval work, intramurally and at the Coast. Reports indicate enjoyable and profitable cruises with discipline and instruction very favourable.

On behalf of the Officers and Cadets of the U.N.T.D. I wish to express gratitude for the courtesy, assistance and accommodation extended by the staff of H.M.C.S. "Prevost", and appreciation of the aid and encouragement given by the administration of the University.

#### CANADIAN OFFICERS' TRAINING CORPS

Report of the Officer Commanding - J. J. Talman, Lt. Col.

The University of Western Ontario Contingent of the Canadian Officers' Training Corps has an establishment of six officers, who are members of the University Faculty, a Resident Staff Officer, who is a member of the Canadian Army Active Force and a quota of officer cadets undergoing training, that may vary from 60 to 85.

The six officers from the University staff are, the Lt.-Col. commanding the Contingent, a Major at each of: University College, the Medical School, Assumption College and Waterloo College, and a Captain-Adjutant.

During 1951-52 there were 69 officer cadets in training and 10 additional cadets on strength awaiting disposition (i.e., transfer, appointment to commission, voluntary retirement, etc.). Detachments of the unit are located at the University College, Assumption College and Waterloo College.

The aims of the University Contingent COTC are:

- (a) To train undergraduates for commissioned service in the Canadian Army either Active or Reserve.
- (b) To develop a knowledge of the Armed Forces and interest in those forces among Faculty members and undergraduates in the University alike.

The University Contingent COTC provides theoretical military training for officer cadets during each of three academic years. The Contingent also reviews academic reports and reports from Corps schools where practical military training is given during the summer months and recommends disposition of each cadet at the end of each phase of training (i.e. repeat, proceed to next phase or appoint to commissioned rank as applicable).

The contingent officers, in cooperation with Faculty members and officers of the Active Force are also responsible for the selection of candidates for training from those applying.

The COTC programme offers undergraduates the opportunity of qualifying for commissioned rank in the Canadian Army Active Force or Reserves as follows:

	Training	Qualifications
(a)	Two years theoretical and two years practical training.	Second-Lieutenant (either Active Force short service commission or Reserve Force).
(b)	Three years theoretical and three years practical training.	Lieutenant Active Force or Reserves (with automatic qualification as Captain in Reserve Force if candidate joins a Reserve Force unit within one year of graduation.)

Theoretical training consists of lectures and demonstrations during the academic year as follows:

(a)	First Year	20 hours	Indoctrination
(b)	Second Year	40 hours	Organization Military Law Staff Techniques
(c)	Third Year	40 hours	Military Geography Military History Man Management

Military Geography and Military History are given by faculty members of the department concerned. Other subjects are given by the Resident Staff Officer.

Practical training consists of from 12 to 22 weeks at Active Force

military installations during summer vacation periods, according to the following schedule:

	<u>Year</u>	<u>Place</u>	<u>Training</u>
(a)	First Year	Corps School	General Military Training and some special to Corps subjects.
(b)	Second Year	Corps School	Special to Corps subjects.
(c)	Third Year	Unit, Camp or School	On-the-job training as an officer in charge of troops.

The Officer Commanding and Resident Staff Officer are members of the University Tri-Service Committee.

The Contingent acts as a liaison office between the University and the Army, arranging loans of equipment as required, arranging for lecturers to army units, etc.

The Contingent assists in drawing together personnel on the campuses of the University, Assumption and Waterloo Colleges as one or more faculty members are officers on each campus. Other faculty members lecture during the theoretical training and undergraduates are officer cadets at each college. In addition the Contingent holds an annual mess dinner and an annual dance attended by members from all three colleges.

The unit accepts applications from undergraduates seeking appointment to the Active Force as officers undergoing academic training at government expense and makes arrangements for their appointment in the Army.

In addition, books of military interest are purchased and placed in a COTC section of the University Library, where they are available to COTC and non-COTC students alike.

The theoretical training of the Contingent could be done more easily and with greater success if hours for military lectures were integrated with the general time-table. One period of two hours per week would be required in each of 1st, 2nd and 3rd year time-tables.

It would be most desirable if a building to house the three services could be provided on or near the campus. The advantages of such a building would be:

- (a) The services would be able to function more efficiently with lecture-demonstration rooms suited to military studies.
- (b) The provision of a cadet lounge would bring cadets from the three services together for informal interchange of knowledge. Eventually, if similar action was taken on other campuses, it would lead to greater understanding and cooperation between the services, as graduates join the permanent staffs of the RCN, Canadian Army and RCAF.

- (c) By co-operating with the Armed Forces in the erection of a building on or near the campus, the University would be publicly recognizing the importance of the Armed Forces in Canadian Affairs. Such recognition should stimulate interest in service training and induce more undergraduates to participate.

The officer commanding must pay tribute on the one hand to the whole-hearted support which the COTC receives on the campus and the high quality of resident staff officers which the Army has consistently sent to the Contingent.

The present RSO, Major JF Taylor, is no exception. In spite of an extremely heavy load involving travelling to Windsor and Waterloo once a week plus additional trips regarding recruiting, selection, etc., he carries out his duties with expedition and enthusiasm.

#### UNIVERSITY RESERVE SQUADRON

Report of the Commanding Officer - M. H. M. MacKinnon, S/L.

The primary aim of the University Reserve Squadron is the recruiting from the student body of RCAF Reserve and Regular Force officers. A secondary aim is to produce Canadian citizens capable of assuming positions of responsibility in civil life who are also cognizant of the role and functions of the RCAF Regular and its components.

First year university students are selected in the fall of the year, appointed as Flight Cadets in the Primary Reserve and given 18 hours of training during the winter on Service Fundamentals, Military and Civil Law, RCAF History and Organization, Military Geography, and Current Events. During their first summer, students attend an Officers' School for Indoctrination training, followed by training in either the Aircrew List, Technical (Telecommunications, Armament, or Aeronautical Engineering) or such lists as Administration, Medical, Chaplain, and Accounts.

The second winter covers a further 28 hours of lectures; the syllabus includes Current RCAF plans, Military History, Military Geography, Air Power, Civil Defence, and Current Events. The second summer is spent in advanced training in the branch of the service to which the cadet belongs. Personnel who successfully complete their training receive commissions as Pilot Officers in the Primary Reserve, Special List/ University Branch, on October the first, after their second summer of training. The third winter involves a more intensive study of the subjects taught in the second winter. This is the final period of winter training. The third summer takes the Pilot Officers out to RCAF Stations where they assume the responsibilities of junior officers in the branches in which they have been trained. Provided that Pilot Officers or Flying Officers are still students at the University, employment for fourth and succeeding summers with the RCAF is normally available. Graduates and



non-graduates of the URS programme are eligible for appointment as Pilot Officers in the RCAF Regular during their final university year. These personnel remain in university throughout the winter and report to the Regular Force in the spring, upon completion of their degree.

Upon graduation from university, Pilot Officers are promoted to Flying Officers and join either the Regular, Reserve, or Supplementary Reserve, for a period of at least five years.

Visitors to the University Reserve Squadron and the campus of University of Western Ontario during the period covered by this report include such officers as: Group Captain JB Harvey DFC CD, Senior Personnel Staff Officer, RCAF Training Command Headquarters, Trenton, Ontario; Group Captain EAD Hutton CD, Commanding Officer, RCAF Station Clinton, Ontario; Group Captain WW Bean OBE, Commanding Officer, RCAF Station Centralia, Ontario; Wing Commander AR Holmes CD, Commanding Officer, RCAF Station London; Wing Commander JM Enstone MBE CD, Officer Commanding, Officers' School, RCAF Station London; Wing Commander VL Berg CD, RCAF Training Command Headquarters, Trenton, Ontario; Squadron Leader WL Baynton, RCAF Station Clinton; Squadron Leader G Lee, RCAF Station London.

Integration of the URS with University life is constantly stressed. Lecturers for the winter syllabus of training are frequently members of the Faculty of UWO, from such departments as Geography, History and Economics.

The URS commenced in the fall of 1950 to add to the Lawson Memorial Library a number of books and magazines of an Air Force nature. The policy is continuing, and the number of books added annually will increase if a library grant, which has been suggested to Air Force Headquarters, is authorized.

In conjunction with COTC and UNTD, URS takes part in the annual Remembrance Day service. The URS also joins in the Tri-Service Ball. The University Air Liaison Officer, F/L TL Hoskin, Counsellor to Men at UWO maintains close contact with the Resident Staff Officer, F/L OG Nelson, AFC, and is able to carry out many of the functions of the RSO when that officer is absent on other duties.

Members of the Faculty of UWO have been invited to visit nearby Air Force stations such as London and Centralia. These visits have been highly successful. Senior officers from nearby RCAF stations have come to the university for luncheon and a tour of the university buildings.

One of the biggest problems facing this unit is the location of the Medical School, which makes it difficult for medical students to change into uniform, have dinner, and arrive at the North Campus in time for lectures at 6:00 p.m. It is felt that drill should be given to all personnel of the unit throughout the winter months. Lack of indoor facilities prevents this.

The remoteness from RCAF Station London makes it difficult to use its messing and ante-room facilities. At the University of Toronto, for instance, where the three services are housed in a university building,

a large lounge is available for the use of the URS. Such a lounge would be highly desirable at this university.

In stating the value of URS programme it should be emphasized that the University as a whole benefits by contact with the RCAF. Students who serve in the URS receive valuable professional training and gain experience and confidence. Trained officers will be available and prepared to serve their country in time of national emergency.

There were 51 on strength of the Unit during 1951-52 as follows:

Intake '50 - 13; Intake '51 - 17; Intake '52 - 21.

Permanent force support has been continued. The Flight Support Unit, consisting of F/L OG Nelson AFC, and LAC AD Stafford, has maintained a high level of efficiency in the performance of its duties. The assistance given by RCAF Station London and RCAF Recruiting Unit London has also been most valuable.

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TABLE NO. 1 - REGISTRATION SUMMARY - WHOLE UNIVERSITY - 1951-52

College		UNDERGRADUATE				Corres- pondence	Exten- sion	Summer School	GROSS TOTALS	Dupli- cates	NET TOTALS			
		Full- time	Part- time	Full- time	Part- time						1951-52	Gain	Loss	
ARTS														
Alma College	Women	-	-	-	-	-	-	-	-	-	-	-	-	5
Assumption College	Men	505	140	-	-	-	-	-	645	-	645)	-	-	-
	Women	67	139	-	-	-	-	-	206	-	206)	851	-	8
Huron College	Men	33	-	-	-	-	-	-	33	-	-	33	-	10
Music Teachers College	Men	7	-	-	-	-	-	-	7	-	7)	-	-	-
	Women	12	-	-	-	-	-	-	12	-	12)	19	7	-
St. Peter's College	Men	53	-	-	-	-	-	-	53	-	-	53	-	11
University College	Men	905	24	66	12	127	392	326	1852	248	1604)	-	-	-
	Women	395	22	11	1	87	370	240	1126	115	1011)	2615	108	-
Ursuline College	Women	103	22	-	-	-	-	-	125	-	-	125	5	-
Waterloo College	Men	148	11	-	-	-	-	-	159	-	159)	-	-	-
	Women	34	33	-	-	-	-	-	67	-	67)	226	-	9
FACULTY OF ARTS & SCIENCE TOTALS	Men	1651	175	66	12	127	392	326	2749	248	2501)	-	-	-
	Women	611	216	11	1	87	370	240	1536	115	1421)	3922	77	-
MEDICINE	Men	230	2	33	1	-	-	-	266	-	266)	-	-	-
	Women	18	1	3	1	-	-	-	23	-	23)	289	-	14
NURSING	Women	49	-	-	-	-	-	-	49	-	-	49	-	2
BUSINESS ADMINISTRATION	Men	144	-	54	2	-	-	-	200	-	200)	-	-	-
	Women	1	-	1	-	-	-	-	2	-	2)	202	27	-
TOTAL FOR WHOLE UNIVERSITY	Men	2025	177	153	15	127	392	326	3215	248	2967)	-	-	-
	Women	679	217	15	2	87	370	240	1610	115	1495)	4462	88	-

NOTE: Music Teachers College does not belong exclusively to the Faculty of Arts and Science, but its closest affiliation is to that Faculty, in which its students take considerable work for their diplomas in Music.

Appendix B

Schedule of Research Grants-in-Aid - Outside Foundations, etc.

July 1, 1951 - June 30, 1952

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
	<u>Faculty of Medicine</u>	
Amer. Otological Soc.	Dr. J. B. Collip	Americal Otological Society Research Fund
Dept. of Agriculture	Dr. J. B. Collip	Investigation into the mode of toxic action of parathion.
Estate of the late Miss M. A. Aust	Faculty of Medicine	Medical Research with particular reference to Arthritic Research.
Sundry Donors	Faculty of Medicine	A.C.T.H. Research
R.C.A.F.	Prof. M. L. Barr	The effect of anoxia and fatigue on the central nervous system.
Ont. Cancer Treatment & Research Foundation	Prof. J. Fisher and Dr. Ivan Smith	Experiment Production of Lung Fibrosis as a result of Radiotherapy.
Ont. Cancer Treatment & Research Foundation	Prof. J. Fisher and Dr. Ivan Smith	Development of Uterine Curette and Intra-Uterine Aspiration Apparatus and Technique for the Investigation of Abnormal Uterine Bleeding.
Sundry Donors	Dr. J. B. Collip	General Medical Research.
Sundry Donors	Faculty of Medicine	U.W.O. Cancer Research Project (General).
Ont. Cancer Treatment & Research Foundation	Prof. D. L. Bartelink	Establishment of a unit for treatment and diagnosis with radioactive isotopes.
Defence Research Board	Prof. A. C. Burton	Investigation into chemical regulation against cold in animals.
Defence Research Board	Prof. A. C. Burton	Man in a cold environment.
Defence Research Board	Prof. A. C. Burton	Development of Servo Chest Respirator.

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<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
Defence Research Board	Prof. G. W. Manning	Investigation into T-wave abnormalities in the Electrocardiogram of apparently fit Aircrews.
Defence Research Board	Prof. G. E. Hobbs	An investigation into accident proneness - fatal aircraft accidents.
Defence Research Board	Prof. R. J. Rossiter	An investigation into factors affecting wound healing.
Defence Research Board	Prof. G. W. Stavraký	An investigation into vasomotor reactions encountered during Anoxia and Asphyxia.
Defence Research Board	Prof. M. L. Barr	An investigation into the effect of Anoxia, cold and fatigue on nervous system and adrenals.
Defence Research Board	Dr. G. W. Manning	Cardiovascular Research.
Defence Research Board	Prof. J. A. F. Stevenson	Research on metabolic reactions to dietary, temperature, and traumatic stresses.
Defence Research Board	Prof. A. C. Burton	Research on the vaporative loss of heat of man in cold environment.
Defence Research Board	Prof. R. A. Waud	Research on the effects of Dextran.
Defence Research Board	Prof. R. J. Rossiter	Construction of a defence Medical Laboratory. (Boiler room alterations).
Defence Research Board	Prof. R. J. Rossiter	Construction of a defence Medical Laboratory. (Installed Equipment).
Defence Research Board	Prof. R. J. Rossiter	Construction of a defence Medical Laboratory. (Other Medical School Alterations).
Defence Research Board	Prof. R. J. Rossiter	Construction of a defence Medical Laboratory.
Defence Research Board	Dr. G. W. Manning	Investigation into the haemodynamics of acute haemorrhage leading to the irreversible hypodynamic phase and the mechanism of recovery.

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
Defence Research Board	Dr. H. A. DeLuca	The effect of cold on cholesterol metabolism.
Defence Research Board	Prof. R. J. Rossiter	The Metabolic response to cold.
Defence Research Board	Prof. A. C. Burton	The reaction of men and animals to cold and damp.
Defence Research Board	Prof. J.A.F. Stevenson	Research on haemodynamic and other aspects of acute blood and fluid loss.
Mr. R. W. Frost	University	Medical Research.
Ont. Dept. of Health	Prof. R. J. Rossiter	A study of the biochemistry of the central nervous system.
Ont. Dept. of Health	Prof. G. W. Stavraky	Experimental Epilepsy and the mechanics of Shock Therapy.
R. C. A. F.	Prof. G. E. Hobbs	A study of Personal Background of Pilot in fatal training accidents.
Ont. Dept. of Health	Prof. G. E. Hobbs	The Social Aspect of Psychoses, Neuroses, etc.
Ont. Dept. of Health	Prof. G. E. Hobbs	Physiological changes associated with Emotion in Health and Disease Statis.
Ont. Dept. of Health	Dr. Alan Douglas	Neuropathologic Unit.
Ont. Dept. of Health	Prof. M. L. Barr	Nucleoprotein Metabolism of the Brain.
Ont. Dept. of Health	Prof. F. S. Brien	Nutritional Studies in the Aged.
Ont. Committee on Cardiology	Dr. G. W. Manning	Heart Research
Ont. Dept. of Health	Prof. J. C. Paterson	Studies on Experimental Tuberculosis.
Ont. Committee on Cardiology	Prof. R. A. Waud	The peripheral and vascular effects of hypotensive agents as studied on mechanical heart-lung dogs.
Life Insurance Medical Research	Prof. A. C. Burton	Factors in Cardiovascular Diseases including studies of Victor Cardiograph, proteinuria and vascular linings.
Life Insurance Medical Research	Dr. G. W. Manning	The Hemodynamics of the Peripheral Circulation.

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<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
Life Insurance Medical Research	Prof. E. M. Watson	Factors in the development and prevention of Cardio- vascular - Renal disease in Diabetic animals.
Cndn. Life Insurance Officers Association	Prof. G. E. Hobbs	Motor Vehicle Accident Prevention Study.
Cndn. Life Insurance Medical Research	Dr. K. K. Carroll	Support of Research of Dr. K. K. Carroll.
Cndn. Life Insurance Medical Research	Dr. G. W. Manning	Research in the broad field of Cardiology.
Cndn. Life Insurance Medical Research	Prof. A. C. Burton	Fellowship - Peter Caskell.
John Labatt Limited	Prof. R. J. Rossiter	Research by the Dept. of Bio- chemistry into the medical applicability of certain isotopes.
Sundry Donors	Faculty of Medicine	Medical Alumni Research Fund.
F. K. Morrow Foundation	Prof. G. E. Hobbs	The Relation of Population Changes to Health and Disease.
R. C. A. F.	Dr. G. W. Manning	Cardiovascular Study No. 2.
J. McClary Memorial Fund	Prof. G. E. Hobbs	Research in Industrial Medicine.
D. H. McDermid Fund		
John & Mary R. Markle Foundation	Dr. L.G. Stevenson	Support of Research of Dr. L. G. Stevenson.
National Research Council	Prof. E. M. Watson	The biochemistry of connective tissues with particular refer- ence to the metabolism of the mucopolysaccharides.
National Research Council	Prof. A. C. Burton	Local Cooling of the Body, Radiation, etc.
National Research Council	Prof. G. W. Stavrakys	Study of the irritability of partially isolated neurones in the central nervous system to electric and reflex stimulation.
National Research Council	Prof. C. C. Macklin	The epithelium of the finer bronchioles.

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
National Research Council	Prof. R. G. E. Murray	Bacteriophage metabolism: the influence of bacteriophage infection of bacterial enzymes.
National Research Council	Dr. C. W. Gowdey	The effects of digitalis and related steroids on heart failure produced by increased venous pressure.
National Research Council	Prof. M. L. Barr	Cytomorphological and cytochemical changes in motor neurons following activity.
National Research Council	Prof. M. L. Barr	A Morphological distinction between neurons of the male and female.
National Research Council	Dr. G. W. Manning	Effects of sympathetic blocking agents on experimental coronary occlusion.
National Research Council	Prof. R. G. E. Murray	A cytological study of bacterial cells inflicted with bacteriophage.
National Research Council	Prof. A. D. McLachlin	Behaviour of bone transplants and the role of venous spasm in shock.
National Research Council	Prof. E. M. Watson	Genetical factors in the aetiology of diabetes mellitus.
National Research Council	Prof. R. A. Waud	Extra-cardiac actions of digitalis especially on the kidney of an animal in which the circulation is maintained by means of a mechanical device.
National Research Council	Dr. J. B. Collip	Consolidated Block Grant.
National Research Council	Prof. R. J. Rossiter	Consolidated Grant - A biochemical study of demyelination, a biochemical approach to the physiology of the white blood cell.
National Research Council	Dr. C. F. Robinow	Cytological Studies of bacteria.
National Research Council	Prof. A. D. McLachlin	The role of venous spasm in shock.

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<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
National Research Council	Prof. F. S. Brien	Metabolic effects of Cortisone administration in rheumatoid arthritis, ankylosing apondylitis, nephrosis and allied conditions.
National Research Council	Dr. H. A. DeLuca	The role of hormones in carbohydrate metabolism.
National Research Council	Prof. E. M. Watson	Effects of Cortisone and A.C.T.H. on the metabolism of the mucopolysaccarides.
National Research Council	Prof. R. A. Waud	Study of the actions of Cortisone on the heart and some other tissues.
National Research Council	Prof. A. C. Burton	Study of stability of components of serum, (e.g. cholesterol) by interfacial precipitation and chromatography.
National Research Council	Prof. R. G. E. Murray	A cytological study of bacterial cells infected with bacteriophage. The biochemistry of the bacterial spore. A cytological and metabolic study of an unidentified organism.
National Research Council	Prof. J.A.F.Stevenson	A study of hypothalamic centres influencing water exchange particularly thirst.
National Research Council	Dr. N. B. G. Taylor	Further investigation of the urinary excretion of antidiuretic substance in carious conditions.
National Research Council	Dr. G. W. Manning	Experimental Cardiac Catheterization.
National Research Council	Dr. H. A. DeLuca	The role of hormones in carbohydrate metabolism.
National Research Council	Dr. R. H. Pearce	Physico-chemical studies of the hyaluronic acid-hyaluronidase system.
National Cancer Institute	Prof. R. L. Noble	Studies on growth of cells in experimental animals.
National Cancer Institute	Prof. R. L. Noble	Associate Research Grant for J. D. Hamilton

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
National Cancer Institute	Prof. R. J. Rossiter	Study of the enzymes of the white blood cells with special reference to the leukaemic cells.
National Cancer Institute	Prof. M. L. Barr	The rate of heterochromatin and the nucleoprotein synthesis.
National Cancer Institute	Prof. A. C. Burton	Fellowship for W. R. Inch
National Cancer Institute	Dr. R. W. Begg	An experimental study of the malignant properties of tumours in animals.
National Cancer Institute	Dr. R. W. Begg	Fellowship for Dr. R. W. Begg.
National Cancer Institute	Prof. C. C. Macklin	Effects of urethane and other carcinogens on pulmonary alveolar wall cells in albino mice and other animals.
National Cancer Institute	Prof. R. J. Rossiter	Fellowship for Miss E. V. Wong.
National Cancer Institute	Prof. A. C. Burton	Bioelectric potentials of tumours.
National Cancer Institute	Dr. A. C. Wallace	Cancer Research
Province of Ontario	Prof. G. E. Hobbs	Special Hospital Survey Fund
Rougier Frères	Prof. R. A. Waud	Research in Pharmacology
Reckitt & Coleman Ltd.	Prof. R. A. Waud	Medical Research
Riker Laboratories	Prof. R. A. Waud	Medical Research
R. C. A. F.	Prof. G. W. Stavrakys	Basamotor reactions encountered during Anoxia.
Province of Ontario	Dr. G. B. Sexton	Research in improved instruction in Venereal Disease.
<u>University College</u>		
Ont. Cancer Treatment & Research Foundation	Prof. R. C. Dearle	Investigation of possible therapeutic effects of ultra high frequency radiation.

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<u>Name of Grantor</u>	<u>University College Name of Grantee</u>	<u>Description of Project</u>
Defence Research Board	Prof. R. C. Dearle	Investigation of Infra-Red Radiation.
Defence Research Board	Dr. G. H. Turner	Supervision as a factor in morals.
Defence Research Board	Mr. E. H. Tull	Defence Research Board Crystal Project.
Defence Research Board	Prof. A. W. A. Brown	Research in the Physical Basis of Insect Repellancy.
Defence Research Board	Dr. F. L. M. Pattison	Chemical Research Contract.
Defence Research Board	Prof. A. D. Misener	The establishment of a Radiation Centre.
Defence Research Board	Prof. A. D. Misener	Research on the application of Schlieren method to problems of heat detection.
Defence Research Board	Prof. R. C. Dearle	Physics Research Contract
Ont. Dept. of Health	Prof. R. B. Liddy	Postgraduate Training in Clinical Psychology.
Ont. Dept. of Health	Prof. R. B. Liddy	Perceptual Reversals in Psychotics.
National Research Council	Dr. C. Sivertz	Synthetic Rubber Extramural Research
National Research Council	Dr. G. H. Turner	The educability of Indians of the Caradoc Reserve.
National Research Council	Dr. J. H. Blackwell	Microwave spectroscopy
National Research Council	Prof. R. C. Dearle	Wave guide and cavity resonator accelerators.
National Research Council	Dr. F. L. M. Pattison	Researches into new anti-oxidants for synthetic rubber.
National Research Council	Professor J. W. Burns	Derivatives of diphenyl cyanamide.
National Research Council	Professor A. R. Walker	A study of antibiotic production by parasitic soil inhabiting actinomycetes.

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
National Research Council	Prof. A. W. A. Brown	The effect of insecticides on the physiology of insect nerve.
National Research Council	Dr. R. H. Stinson	Effects of environmental factors on small mammals.
Ont. Research Council	Dr. R. H. Stinson	A study of European Hare
Ont. Research Council	Dr. R. H. Stinson	The relationship between small mammals and tree seeds.
Ont. Research Council	Prof. A. D. Misener	Physics Research
National Cancer Institute	Prof. Helen Battle	Study of factors modifying rate of early developmental processes.
National Cancer Institute	Dr. D. A. McLarty	Cancerous response of plants to chemical stimuli.
National Cancer Institute	W. G. Barker	Fellowship for W. G. Barker
Ont. Research Council	Dr. D. M. Scott	Limnology of Lake Erie.
Ont. Research Council	Prof. A. D. Misener	Development of Probe Method for measuring Thermal Conductivity of Rocks in situ.
Ont. Research Council	Professor G. H. Reavely	Pleistocene Investigations in Southwestern Ontario.
Ont. Research Council	Prof. A. R. Walker	Study of soil microflora in relation to incidence of common scab of potato.
Ont. Research Council	Dr. R. H. Stinson	Ecology of mammals in Rondeau Park. Taxonomy and Ecology of the wolf in Southern Ontario.
Ont. Research Council	Dr. W. W. Judd	Study of the Biology of Mosquitoes in the vicinity of London, Ontario.
U. S. Air Force	Prof. A. D. Misener	United States Air Force Research Project.

Museums

Province of Ontario	W. Jury	Archaeological Research
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School of Business Administration

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
Sundry Donors	School of Business Administration	Business 20 Case Account
Sundry Donors	Dean L. W. Sipherd	I. D. A. C. Research Account.
Sundry Donors	Dean L. W. Sipherd	Management Training Course Research Account.

School of Nursing

W. K. Kellogg Foundation	School of Nursing	Miscellaneous Research and Fellowships.
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Appendix C

STAFF CHANGES

Appointments

University College

R. Uffen Instructor in Geophysics (Research Fellow),  
Department of Physics.  
H. Martin Honorary Professor, Department of Chemistry  
B. N. Smallman Honorary Lecturer, Department of Zoology  
H. A. U. Monro Honorary Lecturer, Department of Zoology  
J. W. Burns Acting Head, Department of Chemistry (Jan. 1, 1952)  
R. A. Ludwig Honorary Lecturer, Department of Botany  
W. H. Minshall Honorary Lecturer, Department of Botany  
E. Y. Spencer Honorary Lecturer, Department of Chemistry  
T. Bartroli Instructor, Department of Romance Languages  
N. L. Wilson Instructor, Department of Philosophy  
K. Ferguson Lecturer (Part-time), Department of Psychology  
W. J. Pillsworth Lecturer (Part-time), Department of Physical,  
Health and Recreation Education  
H. N. Blackwell Instructor, Department of Psychology  
G. E. Cole Lecturer, (Part-time), Department of Music.

Faculty of Medicine

J. A. F. Stevenson Professor and Head, Department of Physiology, and  
Lecturer, Department of Medical Research.  
R. Haggar Instructor, Department of Anatomy  
W. A. Tillmann Instructor, Department of Psychiatry  
C. R. Engel Assistant Professor, Department of Medical Research  
C. L. Hannay Honorary Lecturer, Department of Bacteriology and  
Immunology  
G. A. F. Wainwright Instructor, Department of Anaesthesia  
M. B. Hill Instructor, Department of Radiology  
E. S. Goddard Instructor, Department of Medicine

School of Business Administration

D. W. Ladd Lecturer  
F. L. Norwood Lecturer (Part-time)  
Miss W. Beno Assistant and Lecturer (Part-time)  
J. B. Washington Instructor

University

Mrs. H. F. Struckett Warden, Spencer Hall  
R. Phibbs Acting Alumni Director and Secretary, W.O.S.S.A.  
E. Slatter Business Manager, Athletics.

Promotions

University College

R. E. K. Pemberton	Associate Professor to Professor, Department of Classics.
Miss M. A. Hynd	Secretary to Assistant Principal's Office, and Assistant, Department of Secretarial Science.
H. K. Kalbfleisch	Associate Professor and Head, to Professor and Head, Department of German, and Associate Director, Summer School
W. A. Balderston	Assistant Professor to Associate Professor, Department of History
Mrs. I. Dingman	Lecturer to Assistant Professor, Department of Journalism.
H. E. Jenkin	Associate Professor to Professor, Department of Romance Languages, and Director, Trois Pistoles Summer School
Miss F. Montgomery	Assistant Professor to Associate Professor, Department of Romance Languages
J. Metford	Instructor to Lecturer, Department of Romance Languages.
L. Ignatieff	Associate Professor to Associate Professor and Head, Department of Russian Studies
A. Dreimanis	Lecturer to Assistant Professor, Department of Geology
E. Brannen	Lecturer to Assistant Professor, Department of Physics
W. W. Judd	Assistant Professor to Associate Professor, Department of Zoology
E. F. Zeigler	Professor and Acting Head to Professor and Head, Department of Physical, Health and Recreation Education.
Miss Jean Carmichael	Instructor to Lecturer, Department of Physical, Health and Recreation Education
Miss Jean Ramsay	Lecturer to Assistant Professor, Department of Physical, Health and Recreation Education

Faculty of Medicine

R. L. Noble	Professor, Department of Medical Research, to Professor and Associate Head, Department of Medical Research, and Honorary Lecturer, Department of Physiology.
D. Mills	Junior to Senior Fellow, Department of Pathology
Mrs. J. Bittner	Instructor to Lecturer, Department of Bacteriology and Immunology
K. K. Carroll	Research Fellow to Lecturer, Department of Medical Research
W. C. Sharpe	Senior Associate to Assistant Professor, Department of Medicine
E. M. Watson	Professor and Head, Department of Pathological Chemistry; Instructor to Senior Associate, Department of Medicine.

Faculty of Medicine

J. A. McLachlin Fellow to Instructor, Department of Surgery,  
and Instructor, Department of Anatomy  
P. Hauch Instructor to Senior Associate, Department of  
Radiology  
E. S. Goddard Instructor to Senior Associate, Department of  
Psychiatry  
R. G. Knipe Instructor to Lecturer, Department of Clinical  
Preventive Medicine  
J. D. Hamilton Research Fellow to Lecturer, Department of  
Medical Research  
I. C. Price Teaching Fellow to Instructor, Department of  
Medicine  
E. V. Metcalfe Instructor, Department of Clinical Preventive  
Medicine, to Instructor, Department of Clinical  
Preventive Medicine and Instructor, Department of  
Psychiatry  
C. G. Drake Fellow to Instructor, Department of Surgery  
D. W. B. Johnston Instructor to Senior Associate, Department of  
Surgery  
R. E. Greenway Fellow in Otolaryngology and Research Fellow,  
Department of Biophysics, to Instructor,  
Otolaryngology and Research Fellow, Department  
of Biophysics.

School of Business Administration

W. R. Waugh Lecturer to Assistant Professor

Resignations

University College

J. I. Jackson Instructor, Department of English  
J. Wainwright Instructor, Department of Psychology  
C. Moore Instructor, Department of German, and Instructor,  
Department of Romance Languages  
D. Marin Instructor, Department of Romance Languages  
N. L. Nicholson Lecturer, Department of Geography  
P. F. Pfalzner Instructor, Department of Physics

Faculty of Medicine

R. L. Noble Professor and Head, Department of Physiology  
P. M. Andrus Assistant Professor, Department of Radiology



Leaves of Absence

University College

R. Shervill	Lecturer, Department of Romance Languages
J. A. Gunton	Professor and Head, Department of Chemistry (From January 1)
W. J. L'Heureux	Lecturer, Department of Physical, Health and Recreation Education (From February 1)

Faculty of Medicine

E. R. Plunkett	Lecturer, Department of Medical Research
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School of Business Administration

J. M. Hamilton	Assistant Professor
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Deaths

A. J. Slack	Formerly Dean, Faculty of Public Health
E. D. Busby	Professor of Genitourinary Surgery, Faculty of Medicine
E. Seaborn	Formerly Associate Professor of Surgery and Lecturer of Medical Ethics, Faculty of Medicine
K. C. Falkner	Instructor, Department of Radiology, Faculty of Medicine
W. J. Brown	Former Professor and Head, Ophthalmology, Otology, Rhynology and Laryngology
W. N. Hardman	Instructor, Department of Anaesthesia, Faculty of Medicine.

Retirements

Faculty of Medicine

W. J. McLean	Associate Professor of Physiotherapy
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Libraries

Miss E. M. Sullivan	Medical Librarian
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Appendix D

PUBLICATIONS OF THE FACULTY AND GRADUATE STUDENTS

FACULTY OF ARTS AND SCIENCE

Department of Economic and Political Science

Inman, M. K.

[Review] "Principles of Economics, by Ralph H. Blodgett. Rinehart & Co., New York, 1951. 688p." The Business Quarterly. v. 16, no. 3, 1951-52, p. 185.

Department of English

Klinck, C. F.

"Early theatres of Waterloo County." Waterloo Historical Society. Annual Report. v. 39, 1951. p. 14-17.

Department of Geography

Pleva, E. G.

"Some effects of the St. Lawrence seaway." The Business Quarterly. v. 16, no. 4, 1951-52. p. 210-218.

Department of Geology

Dreimanis, A.

"The Burley site. Appendix. Age determination of the Burley site, Port Franks, Ontario, by geological methods." Ontario History. v. 44, no. 2, 1952. p. 72-75.

[and also articles in geology and mineralogy published in the Latvian Encyclopedia, Stockholm, Sweden.]

Jffen, R. J., and Misener, A. D.

[Abstract] "A Method of estimating the melting point gradient in the earth's mantle." Royal Society of Canada. Proceedings and Transactions, 3d. ser. v. 46, 1952. p. 153 of Appendix C.

Department of Journalism

Wild, J. L.

"Using text books in training staff." Canadian Managing Editors' Conference, Winnipeg, 1952. Annual Meeting, Official Report of Proceedings. p. 5-6.

Department of Philosophy

Hilliard, A. L.

[Review] "Die Fragmente der Vorsokratiker. Hermann Diels. Sechste, verbesserte Auflage, herausgegeben von Walther Kranz. Erster Band. Berlin - Grunewald: Weidmannsche Verlagsbuchhandlung. 1951. xii, 504pp. (Obtainable through International University Booksellers Ltd., 94 Gower St., London, W.C.1, at £2/17/6." Journal of Philosophy. v. 49, no. 6, 1952. p. 191-192.

Department of Philosophy

[Review] "Straton von Lampsakos. Fritz Wehrli. (Die Schule des Aristoteles, Heft V.) Basel: Benno Schwabe & Co. 1950. 83pp. Fr. 12." Journal of Philosophy. v. 49, no. 6, 1952. p. 196-198.

Johnson, A. H.

"Comments I." Philosophy in Canada; a symposium. Ed. John A. Irving. Toronto, University of Toronto Press, 1952. p. 40-43.

"Recent discussions of Alfred North Whitehead." The Review of Metaphysics. v. 5, no. 2, 1951. p. 293-308.

Department of Physical, Health and Recreation Education

Conway, D. R.

\*\* "The Case for wrestling in Ontario secondary schools." C.A.H.P.E.R. Newsletter, no. 3, 1951.

Cotie, T. W.

\*\* "The Organization of a sports tabloid meet." C.A.H.P.E.R. Newsletter, no. 4, 1951.

Fairs, J. R.

"A Guide to outfield play." C.A.H.P.E.R. Newsletter, no. 9, 1952.

Lindsay, N. C.

"Christmas caroling in your community." C.A.H.P.E.R. Newsletter, no. 3, 1951.

McNie, M. F.

\*\* "The Art of starting." C.A.H.P.E.R. Newsletter. no. 1, 1951.

Zeigler, E. F.

"The Case for industrial recreation." Business Quarterly, v. 16, no. 4, 1951-52. p. 195-202.

[and also] C.A.H.P.E.R. Newsletter, no. 6, 1952.

[and also] Health. (for you and your family), March - April, 1952. p. 24-25, 28-29.

"A Definition of recreation (as contrasted to physical education)." Community Courier. no. 48, 1951. p. 2.

"Hand to hand combat and judo." C.A.H.P.E.R. Newsletter. no. 2, 1951.

"Procedures and steps in teaching swimming to an adult beginner." C.A.H.P.E.R. Newsletter. no. 3, 1951.

"The Working committee." C.A.H.P.E.R. Newsletter. no. 1, 1951.

\*\* See note on last page.

Department of Physics

Blackwell, J. H. and Misener, A. D.

"Approximate solution of a transient heat flow problem." The Physical Society. Proceedings. v. 64 A, pt. 12, 1951. p. 1132-1133.

[Abstract] "Approximate solution of transient heat flow problems." Royal Society of Canada. Proceedings and Transactions. 3d. ser. v. 46, 1952. p. 119 of Appendix C.

Misener, A. D.

[Abstract] "A Flowmeter suitable for the accurate measurement of small velocities in liquids." Royal Society of Canada. Proceedings and Transactions. 3d. ser. v. 46, 1952. p. 119 of Appendix C.

Misener, A. D., and Thompson, L. G. D.

"The Pressure coefficient of resistance of thermistors." Canadian Journal of Technology. v. 30, no. 4, 1952. p. 89-94.

Misener, A. D., Thompson, L. G. D., and Uffen, R. J.

"Terrestrial heat flow in Ontario and Quebec." American Geophysical Union. Transactions. v. 32, no. 5, 1951. p. 729-738.

Nicholls, R. W.

"The Analysis of molecular excitation processes." Société Royale des Sciences de Liège. Mémoires. Tome 12, Fasc. 1-2, 1952. p. 305-316.

"A Mechanism for active nitrogen." The Journal of Chemical Physics. v. 20, no. 6, 1952. p. 1040.

Nicholls, R. W. (Presented by R. C. Dearle)

[Abstract] "Active nitrogen." Royal Society of Canada. Proceedings and Transactions. 3d. ser. v. 46, 1952. p. 145 of Appendix C.

Uffen, R. J., and Misener, A. D.

[Abstract] "A Method of estimating the melting point gradient in the earth's mantle." Royal Society of Canada. Proceedings and Transactions. 3d. ser. v. 46, 1952. p. 153 of Appendix C.

Department of Psychology

Neal, L. E.

"The Psychologist as a counselor." Canadian Psychologist. v. 2, no. 2, 1952. p. 17-19.

Stevenson, G. H. and Neal, L.

Personality and Its Deviations. 2d. ed. rev. Toronto, Ryerson Press, 1951. 362p.

Turner, G. H., and Penfold, D. J.

"The Scholastic aptitude of the Indian children of the Caradoc Reserve." Canadian Journal of Psychology. v. 6, no. 1, 1952. p. 31-44.

Department of Romance Languages

Collin, W. E.

"Letters in Canada: 1950. Part II, [Section] VI." University of Toronto Quarterly. v. 20, no. 4, 1951. p. 388-423.

"Quebec's changing literature." Canadian Forum. v. 31, no. 374, 1952. p. 274-276.

Department of Zoology

Battle, H. I.

"Contributions to a study of the life history of hake, Spawning with notes on age determination." Fisheries Research Board. Manuscript Report. no. 434, 1951. 21p.

"The Fundy survey: the hake fishery." Fisheries Research Board. Manuscript Report. no. 454, 1952. 40p.

"The Fundy survey: the mackerel fishery." Fisheries Research Board. Manuscript Report. no. 421, 1951. 21p.

Battle, H. I., and Hisaoka, K.K.

"Effects of ethyl carbamate (urethan) on the early development of the teleost Brachydanio rerio." Cancer Research. v. 12, no. 5, 1952. p. 334-340.

Brown, A. W. A.

"Studies on the responses of the female Aedes mosquito. Part IV. Field experiments on Canadian species." Bulletin of Entomological Research. v. 42, pt. 3, 1951. p. 575-582.

Brown, A. W. A., Sarkaria, D.S., and Thompson, R. P.

"Studies on the responses of the female Aedes mosquito. Part I. - The search for attractant vapours." Bulletin of Entomological Research. v. 42, pt. 1, 1951. p. 105-114.

Judd, W. W.

"Black terns nesting in the Dundas Marsh." Wood Duck. v. 5, no. 4, 1951. p. 5

"A Burrowing wasp stocking its nest with a grasshopper." The Cardinal. no. 4, 1952, p. 2-4.

"Cacoecia melaleucana Walker (Lepidoptera: Tortricidae) and its hymenopterous parasites reared from Trillium grandiflorum (Michx.) Salisb." American Microscopical Society. Transactions. v. 71, no. 2, 1952. p. 125-128.

"John Alston Moffat and his work in entomology while resident in London." The Cardinal. no. 5, 1952. p. 3-8.

Department of Zoology

Judd, W. W.

"Lynchia americana (Leach) (Diptera: Hippoboscidae) from a great horned owl at St. Thomas, Ontario." Canadian Field-Naturalist. v. 65, no. 5, 1951. p. 187.

"Nabis ferox L. (Hemiptera: Nabidae) biting a human." Entomological News. v. 63, no. 5, 1952. p. 130.

"The Proventriculus of the diamond beetle, Entimus nobilis Oliv., (Coleoptera: Curculionidae)." The Canadian Entomologist. v. 84, no. 6, 1952. p. 181-184.

"Some birds seen at Goose Bay, Labrador." The Cardinal. no. 3, 1951. p. 21-23.

"Some records of birds nesting in the Winnett swamp at London." The Cardinal. no. 6, 1952. p. 12-15.

Peterson, D. G., and Brown, A. W. A.

"Studies on the responses of the female Aedes mosquito. Part III. The response of Aedes aegypti (L.) to a warm body and its radiation. Bulletin of Entomological Research. v. 42, pt. 3, 1951. p. 535-541.

Sarkaria, D. S., and Brown, A. W. A.

"Studies on the responses of the female Aedes mosquito. Part II. The Action of liquid repellent compounds." Bulletin of Entomological Research. v. 42, pt. 1, 1951. p. 115-122.

Library

Benson, L. R.

[Review] "A Century of Western Ontario: The story of London, 'The Free Press', and Western Ontario, 1849-1949. by Orlo Miller. Toronto, The Ryerson press, 1949." Inland Seas. v. 7, no. 2, 1951. p. 142-143.

Bogue, A. G.

"Marcus Gunn's printing office." Western Ontario Historical Notes. v. 9, no. 3, 1951. p. 106-119.

Bogue, A. G., and Benson, L. R., editors

"An Engineer on the Great Western; a selection from the personal reminiscences of Silas Wright Burt." Western Ontario Historical Nuggets. no. 17, 1952. 35p.

Talman, J. J.

"Fiftieth annual conference Ontario Library Association. - 1952 meeting place." Ontario Library Review. v. 34, no. 1, 1952. p. 3-4.

[Review] "Regional Ontario history; an imaginative experiment - The Valley of the Lower Thames (1640-1850). by F. C. Hamil; University of Toronto Press, 390 pages with pictures and maps." Western Ontario Historical Notes. v. 9, no. 4, 1951. p. 156-157.

Museum

Jury, W., and Jury, E. McL.

"The Burley site." Ontario History. v. 44, no. 2, 1952. p. 57-71.

School of Business Administration.

Fox, E. J.

[Review] "Basic methods of marketing research, by James H. Lorie and Harry V. Roberts. McGraw Hill Co. of Canada, Ltd., Toronto, 1951. 453p. \$8.10" Business Quarterly. v. 16, no. 4, 1951-52. p. 236-237.

[Review] "Marketing research, by Ernest S. Bradford. McGraw-Hill Book Co., New York, 1951. 379 pages." Business Quarterly. v. 16, no. 3, 1951-52. p. 184.

[Review] "Operating results of department and specialty stores in 1950, by Malcolm P. McNair, Division of Research, Harvard Business School, Boston, 1951. 58pp. \$5.00. and Operating results of limited price variety chains in 1950, by Esther M. Love, Division of Research, Harvard Business School, Boston, 1951. 26 pp. \$2.00." Business Quarterly. v. 16, no. 4, 1951-52. p. 236.

"The Poll of Canadian executive opinion." Business Quarterly. v. 16, no. 4, 1951-52. p. 203-209.

Ladd, D. R.

[Review] "Taxation in Canada, by J. Harvey Perry. Sponsored by the Canadian tax foundation. University of Toronto Press, Toronto, 1951. 409pp." Business Quarterly. v. 16, no. 4, 1951-52. p. 237-238.

Ready, R. K.

[Review] "The House of labor. Edited by J. B. S. Hardman and Maurice F. Neufeld and prepared under the auspices of the Inter-Union Institute, Inc. Prentice-Hall, Inc., New York, 1951. 555pp. \$7.65." Business Quarterly. v. 16, no. 3, 1951-52. p. 182-183.

Sipherd, L. W., and Thompson, W. A.

"The University and executive training." Business Quarterly. v. 16, no. 4, 1951-52. p. 219-227.

Steiss, E. A.

"Common stocks as long-term investments." Business Quarterly. v. 16, no. 2, 1951-52. p. 72-81.

Thompson, W. A.

[Review] "Sales management, by D. M. Phelps. Richard D. Irwin Inc., Chicago, 1951. 902pp. \$7.35." Business Quarterly. v. 16, no. 4, 1951-52. p. 239-240.

Wettlaufer, J. J.

"What do high school students know about business?" [parts 2-3] Business Quarterly. v. 16, no. 2-3, 1951-52. p. 59-71; 157-169.

Faculty of Medicine  
Department of Anatomy

Barr, M. L.

"La Cellule nerveuse." Science. v. 114, no. 2956, 1951. p. 215-216.

[Dr. Barr has abstracted the Journal of Neurosurgery for Biological Abstracts. He has also assisted Dr. Arthur Ham in the preparation of the second edition of Histology by advising on the Nervous System chapter and preparing an account of the sex chromatin for the Cell chapter. The Department of Anatomy has supplied Dr. Ham with 14 illustrations for these chapters. New illustrations have also been supplied for the last editions of the Physiological Basis of Medical Practice (Best and Taylor) and Fulton's Physiology of the Nervous System. Finally, illustrations of the sex chromatin in the adrenal have been sent on request to Professor R. Bachmann, University of Göttingen; Göttingen, Germany for publication in a new book on the adrenal cortex.]

Graham, M. A., and Barr, M. L.

"A Sex difference in the morphology of metabolic nuclei in somatic cells of the cat." Anatomical Record. v. 112, no. 4, 1952. p. 709-723.

Lindsay, H. A., Ferguson, Y. J., and Barr, M. L.

[Abstract] "Behaviour of the sex-influenced chromatin during restoration of Nissl material following chromatolysis." National Cancer Institute Journal. v. 12, no. 1, 1951. p. 244.

Moore, K. L., Graham, M.A., and Prince, R. H., (introduced by M. L. Barr)

[Abstract] "Nuclear morphology in mammalian somatic cells." Anatomical Record. v. 112, 1952. p. 364.

Department of Bacteriology and Immunology

Burt, N. S., Murray, R. G. E., and Rossiter, R. J.

"Nucleic acids of rabbit reticulocytes." Blood, v. 6, no. 10, 1951. p. 906-915.

Murray, R. G. E., and Loeb, L. J.

\* "Antibiotics produced by Micrococci and Streptococci that show selective inhibition within the genus Streptococcus." Canadian Journal of Research. Section E. v. 28, no. 5, 1950. p. 177-185.

Murray, R. G. E., and Robinow, C. F.

"A Demonstration of the disposition of the cell wall of Bacillus cereus." Journal of Bacteriology. v. 63, no. 2, 1952, p. 298-300.

Robinow, C. F.

"Observations on the structure of bacillus spores." The Journal of General Microbiology. v. 5, no. 3, 1951. p. 439-457.

\* See note on last page.



Department of Biochemistry

Brien, F. S., Turner, D. A., Watson, E. M., and Geddes, J. H.  
"A Study of carbohydrate and fat absorption from the normal and diseased intestine in man. I. The absorption and excretion of D-Xylose." Gastroenterology. v. 20, no. 2, 1952. p. 287-293.

"A Study of carbohydrate and fat absorption from the normal and diseased intestine in man. II. Changes in the serum lipids in man after the ingestion of butter-fat with and without Tween 80 (Sorlate)." Gastroenterology. v. 20, no. 2, 1952. p. 294-297.

Burt, N. S., Murray R. G. E., and Rossiter, R. J.  
"Nucleic acids of rabbit reticulocytes." Blood, v. 6, no. 10, 1951. p. 906-915.

Crohn, B. B., and Turner, D. A.  
"Porcine ileitis." Gastroenterology. v. 20, no. 2, 1952. p. 350-351.

DeLuca, H. A., and Gray, D.  
[Abstract] "Effect of insulin on arterio-venous glucose differences." Canadian Physiological Society. 15th Annual Meeting, Kingston, 1951. Proceedings. p. 13-14. [and also] Revue Canadienne de Biologie. v. 11, no. 1, 1952. p. 58.

DeLuca, H. A., and Lovegrove, T. D. (introduced by A. B. Macallum)  
[Abstract] "In vitro incorporation of radioactive phosphate into rabbit reticulocytes." Federation Proceedings. v. 11, no. 1, pt. 1, 1952, p. 201.

Gray, D., and DeLuca, H. A.  
[Abstract] "Effect of Alpha-Tocopherol Acetate on arterio-venous glucose differences." Canadian Physiological Society. 15th Annual Meeting, Kingston, 1951. Proceedings. p. 20-21. [and also] Revue Canadienne de Biologie. v. 11, no. 1, 1952. p. 64.

Hollinger, D. M., Logan, J. E., Mannell, W. A., and Rossiter, R. J.  
" $\beta$ -Glucuronidase activity of peripheral nerve during wallerian degeneration." Nature, v. 169, no. 4303, 1952. p. 670.

Hollinger, D. M., and Rossiter, R. J.  
[Abstract] "Acid and alkaline phosphatase in degenerating and regenerating peripheral nerve." Federation Proceedings. v. 11, no. 1, pt. 1, 1952. p. 231-232.

Logan, J. E. (introduced by A. B. Macallum)  
[Abstract] "Protein-bound phosphorus compounds in peripheral nerve during wallerian degeneration." Canadian Physiological Society. 15th Annual Meeting, Kingston, 1951. Proceedings. p. 28-29. [and also] Revue Canadienne de Biologie. v. 11, no. 1, 1952. p. 70.

Department of Biochemistry

- Lovegrove, T. D., DeLuca, H. A., and Rossiter, R. J.  
"The in vitro incorporation of radioactive phosphate into rabbit reticulocytes." Canadian Journal of Medical Sciences. v. 30, no. 2, 1952. p. 143-150.
- McColl, J. D., and Rossiter, R. J.  
"A Comparative study of the lipids of the vertebrate central nervous system. I. Brain." The Journal of Experimental Biology. v. 29, no. 2, 1952, p. 196-202.  
  
"A Comparative study of the lipids of the vertebrate central nervous system. II. Spinal cord." The Journal of Experimental Biology. v. 29, no. 2, 1952. p. 203-210.
- McLachlin, J., Paul, R., and Paterson, J. C.  
"A Critical evaluation of the antithrombin test for venous thrombosis." Surgery, Gynecology and Obstetrics. v. 94, no. 3, 1952. P. 297-301.
- McNabb, A. R.  
"Enzymes of gray matter and white matter of dog brain. The distribution of certain nonoxidative enzymes." Canadian Journal of Medical Sciences. v. 29, no. 4, 1951. p. 208-215.
- Mannell, W. A.  
"Wallerian degeneration in the rat. A chemical study." Canadian Journal of Medical Sciences. v. 30, no. 3, 1952. p. 173-179.
- Mannell, W. A. (introduced by R. J. Rossiter)  
[Abstract] "Determination of nucleic acids in tissue from the nervous system." Canadian Physiological Society. 15th Annual Meeting, Kingston, 1951. Proceedings. p. 31-32. [and also] Revue Canadienne de Biologie. v. 11, no. 1, 1952. p. 72-73.
- Mannell, W. A., and Rossiter, R. J.  
"Effect of age on wallerian degeneration in the rat." Society for Experimental Biology and Medicine. Proceedings. v. 80, no. 2, 1952. p. 262-264.
- Rossiter, R. J., and Hollinger, D. M.  
[Abstract] "Beta-Glucuronidase of peripheral nerve during wallerian degeneration." Canadian Physiological Society. 15th Annual Meeting, Kingston, 1951. Proceedings. p. 40. [and also] Revue Canadienne de Biologie. v. 11, no. 1, 1952. p. 79.
- Rossiter, R. J., DeLuca, H. A., and Strickland, K.P.  
[Abstract] "Incorporation of radioactive phosphate into certain protein-bound phosphorus fractions of brain." Federation Proceedings. v. 11, no. 1, pt. 1, 1952. p. 277.
- Strickland, K. P., DeLuca, H. A., and Rossiter, R. J.  
[Abstract] "Incorporation of radioactive phosphate into brain slices in vitro." Chemistry in Canada. v. 4, no. 5, 1952. p. 66(96).

Department of Biochemistry

Wong, E.

"Ali-esterase of rabbit polymorphonuclear leucocytes." Nature.  
v. 168, no. 4263, 1951. p. 80-81.

Wong, E. (introduced by A. B. Macallum)

\* [Abstract] "Substrate specificity of rabbit polymorphonuclear  
leucocyte ali-esterase." Federation Proceedings. v. 10, no. 1,  
pt. 1, 1951. p. 271-272.

Wong, E., and Rossiter, R. J.

"Inhibitors of the  $\beta$ -Glucuronidase of rabbit polymorphonuclear  
leucocytes." Canadian Journal of Medical Sciences. v. 29, no. 4,  
1951. p. 195-207.

Department of Biophysics

Burton, A. C., Girling, F., and Jerrard, W.

[Abstract] "General theory of the shape of pressure-flow curves  
in vascular beds." Federation Proceedings. v. 11, no. 1, pt. 1,  
1952. p. 21.

Burton, A. C., and Yamada, S.

"Relation between blood pressure and flow in the human forearm."  
Journal of Applied Physiology. v. 4, no. 5, 1951. p. 329-339.

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\* Omitted from last year's report.

\*\* Citation not verified.