

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

1955-56

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REPORT OF THE PRESIDENT AND VICE-CHANCELLOR

FOR THE YEAR 1955-56

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

"Progressive universities are an index to a progressive society, stabilized universities to a stabilized society, stagnant universities to a stagnant society. Flourishing universities cannot exist in a community folding its hands to sleep."

These words spoken many years ago with respect to European universities should be reminders to us in this generation. We, in Canada, are not in a stagnant society; we are not in a stabilized society. We are in a progressive society!

We are in a period of exciting development. We are seeing our forbidding frontiers being pushed back by science, by engineering, by the determination of enterprising, pioneering people. We are seeing the impossible being made possible. We are experiencing the twentieth century rediscovery of Canada. Our population is increasing, our standard of living is rising, and our responsibilities are increasing. The complexity of our society heightens - the challenges to education are made greater. These are stimulating, impelling, changing times - demanding forthright thought and courageous action.

This past year I had the opportunity of addressing many Canadian Clubs across Canada, and previously the Engineering Institute of Canada, and selected as my subject "The Tide and Crisis". It was a subject of concern to us all. It dealt with the specific, new, concrete problems facing the universities during the next ten years - the simple problems of economics coincident with a growing nation, the problems associated with a doubling of the numbers of university students during that period. I stated at that time, "More and permanent facilities will have to be provided; more university teachers will have to be prepared and appointed. Higher salaries will have to be provided for the members of the staffs - so that they too may share in the material benefits of a higher standard of living experienced already by most groups in Canada but largely denied to university teachers." I spoke of the crises.

A crisis, by the way, simply means "a turning point in the progress of anything"; also, "a state of affairs in which a decisive change for better or worse is imminent". To me the crisis to which many have referred is not "for worse"; it is "for better". Better because thousands more young men and women will be given the opportunities of higher education, of sharing in the greater responsibilities coincident with our expanding economy, of making Canada a finer place for their having lived in it, and of bringing to further realization our hopes of equal opportunities for all.

The economic expansion of Canada has been rapid. It has outrun the available manpower. The manpower shortage, so often considered as temporary and referable chiefly to scientists and engineers and technicians, is anything but temporary. It would appear to be continuing and long-ranged in

its implications. And it is not limited in its pattern - it is a total manpower deficiency. The so-called "Tide and Crisis", being faced by the universities and other educational institutions should therefore be considered as our great hope, as the real rainbow in Canada's economic horizon, as the sunshine after the storm. The "crisis" is a great opportunity for Canada.

There are problems to be sure, the greatest of which I think, is the scarcity of teachers - particularly science and mathematics teachers at the secondary school level. But from the vast reservoir of young men and women can come the brains and the skills which can not only overcome our manpower shortage but provide a constant and even an ever-increasing supply of talented young people upon whom the future of this country is, in such large measure, dependent. These young men and women, able as the majority are, gifted as many of them are, must be brought along to the extent of their capacities, stimulated towards higher levels of education in whatever line of endeavour they choose - Canada can utilize all of them. Those who graduate in the humanities and social sciences - those who, one day, will solve the great social problems of our industrial and scientific civilization - are just as vital to this country as are the presently and urgently needed graduates in engineering and the natural sciences. The same attention has not been focused on this aspect as much as it should be. In directing our attention to the whole problem we should not lose sight of any single portion.

In previous reports I have reviewed the significant aspects of the problems related to the unprecedented numbers of pupils in our primary and secondary schools and the subsequent impact on the universities of Canada. And in this connection it is pertinent to consider the enlightened, realistic and encouraging policy of the Government of the Province of Ontario relative to the support of higher education which was re-emphasized by the Honourable Dana Porter, Provincial Treasurer, in his Budget Address on March 1st, 1956. In part, he said:

"Greater opportunities for our young people to obtain a higher education strengthen the whole fabric of our society, for the prime bulwark of our democratic way of life is a well-educated and enlightened people. As well as enlightenment, technical skill of the kind obtained in applied scientific courses is needed. To maintain our position in scientific and technical knowledge, many students will need to engage in mathematical and scientific studies. . . . . and if the countries of the Atlantic Alliance do not continue to expand their educational opportunities in these fields, they may find themselves lagging in world developments. But more than education in the technical sciences is required; the humanities and social sciences must not be neglected. Our efforts must be devoted to achieving a balanced programme of university expansion.

"With this as our objective, the Chief Director of Education of the Province (Dr. G. J. Althouse) has been

appointed to act in a coordinating and advisory capacity in respect to the long range plans that will be required to provide the universities with facilities and staff to accommodate the impending flood of applicants. The responsibility for initiating plans will, of course, rest with the universities themselves. They have the judgment, the experience and the self interest to bring into effect, in cooperation with the Province, an integrated program tailored to meet our future requirements."

"The responsibility for initiating plans will, of course, rest with the universities themselves." This is doubly significant when one realizes that the Government of the Province of Ontario, recognizing the additional financial needs of the universities of the province, has increased its maintenance grants from \$2.5 million in 1945-46 to \$7.3 million in 1955-56, and a further increase of nearly \$1 million will be effected for 1956-57. Additionally it has provided more than \$12 million in capital grants between 1952 and 1956 and a further \$7.2 million for 1956-57. The attitude and the action of the Government are indeed heartening. And it would be virtually impossible to conceive of this degree of assistance without some semblance of control or supervision. But there is none; healthy interest, yes; acute cognizance of our problems, yes; sincere concern for our welfare, yes; recognition of our growing responsibilities, yes; but control or regulation or supervision, no.

Incidentally, for many years Western has considered itself as a "private" university, but this status has been questioned recently on the basis of the number of members of the Board of Governors appointed by the Provincial Government and by the Municipal Government. However the point has been clarified officially and this institution is definitely considered by Government as a private university in exactly the same category as are Queen's and McMaster. This is especially significant when one recalls the great financial support which Western receives from the Government of the Province of Ontario.

For several years the Board of Governors, the Senate and indeed the whole university have been aware of the expected increase in the numbers of young people who will be seeking admission to the universities during the decade 1955-1965. The decision of the Board to embark upon yet another programme of expansion was a very significant one. But it was as inevitable as it was courageous.

In considering the newly announced expansion we should not lose sight of the fact that the building programme which took place between 1946 and 1955 was based upon the needs of Western with an intramural enrollment of some 2500 - 3000 students. It was essentially the provision of facilities which previously did not exist. But now we are in the midst of another type of building programme - a building programme to provide facilities for an increased number of students. Let us examine this question further.

There are several ways in which this expected flood of students

may be provided with the opportunities of higher education. I would like to suggest the manner which appears to me to be the most realistic, the least expensive and academically the best in planning for our increased responsibility.

It is my firm belief that any expansion of or increase in numbers of professional schools or faculties during the next ten to twenty years should be made at existing universities. I feel this for the following reasons:

1. Professional faculties and schools must be, if they are to remain educational in outlook, purpose and meaning, integral parts of a total educational environment. This can be supplied through the presence of members of staff of other disciplines, through contact of the students with other students in other courses, and through the conduct of active research within the whole university. This thought applies to such professional schools or faculties as Engineering, Medicine, Dentistry, Nursing, Education, Business Administration, Law etc.

2. All of these so-called professional schools require in the early years of their courses and in some instances, throughout their courses, teaching, including in many cases laboratory work, in mathematics, physics, chemistry, biology, economics, philosophy, psychology, English, history, languages, etc. etc. Such departments, fairly adequately staffed now and fairly adequately equipped, are presently functioning in our universities. Most of the science departments have highly qualified members of staff in the needed specialties and, with relatively few additions to the staff, could handle larger numbers. At the same time, modest increases in the physical facilities of the science departments, and they are the most expensive departments in a Faculty of Arts and Science to operate, would likewise "handle" increased numbers of students.

Therefore utilizing existing departments in the sciences which can be expanded, would permit of subsequent expansion or increase in numbers of our professional schools at the present university centres. These science departments are already in existence, and in most instances I believe, can be justifiably expanded. Remember that in the spring of 1956, those expected to graduate in the various pure science honours courses from Ontario universities totalled:

Carleton 1, McMaster 31, Queen's 20, Ottawa 4, Toronto 46, Western 36.

Let us break these figures down into the various branches of science. The first figure is the number graduating this year in the particular science course in the whole of Canada, the subsequent figures are for the Ontario universities:

In Chemistry 69; Carleton 1, McMaster 5, Queen's 0, Ottawa 4,

Toronto 2, Western 9: in Physics 25; Carleton 0, McMaster 4, Queen's 0, Ottawa 0, Toronto 0, Western 4: in Mathematics and Physics 46; McMaster 2, Queen's 4, Toronto 18, Western 8: in Geology 40; McMaster 8, Queen's 3, Toronto 3, Western 8: in Biology, including Botany and Zoology, 45; Queen's 7, Toronto 3, Western 6.

May I, at this point, just offer one word of caution. Such figures might suggest that there is, and has been, considerable waste space and inefficient use of our science facilities. It might even be thought that the members of staff have not been very busy. This is not the case. In these departments, all of the teaching of the undergraduate, non-specialist science courses takes place - as well as the teaching of most of the science courses for the professional schools and faculties. At the same time in almost every science department in every university those who teach are also active in research and in the supervision of graduate students. And from these men, from these graduate students and from these departments comes the great mass of fundamental research upon which is based the important scientific, technological and industrial developments - those developments and applications which have been so significant in Ontario's and Canada's industrial expansion.

Let us assume then that with twice as many university students in our universities in 5 years' time and the same proportion electing to take Honours Science courses, we would have in a typical graduating year, and they fluctuate a bit, something like this, say in Chemistry:- Carleton 2-5, McMaster 10-15, Queen's 10-15, Ottawa 5-10, Toronto 10-30, Western 10-20. Still not very impressive figures, are they? And yet that 100% increase in Honour Science enrollment in most of the present universities could be handled, I believe, with our existing equipment, existing facilities and almost the existing staff with hardly a ripple. What is available now or could be made available through expansion in our present universities at little added expense should be a major concern.

But it may be said that the large numbers of new students will be in the so-called arts courses - the general or pass courses of three years from Grade XIII level rather than the honours courses of four years from Grade XIII level. That is correct but at the same time almost every general course student either elects to take or must take one or more science course; mathematics, physics, chemistry, botany, zoology, geology, astronomy. The teaching of these courses, even at a level lower than the honours course level, again requires very capable and highly qualified teachers (M.A. and Ph.D. qualifications), numerous laboratories, much equipment and supplies and technical assistance, demonstrators and graduate students.

In the existing universities the basic facilities and key personnel are already available to handle present numbers and I believe that most of these universities could handle double their present numbers in science courses with considerably less than a doubling of space and staff.

For the same general course students, additional non-science facilities and additional staff would have to be provided - but additional



facilities, without science laboratories, are a much less expensive matter, both initially and for annual operation, than with science laboratories. Without presuming on the policies of other universities as to their anticipated ultimate size or type of academic organization, it would seem to me that Western, at least, could reasonably be expected to increase its present enrollment to a rather marked degree, and others perhaps to a greater or lesser degree. This could be accomplished in different ways without impairing the academic integrity of the universities concerned. We could retain the university atmosphere and assure that research and graduate studies would be a continuing and stimulating influence.

I believe that some of the universities in Ontario could justifiably expand their present facilities in Arts and Science and that they should be encouraged, with adequate assistance, to do so. Some of these universities could double or even treble in size, and still not be too large from an academic or administrative point of view. In fact increasing the student population could enhance the situation by a coincident increase in good staff members, a coincident development of their libraries, and a concurrent increase in total teaching and research facilities.

In other instances, as in our own case at Western, where there are a University College of arts and science and four affiliated colleges, major expansion could take the form of a constituent college or colleges of arts wherein general courses and certain selected honours courses in the humanities and social sciences could be taught. The natural sciences, both at honours and general course level, for the reasons which I have already given, could continue to be taught in the present University College.

Such constituent, non-denominational colleges, could be under the jurisdiction of the present Board of Governors, and operated by a committee of the Board as is our present Faculty of Medicine, our School of Business Administration and our School of Nursing. Academically, they would be all under the common control of the University Senate.

The advantages of providing educational opportunities for increasing numbers of students in arts courses through the development of a constituent college or colleges, rather than through expansion of the main arts and science college in a single university are several;

1. As separate academic units such colleges would develop their own character.
2. They could take the form of residential or semi-residential arts colleges with all of the tangible and intangible benefits to the students of such facilities.
3. Each such college would provide the blessings of relative smallness, but at the same time would share in the advantages of a larger educational institution - libraries, science laboratories, facilities for physical education etc.
4. Being relatively small such colleges would permit that

necessary and important staff-student relationship to be retained.

5. Scholars of outstanding merit, appointed to the staff of a constituent college could be recognized by arranging to have all students in that particular field of honours work, including those even from University College, study under him. Such recognition and reciprocity between colleges could remove any feeling of academic inferiority and assist greatly in obtaining and keeping adequate staff.

6. Such a plan, too, should lessen the loss from the university as a whole of top quality younger men who, with their chances of promotion in a large department in University College being slim, could perhaps be appointed to a vacancy at a higher rank in one of the colleges.

7. Friendly academic competition in the arts courses, which I think would be a good thing, would be almost automatic. Students in one college, electing to take certain classes under a certain professor in another college, could not help but increase academic standards.

In the case of Western University with some 2,200 full-time intramural students, exclusive of the affiliated colleges, summer school and extension students, some 1,400 of them are in the University College of Arts and Science. We think that 1700 or 1800 is large enough for that one unit. But we admit that, with about 500 acres of campus, a library which could not be duplicated, even if it was possible, for many millions of dollars, with a boiler plant, water supply, sewage services etc. adequate for major expansion, with space and facilities for physical education and recreation, and with greatly expanded student and staff dining facilities, we can, as I believe we must, think in terms of preparing to double or even treble our student population over the next five to ten years, stopping short of an absolute maximum of some 6000 students. Even this number of students could be handled in our area without the university becoming involved in major traffic or housing problems because of the present awareness of the need for planning and decentralization in growing communities.

This great increase, of course, could be made possible by a 50% increase in our present rather small professional schools, by extending our present two-year engineering science course into a full-fledged four year course, by the establishment of one or two relatively small additional professional schools over the years and by a major expansion of arts facilities through one or more constituent colleges.

I suggest this means of expansion for Western. Perhaps a comparable plan might permit some other universities in Ontario to extend or expand their facilities to a reasonable maximum.

But I wish to go a step or two further. The plan which I have

proposed would see, over the years, in comparison with our present enrollment and population changes, a Western of some 5,000 to 6,000 full-time intramural students.

This is definitely a major change in thinking but let us examine a few more figures. In 1921 there were 9,050 undergraduate students enrolled in Ontario universities and colleges - 4.6% of the age group 18 - 21. By 1949 there were 17,082 non-veterans enrolled, or 6.3% of the age group 18 - 21. This percentage has increased to 7.5 in 1955. In the larger urban areas the percentage is higher and may conceivably exceed 12% throughout the province. The total full-time enrollment (1955) of 21,000 in Ontario may fairly accurately be expected to increase to 28,000 in 1960, to 43,000 by 1965, to 90,000 by 1975. And what of Western?

Using the figures for full-time intramural enrollment, it is instructive to compare the numbers enrolled in the constituent university (without affiliated colleges) with the total in all of the universities and colleges of Ontario. (Estimates are necessary in some cases due to availability of data for selected years only.)

<u>Year</u>	<u>All Universities in Ontario (approx.)</u>	<u>Western University</u>	<u>% of Total</u>
1925	10,000	493	4.9
1930	11,000	811	7.4
1935	11,400	1,011	8.9
1950	18,160*	1,782*	9.8
1955	20,400	2,176	10.6

\*Non-veteran students.

Projecting the population at Western on a 10.6% basis, we find:

<u>Year</u>	<u>All Universities in Ontario (approx.)</u>	<u>10.6% of total</u>
1960	28,000	2,968
1965	42,700	4,526
1970	61,600	6,530
1975	87,000	9,220

We cannot, nor should we strive to, provide facilities for 10% of the Province's future university students, but we should think in terms of greater numbers.

The new building programme therefore, is one of expansion - an expansion to accommodate some 5,000 students by 1965 - and there, we all hope, it may remain. The growth of other colleges and universities should make it unnecessary for Western to exceed at any time, an enrollment of more

than 5-6000 students.

What then comes first? The planning for additional staff - slowly, carefully but effectively. Today, our academic staff is the largest in the history of the university, even though during those overcrowded postwar years many more students were in attendance. But this year we have more members of staff than we had last year. And next year, and the next and the next, I hope we will be able to appoint additional highly qualified members to the university. This may prove to be difficult. With every university being faced with increasing numbers of students, the demand and indeed the competition for staff members will undoubtedly be great. Our hope therefore is to support more and more good graduate students, in all disciplines, and to encourage an increasing number of them to enter the ranks of university teaching. At the same time it is necessary to seek out and to appoint additional experienced members to our staff to ensure a continuity of effective teaching.

And during that period of adding to our staff greater numbers than may be at the time essential, I hope that many members of the present staff will have reduced teaching loads so that their scholarly work may be augmented.

Second, of course, come facilities. In general the plan, in sequence, is as follows.

1. New greenhouses will soon be erected so as to provide continuity of facilities for the Department of Botany - the present greenhouses and the Waugh Botanical Research Building will be razed.
2. A new building to house botany, zoology, geology and geophysics will be erected to the north and east of the present Natural Science Building - this building will subsequently be connected to the new greenhouses with the stone from the Waugh Building.

After many meetings between departments, relative to facilities etc., the sketch plans were approved, passed to the architect, subsequently approved by the Board of Governors, and sent back to the architect for working drawings and specifications. It is expected that tenders will be called in February 1957, with construction to commence in March 1957, and completion in June, 1958.

This will permit the departments concerned to move during the summer of 1958 and the departments of physics and chemistry to occupy the space vacated by botany and zoology.

3. South of the roadway leading in from the Western Road will be the site of the Engineering Science building.

The building will provide accommodation for some 500 students. The area south of the new building - many acres - should be adequate for subsequent expansion in years to come. The layout planning for this building is in progress.

4. Approval in principle of the establishment of an additional constituent arts college, to be known as Middlesex College, has been given by the Board. In all probability it will be located south and east of the present Fingal Hall - a dominant site indeed.
5. With 70% of our student body coming from outside the London commuting area, the necessity of having university residential accommodation for men, as well as women, becomes increasingly urgent. Some day the university should have such accommodation for 1000 men and 300 women - assuming that the same proportion of male to female students remains as at present.

The type of residence to be constructed in the future has already been approved by the Board. They will be of the quadrangle type with 8, 10 or 12 "houses", each accommodating 35 students, composing a complete unit. Each "house" will have provision for a "don" who, we hope, would be at the same time an instructor or lecturer in either University College or Middlesex College.

Unfortunately, through factors beyond our control, Somerville House, with its Great Hall, faculty and private dining rooms, faculty lounge, book store, and student government offices, will not be completed in September as expected. It should be ready for use by January 1957. What a need it will fill!

Speaking of the Great Hall with its beautiful panelling and unique flooring, it should be mentioned that the refectory tables and leather upholstered chairs are of dark polished oak. Several units have been provided by special gifts from graduating classes and alumni. The beauty of silver candelabra and other pieces of silver in such a setting for formal dinners can be imagined.

Through the very great kindness of the Officers and Cadets of the C.O.T.C., the R.C.A.F. University Reserve Squadron, and the U.N.T.D., the university has received three pairs of five branched candelabra. The School of Nursing graduating class of 1956 also presented the university with a pair, as did the University Women's Undergraduate Organization, Miss Zena Hopwood and Mr. Jack Labatt. More recently Dr. O. J. Shore made a gift of six pairs of candelabra. It is our hope that over the years, about sixty pairs of candelabra, silver salts and peppers, mustard pots, rose bowls, vases and other pieces of good silver will be presented for use in Somerville House.

The School of Business Administration, as reported last year, has already outgrown its present premises. The new Richard Ivey School of Business Administration is presently under construction on the main campus. It should be ready for occupancy by September 1957.

On completion of this new building, Music Teachers' College will occupy the present School of Business Administration, which was purchased by the Silverwood Foundation from the Business Administration Fund and presented to the university. Music Teachers' College, from its inception in 1946 to June 30, 1956 has been an affiliated college. On July 1, 1956 it became a constituent college of the University within the Faculty of Arts.

It is extremely important for everyone to realize, even as the Board of Governors does, that we cannot, as we look at the development of the university, consider that we have land to spare. To be prodigal in this respect will only jeopardize the future of the university. We must think in terms of the next 100 years. We must think in terms of this university becoming the greatest university in Canada, and with that greatness will continue beauty. And in the years to come this university, like the great universities of Britain and the United States, will continue to resist the expedient, will deny the passing fancies of public pressures and as technological, social, scientific, economic and political changes take place it will be found to be giving a constancy of leadership in those things which are real and of lasting value as well as in the search for new knowledge. We must learn that we may teach, we must be the repository of what is known that we may search for the unknown.

But I was speaking about land and how careful we must be of what we have. Residences for 1300 or 1500 students will require many of our lovely acres. The gardens, which are coming, will enhance our building, add beauty to our campus and give pleasure to thousands - but they too will take up more areas. Playing fields and tennis courts, shrub and tree plantings and just plain, green lawns, sidewalks and roadways. With the widening of Western Road, as a main highway, we will lose a strip 22 feet deep and 2000 feet long. Gates, already promised by Lt. Col. J. E. Smallman, a long-time member of the Board, and a permanent fence will take more land. But we must remember that now we have two fronts to the university - which is both a blessing and a handicap. We have not much land. We cannot lease an inch for any affiliated college, for fraternities or for staff homes.

Early in September I attended the so-called Manpower Conference in St. Andrews. The shortage of engineers, scientists and technicians was the theme of the Conference. It was, one might say, "a high priced" conference. But there were some almost ominous thoughts either expressed or implied. There was a murmur of agreement when one senior industrialist expressed the idea that it was time that the universities did something about using their facilities and equipment and staff for the other half of the year; that the universities could teach twice as many students as at present if the facilities were used in the summer and if the staff did not have four months holidays each year.

This comment brought me to my feet. I told them that the

universities were not all idleness in the spring and summer. I explained that our regular summer school numbered almost 900, of whom some 800 were teachers advancing to degree standards. I told them that almost 1700 other persons were on our campus taking courses and attending conferences of various kinds, that our residences were filled all summer, that members of staff were busy teaching or doing research or doing committee work or acting as examiners for the Department of Education in the summer; that the intramural enrollment was outnumbered by those who use the facilities of the university and have help from our staff during the so-called non-academic session. I think that the members of the conference were convinced, as president after president rose to defend the universities and their many summer-time activities. There can be no doubt, though, that if these were the impressions held by business leaders, the same impressions may be very widespread indeed. It is our collective responsibility by word and action to convince our neighbours and the public that university staffs, in general, are not idle four or five months of the year.

That the universities and many more members of the staff will be called upon to provide even more facilities and to give more time in the summer is fairly obvious. The tremendous task of upgrading hundreds and hundreds of secondary school teachers to specialist levels will likely be borne by the universities. It has already been commenced here; plans are being discussed to add additional courses. We can do, and I am sure that we are willing to do, more than we are at present - as long as what we do is academically sound and philosophically acceptable to this university. We should never forget, as someone once said, and as mentioned to me by Professor Lauchland - that education is a journey - not a destination.

I think that it would be almost universally true that each university in Ontario had a difficult, struggling infancy; the problems at times seemed insurmountable; the sponge may well have been prepared only to be withdrawn in a last desperate effort for survival. The younger universities may not have experienced these trials to the same extent as some of the older ones but the problems were still great. And they will be great for the new universities or colleges which will be established in Ontario in the future. It takes time to become a college and more time to become a university. And it takes experience on the part of those responsible for the college or university before they are, in general, ready for their growing responsibilities.

The time has come to give adequate support in the development of a college in Northern or Northwestern Ontario, so that it may over the years ahead, grow from a college to a university - with high standards, with good facilities, with good staff, a good library and a growing student body. Ontario will need it; I think, as do others, that the time to support its development is now. If we do this we will have another university ready to meet its obligations some ten to twenty years from now. And elsewhere in Ontario, a healthy, vigorous college which has been affiliated with a university for thirty years is preparing itself to assume the responsibilities of a university. With adequate assistance that college could be of university status in five or six years.

Just one last point. Look closely at the nature of our expanding industrial life. It is highly technical. It requires highly skilled and well trained craftsmen and technicians. The vocational and technical schools cannot provide this level of training; it should not be a function of the universities. The Department of Education's Ryerson Institute of Technology has been an unparalleled success. Has the time not come, for many reasons, to provide additional Polytechnical Institutes in strategical areas in Ontario, e.g. in the Hamilton - St. Catherines area, in the Guelph, Galt, Kitchener-Waterloo area, and in the Peterboro - Oshawa area? I think so.

In summary then may I say that the next five years will be critical years for the universities of Ontario. Millions and millions of dollars will have to be spent in providing university educational opportunities for thousands more young men and women. The elimination of duplication wherever possible is naturally desirable. I feel that the existing universities should be encouraged to expand their facilities to their own determined optimum and assisted financially to expand those facilities, create new colleges within existing universities where warranted and desired, to improve and extend existing staffs so they may maintain and even increase the level of scholarship. I believe that we in this province should take three major steps in order to meet the great responsibilities of providing advanced education for the pending influx of young people.

1. We must build up, academically and physically, to their optimal size our existing institutions of higher learning.

2. We must start now to develop along general educational lines a college in the northern part of Ontario so that it may be prepared, academically and physically, to assume university status and responsibility some years from now. At the same time we must recognize that in a relatively few years one college, presently affiliated with a university, can be ready, if assisted now, to become a university.

3. Although not at university level, additional post-high school Polytechnical Institutes should be considered as significant additions to our total educational system.

Many university professors, deans, principals, rectors and presidents have, during the past few years, travelled thousands of miles, and addressed large and small audiences in almost every city and town in Canada. Whatever the title of their talks may have been, their theme was constant - the crisis of dollars and numbers. And it has been possible through the press, the radio and the television, and from the public platform, to reach hundreds of thousands of Canadians and to impress upon them the seriousness, the urgency and the magnitude of the problems facing the universities and colleges of Canada. It was indeed, that the universities, in presenting their problems to their new patrons - the public - were placing before Canadians the question of the future of Canada. It may well be said that what the universities of Canada make, makes Canada.



The support of higher education, we have stressed, should be a joint effort - the people, governments, and business and industry. The acceptance of this premise by these people has been one of concern, of understanding, and of enlightenment. The acceleration of interest on the part of various segments of our society has been demonstrated, particularly during the past year, by the number of conferences, meetings and discussions which have been held, by the increased number of scholarships being established, by the increased direct aid to universities by individuals, foundations, and business, by the substantial assistance being granted by provincial governments, and by federal government grants. The new awareness to the needs of the universities is heartening; the realization of the acuteness of our problems by the public gives all of us courage.

And it is in this vein that the university acknowledges its gratitude to the Government of the Province of Ontario for its very substantial assistance, to the Federal Government for its important annual grant, to the Corporation of the City of London for its considerable financial assistance, and to the Wardens, members of the County Councils and Officers of Middlesex, Huron, Perth, Elgin and Lambton Counties for their continued support of the work of the university.

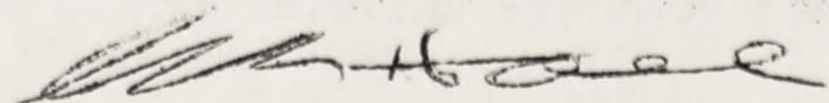
It is with pleasure too, that the university expresses its thanks to the many Corporations, individuals and Foundations for their increasing number of bursaries, scholarships and fellowships which they have made available, through the university, to scholarship and needy students. And our thanks are sincere as we express to an increasing number of Canadian businesses our appreciation of their great assistance in providing funds for maintenance, capital and research purposes. As I mentioned before, the people, governments and business and industry are together assisting the university in meeting its ever increasing responsibilities.

There are many institutions and organizations without whose help in the total teaching programme the university would have been less effective. Their collaboration, through the provision of facilities, of equipment, of research aids and indeed of personnel, is very much appreciated.

At this time I wish to express my very real appreciation to all of the members of the university for their many and significant contributions to the life and work of the university. Without their wholehearted and determined support Western would not be making the constant progress which has marked its 78 years of service.

And I take this opportunity, both personally and on behalf of all of the members of the university, to convey to the members of the Board of Governors and the Senate our very deep appreciation for their magnificent efforts and their constant support and encouragement in our mutual endeavours.

I hope that you will find the ensuing portions of this report instructive and interesting.



President and Vice-Chancellor

THE SENATE

Report of the Secretary -- Helen M. B. Allison

Three meetings were held in 1955-56, in October, March and May. One meeting took the form of a luncheon at Spencer Hall, followed by a tour of the residence, and at another meeting the Senate heard plans for the expansion of the University in the next ten years. Two meetings were held on Convocation days. It is interesting to note that henceforth the Spring Convocation meeting will be held on the day preceding Convocation ceremonies, so that the programme will not be so hurried, and so that the Chairman of the Convocations Committee and the Dean of Medicine will not have conflicting programmes to prevent their attendance.

Four Convocations were held. On September 30th, in Convocation Hall there was a special Convocation in recognition of the opening of the College of Christ the King. On October 28th, in Thames Hall, the usual Fall Convocation was held, with the installation of the new Chancellor and the recognition of London's centenary as additional features. On December 1st, a special Convocation at Huron College celebrated the 92nd anniversary of its founding. On May 26th, 1956, the Annual Spring Convocation in the J. W. Little Memorial Stadium concluded the degree-granting ceremonies for 1955-56.

The honorary degrees conferred at these Convocations are listed below. Together with the degrees earned in course, and the diplomas granted, they brought the total for the year to 700 degrees and 116 diplomas, approximately fifty more than in the previous year. It is interesting to note that 255 of these degrees were Honours degrees or higher in level.

Sept. 30 - LL.D. degrees: Mother M. St. James, the Reverend W. T. Flannery, Monsignor A. P. Mahoney, and Most Reverend P. F. Pocock.

Oct. 28 - LL.D. degrees: R. E. Crouch, A. B. Lucas, W. A. McWilliams and Watson H. Porter.  
D.Sc. degrees: Dr. Wendell Hughes and Professor G. A. Woonton.

All are outstanding citizens or former citizens of the City of London, who were especially honoured in its Centennial Year.

Dec. 1 - D.D. degrees: The Reverend F. G. Hardy, the Reverend J. N. H. Mills, the Reverend A. A. Trumper, and the Reverend J. A. Watton, on recommendation of the Huron College Council.

May 26 - LL.D. degree: Gilbert LaBine

In May 1956, for the first time, there appeared the new diplomas approved by the Senate during the winter of 1955-56. They are smaller in size and simpler in phraseology than those in earlier use, and they seemed to meet with general approval among their recipients this spring. The Ph.D. candidates received their diplomas in purple cases lined with white, about half the size of those given to honorary degree recipients. New Medical diplomas were used, but the Senate did not agree to allow Medical students a separate Convocation.

The thanks of the Senate were sent to both the Convocations Committee and to the Women's Faculty Club, for the good organization which helps to make every Convocation and Convocation reception a pleasure for the people concerned.

Course changes in the following departments were approved, on recommendation of the proper Faculty:

A Geophysics Major in the Honours Physics and Mathematics Course

The first three years of the Engineering Science Course

Honours English and History (revived in a new form)

A revised Pre-Theological General Course for Waterloo College

The suspension of the compulsory Physical Education regulations for one year was permitted by the Senate, on recommendation of the Principal of University College. The transfer of the University College Department of Music to Music Teachers' College and of Hebrew to Huron College was also recommended by the Principal of University College and approved by the Senate, on condition that the present courses will be available in those colleges for students in University College who wish to take them to count toward an Arts degree.

The Senate also changed the admission requirements for 1957 so far as University College is concerned. For admission to every course, Grade XIII or equivalent standing will be required in nine papers, among which must be included English Literature and Composition; the Authors and Composition in another language; Latin or two papers in Mathematics; and three other papers to be selected according to the requirements for the course to be studied. An average of 60% in those nine papers will be an additional requirement. The Senate put itself on record as favoring an Admissions Committee to permit some flexibility in individual cases which seem to justify special consideration.

The Faculty of Graduate Studies was re-constituted and approved by the Senate.

New Senate Committees were formed, (1) to act as a Faculty Council for Music Teachers' College, and (2) to form and define University policy regarding the admission of, and the advance credit allowance to be made to, the graduates of the Ontario Teachers' Colleges who wish to work toward a degree in Arts.

There were the following changes in the membership of the Senate during 1955-56:

Chancellor Ford resigned and was succeeded by Chancellor Ivey;

Colonel Ingram (Chairman of the Board of Governors) replaced Colonel Weldon;

The London City Council appointed Alderman Allen Towe and Mr. Bernard Wolf to succeed Dr. Eckardt and Dr. Reason (deceased);

At the beginning of the year Professor Magee succeeded Professor Hart, and at the end Professor Gunton succeeded Professor Dorland.

Miss Grace Versey succeeded Dr. Harris as the representative of the Faculty of the School of Nursing.

At the beginning of the year, because of changes in the University Act, Professor Jenkin, as Director of the Trois-Pistoles Summer School, and Miss Jessie MacFarlane, as President of the General Alumni, were added to the membership of the Senate. At the end of the year, after Alumni elections, Miss McLaughlin and Mr. Wettlaufer retired and the following new members took office as Alumni representatives (unfortunately not in time for any meetings in the 1955-56 academic year): Miss Winnifred Ashplant, Orville Eadie; Miss Gladys Erskine, D.D.C. McGeachy, T. H. Orr, Dr. W. W. Priddle, D. W. Scott and Dr. H. L. Williams.

At the end of the year Dr. W. S. Turner resigned as an elected representative of the Secondary School Principals of South-western Ontario, and Mr. J. C. Herbert took his place.

The appreciation of the Senate was extended to Professor Dorland for his service to the Senate as Chairman of the sub-committee on Policy, and the Senate expressed its esteem for Professors Dorland, Hart and Turville, and its regret at their retirement at the end of the 1955-56 academic year.

#### THE REGISTRAR'S DEPARTMENT

Report of the Registrar - Helen M. B. Allison

During the academic session 1955-56 a total of 4123 students were enrolled in the whole university. A summary of registration is presented in Appendix A. The 1954-55 registration was 3635. The enrollment in the Summer School climbed from 623 in 1954 to 745 in 1955, and the Extension Department increased from 542 to 605, although it was anticipated that it

might decrease because of the zoning system in effect among the universities of Ontario.

Of the 4123 students, 2467 came from the fourteen counties of Western Ontario. From the rest of the Province of Ontario came 1358 students. Thus 3825 of the 4123 students (92%) were residents of the Province. The other nine provinces were all represented in our student body as follows: Alberta 31, British Columbia 17, Manitoba 20, New Brunswick 12, Newfoundland 3, Nova Scotia 10, Prince Edward Island 2, Quebec 86, Saskatchewan 36 -- making a total of 217 or 5%. From other parts of the Commonwealth came 22 students; from the United States 24; from other foreign countries 35. Of the 2149 full-time intramural students in the "constituent" university, 27% were women and 73% men. Of this group approximately 30% live in the London area.

As Western Ontario becomes increasingly industrialized, manufacturing (15.6%) takes the lead, for the first time, as the largest single group from which the parents of our students are drawn. Those engaged in agriculture are a close second (15.3%), and the third largest group (10%) of parents are in the trades. The complete table of occupations of students' parents is presented in Appendix B.

The 4123 students are adherents of 32 different religious denominations. The largest single group is made up of members of the United Church (35%); 20% are Anglicans, 16% are Roman Catholics, 9% Presbyterians, 5% Lutherans, 4% Baptists, 2% Hebrews and 1% Mennonites. The other 24 religious denominations are each represented by less than 1% of the students and the whole 24 constitute 8% of our students. (Appendix C).

Of the full-time students in the Faculty of Arts and Science 63% were registered in General courses as compared with 59.2% in 1954-55. The remainder (37%) of the full-time students in the Faculty were registered in Honours courses.

Considerable attention has been given to the study of academic failures within the University. In last year's report a comparison of the failure rate in the Faculties, Colleges and Schools over a ten year period was presented. It was pointed out that in the whole university the percentage of students clearing all their final examinations (without benefit of supplementals) in 1945-46 was 75.75% and that in 1954-55 it was 73.41%. In this year under review (1955-56) the percentage is 73.9%. These percentages have been improved, however, each year, through the clearing of records at the supplemental examinations. Thus the net passing rate last year was 81.4% and this year was 81.35% for the whole university (see Appendix D).

Within the constituent university, with its professional schools, the percentage of successful students naturally was much higher than in the whole university (95.6 in the Medical School, 94.7 in the Business School, 98.9 in the School of Nursing and 96% in the Graduate School.) Nevertheless, the percentage of successful intramural students in University College (72% after supplementals) was of great concern, although many of the remaining 28% had only one condition to carry forward into the next year. A detailed analysis has been made of the academic failures in the freshman class of 1955-56 in University College.

Out of a total of 639 freshmen, 106 students (16.6%) were required to withdraw or to repeat their year. Of this group, 50 withdrew, 39 returned to repeat the year (5 of them in a different course) and 17 salvaged their year by Summer School and supplemental work and entered the next year. Thus 89 out of 639 freshmen (13.9%) continued to be the year's academic failures, as contrasted with 16.5% in 1954-55 and 8% in 1953-54.

Studying further the records of those 89 students it is noted that:

1. Thirty-six of them had complete Senior Matriculation taken in the normal length of time (5 years) and had no previous record of failure.
2. Twelve others had spent only five years in Secondary School but had some previous record of failure.
3. Thirty-nine had spent six or more years in the Secondary Schools, which implies a previous record of failure.
4. Five entered without Senior Matriculation in the Home Economics Course or the Adult Special student group.
5. Ten of them were "repeaters" in college, here or elsewhere.

A detailed study of their records, by college courses and high school preparation was made. Their college aptitude records, their place of residence, etc. were all analyzed in the study. The conclusions drawn are:

1. Aptitude Tests cannot be considered alone; 18 of the most intelligent students in the university failed. There seems to be no way of learning a student's working habits except by consulting his high school principal and his previous record as well as his aptitude test results.
2. Even a rigid application of the university's standard admission requirements, including an average of 60% in Senior Matriculation, will not ensure the success of those admitted (45 students had met those requirements fully, but 20 of them had taken six years to meet them).
3. If the university insisted on Grade XIII in nine papers, with an average of 60%, in five years of high school work, it might eliminate about two-thirds of the failures in the freshman year, but there has not yet been made a study of the number of successful students in the freshman class who might have been eliminated by such a regulation.
4. If the university insisted on admitting only those

students with no previous failures, it would eliminate some 53 of these 89 failures, as well as some very good students who were successful in their freshman year but who had an occasional failure in High School before they began to look forward to university work.

5. The whole picture becomes clearer this year than ever before. More than half these students had poor high school records, as judged by university standards, even if they had met the standards laid down by the Admissions Committees for their respective courses. About half the group had low aptitude scores, too. This proves that no regulations or no aptitude tests should be used alone, but the whole record of each student should be surveyed thoroughly before his admission. Unfortunately, less than a month is available from the time the Grade XIII results are issued, to the time a whole freshman class must be admitted. The Registrar's Office accepts most applicants immediately, but "problems" are delayed for the action of Admissions Committees for each course.

#### OFFICE OF THE COMPTROLLER

##### Report of the Comptroller - R. B. Willis

Submitted herewith is a brief review of the financial operations of the University of Western Ontario for the year ended 30th June, 1956 based upon the Financial Statements and Auditors' Report of Clarkson, Gordon & Company.

#### Summary of the Year's Operating Results

The operations for the year resulted in a net excess of revenue over expense of \$3,758.14. This may be compared with the following net operating results in recent years:-

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

As in recent years, the Operating Statement includes:-

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

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

For the year ended 30th June, 1956, research expenditures totalled \$576,460.30, 22.1% of the university's ordinary operating expenditures on all other activities, except ancillary enterprises. Comparative expenditures on research in recent years have been as follows:-

1954-55	-	\$542,193.02
1953-54	-	553,360.81
1952-53	-	547,474.37
1951-52	-	581,528.71

The distribution of research expenditures from outside grants-in-aid and contracts within the faculties and schools, etc. of the university was as follows during the year ended 30th June, 1956:-

Faculty of Medicine	\$415,388.39
University College	144,089.29
School of Business Administration	14,072.10
Museums	2,910.52
	<u>\$576,460.30</u>

\$7,400.44 was received during the year under review against the indirect costs incurred by the university in the operation of the above-mentioned research projects. This represented 1.28% of the expenditures concerned.

Comparative Distribution of Revenue and Expense

The following schedule shows the comparative distribution of revenue and expense for 1954-55 and for 1955-56, utilizing the standardized principles of reporting formulated by the Canadian Association of University Business Officers.

<u>Revenue</u>	1955-56		1954-55
	<u>Amount</u>	<u>% of Total</u>	<u>% of Total</u>
Student Academic Fees	\$897,552.19	33.5	32.6
Gifts for General Operating Purposes	15,328.04	.6	1.4
Gifts for Specific Operating Purposes	21,196.88	.8	.4
Receipts for Services to Outside Organizations	68,815.21	2.6	2.1
Miscellaneous	7,927.73	.3	.6
	<u>\$1,010,820.05</u>	<u>37.8</u>	<u>37.1</u>
Endowment Income	20,303.43	.8	.9



<u>Revenue (continued)</u>	1955-56	1954-55
	<u>Amount</u>	<u>% of Total</u>
		<u>% of Total</u>
Government Grants for General Operating Purposes		
Federal	\$289,211.40	
Provincial	700,000.00	
Municipal	<u>75,000.00</u>	
	1,064,211.40	39.8
	\$2,095,334.88	78.4
Research	576,460.30	21.6
	<u>\$2,671,795.18</u>	<u>100.0</u>
Net Surplus on Ancillary Enterprises including Athletics	-	
	<u>\$2,671,795.18</u>	
Ancillary Enterprises including Athletics		
Income	\$442,864.47	
Less net Surplus as above	-	
	<u>442,864.47</u>	
Total Revenue	\$3,114,659.65	
Deficit at end of Year	-	
Total Revenue	<u>\$3,114,659.65</u>	
<u>Expense</u>		
Instruction	\$1,486,030.23	57.2
Administration	107,668.21	4.1
Plant Maintenance	316,205.99	12.1
Miscellaneous		
General	\$87,605.47	
Scholarships	<u>15,956.50</u>	
	103,561.97	4.0
	\$2,013,466.40	77.4
Research	576,460.30	22.1
	<u>\$2,589,926.70</u>	<u>99.5</u>
Net Deficit on Ancillary Enterprises including Athletics	12,713.12	.5
	<u>\$2,602,639.82</u>	<u>100.0</u>
Extraordinary Operating Expenses	65,397.22	
	<u>\$2,668,037.04</u>	
Ancillary Enterprises including Athletics		
Expense	\$455,577.59	
Less net deficit	<u>12,713.12</u>	
	442,864.47	
Total Expense	\$3,110,901.51	
Surplus at end of Year	3,758.14	
	<u>\$3,114,659.65</u>	

Instruction and research accounted for 79.3% of total current operating expenditure for 1955-56 on this basis, compared with 78.1% in 1954-55. The administrative percentage at 4.1% and plant maintenance at 12.1% were among the lowest of the major universities in Canada.

### Grants and Gifts

A number of significant grants and gifts were received by the university during the year. Possibly the most noteworthy was the magnificent bequest of the late J. B. Smallman for endowment purposes amounting to approximately \$346,000.00. By resolution of the Board, \$300,000.00 was set aside as an endowment fund for the establishment and maintenance of the J. B. Smallman Memorial Chair in History. The remainder was placed in an endowment fund for research in the Humanities and Social Sciences as a further memorial to the late Mr. Smallman.

From the estate of the late Dr. Arthur F. Haasz a Medical Student-Aid Bursary Fund of \$25,000.00 was received during the year. The purchase by the university of the Neno property on Richmond Street was made possible through the kindness of a donor who wished to remain anonymous in any mention of the gift. The removal of the Snack Bar on this property, before the end of 1956, together with an adjoining double house already owned by the university, will add materially to the appearance of the university's main entrance.

The generosity of Dr. A. E. Silverwood, The A. E. Silverwood Foundation and Silverwood Dairies, Limited in agreeing to provide \$150,000.00 over a period of years, as well as certain sums for maintenance, guaranteed the provision of permanent premises for Music Teachers' College in the former School of Business Administration property on Waterloo Street on its being vacated in 1957, and the assumption by the university of the operations of the College as and from 1st July, 1956. The first of the grants from the Foundation, etc. was received before 30th June, 1956.

In recognition of the need for funds for research and the strengthening of the academic programme consequent upon the liquidation of the former School of Business Administration Fund for construction purposes, a special names canvass was conducted by the School of Business Administration Committee in the fall of 1955 with an objective of \$150,000.00, to be payable over a five-year period. As of 30th June, 1956, pledges of \$212,750.00 had been received with almost \$155,000.00 paid in in cash.

The J. P. Bickell Foundation during the year made generous equipment grants of \$4,145.00 to the departments in the Hamilton King Meek Memorial Laboratory and of \$7,330.00 to the Department of Geology. These gifts by the Foundation were in addition to substantial amounts for research, scholarships and bursaries. From the estate of the late Harris Lionel Rinn, an alumnus, an initial payment of \$20,000.00 was received for the establishment of a scholarship fund in English. Most gratifying was a grant of \$10,000.00 by the Alumni Association at its Annual Assembly, toward the furnishings of the Great Hall of Somerville House.

The current maintenance grant of the Province of Ontario for the Provincial fiscal year commencing 1st April, 1956 was increased by \$100,000.00 per annum to \$775,000.00, and the portion applicable to the quarter ending 30th June, 1956 has been reflected in the Operating Statement. The city of London maintained its generous operating grant at \$75,000.00 during the period under review.

In March, 1956 the Government of Ontario once again made most generous special grants to the institutions of higher learning of the Province for capital purposes. The University of Western Ontario received \$1,000,000.00 in this connection, an increase of \$400,000.00 over that granted in the previous year. By resolution of the Board of Governors the \$1,000,000.00 was placed in Capital Funds from which the material physical expansion of the next few years will be financed. Five of the County Councils within the university's constituency made grants for capital purposes. Three of the five, in addition, voted sums for bursaries and/or scholarships.

The fifth annual grant of the Government of Canada for current maintenance purposes was received during the year in the amount of \$289,211.40. This assistance, as stressed on previous occasions, has been most worthwhile.

#### Capital Funds

As will be recalled, the University Building Fund inaugurated at the end of 1945 was to extend over a ten-year period with an objective of \$2,500,000.00. At the end of that period, 31st December, 1956, the Fund had realized a total of \$4,094,963.57, and the balance on hand at that time was transferred by resolution to Capital Funds.

Through the retirement of \$23,000.00 on 2nd July, 1955, and the re-acquisition and cancellation of \$51,500.00 during the year, the university's outstanding debenture indebtedness had been reduced to \$2,500.00 as of 30th June, 1956. Vigorous efforts to re-acquire this balance, held by two elderly individuals, have proved unsuccessful to date. It will be recalled that the university's debenture issue was one of \$440,000.00 created in 1928 to repay indebtedness incurred in construction and in the financing of deficits.

#### Physical Plant

The Gross Anatomy Building and the extensive remodelling of the space vacated by that Department and of the teaching facilities generally on the second floor of the Medical School, were completed early in the fall of 1955. The total cost of the new building and the alterations was approximately \$107,000.00.

The conversion of the swimming pool in Spencer Hall for the housing of an additional 32 students was completed in time for the opening of the 1955-56 academic session. Particularly gratifying was the fact that the final costs totalled but \$65,000.00 against an estimate of \$75,000.00.

Construction proceeded during the year on the much-needed new dining hall, Somerville House, the project involving a total expenditure slightly in excess of \$900,000.00. Progress on the structure toward the end of the year was materially delayed by a lengthy plumbers' strike and, as a result, completion originally expected in August, 1956 will not take place until approximately the end of the calendar year.

The general contract for the new Richard Ivey School of Business Administration Building at a total expenditure of approximately \$840,000.00, including furnishings, etc., was let in April, 1956. Because of the strike previously mentioned, the commencement of work on the Building was delayed until almost the end of June, 1956.

### Conclusion

The University faces, over the next few years, material physical expansion if it is to meet effectively the demands which will be placed upon it. Such expansion will bring many problems, not the least of which will be an adequate and well-trained staff, properly compensated. The financing of the many projects involved is bound, too, to require the provision of very substantial capital sums. The progressive strengthening of the University's financial position which has taken place in recent years provides, however, a solid foundation upon which to build for the future.

### FACULTY OF GRADUATE STUDIES

Report of the Dean - R. A. Allen

In 1955-56 the registration in the Faculty of Graduate Studies was the highest in its history, - 229. This was an increase of 22 over the previous high of 207 in 1954-55 and included 86 in Arts and Science, 109 in Business Administration and 34 in the Medical Sciences. A gratifying feature of the increase was the larger number of students registered for graduate courses in English, French and History.

At the two convocations, October 1955 and May 1956, 88 graduate degrees were conferred, Ph.D. 14, M.A. 10, M.B.A. 40, M.Sc. 24, compared with 73 in 1954-55 and 64 in 1953-54. The number of graduate students in Business Administration who remain for the second year and qualify for the M.B.A. degree continues to increase.

During the past year the Board of Governors and the Senate approved a reorganization of the Faculty of Graduate Studies in accordance with the new University Act of 1955.

The Board appointed for the first time a Faculty of Graduate Studies Committee of the Board, similar to its Faculty of Arts and Science Committee and its Faculty of Medicine Committee. On the recommendation of the new Committee the Board on March 9th officially appointed 117 members of staff to the Faculty of Graduate Studies. The newly appointed Faculty has already held two well attended meetings.

The Senate authorized the appointment of a Council of the Faculty to act for the Senate to regulate the admission of graduate students, their courses of study and the requirements for graduation, etc. On May 24th the Faculty elected a Council of 13 members, two representing the Natural Sciences (Professors Battle and Misener), two the Humanities and Social Sciences (Professors Ferguson and Torrens), two Business Administration (Professors Bonner and Huson), three the Medical Sciences (Professors Noble, Rossiter and Watson), together with Deans Allen, Collip, Jones and Stiling as ex officio members. The Council will assume its responsibilities at the beginning of the academic year 1956-57.

Registration

	<u>1952-53</u>	<u>1953-54</u>	<u>1954-55</u>	<u>1955-56</u>
Arts and Science	80	74	80	86
Business Administration	66	86	93	109
Medical Sciences	<u>40</u>	<u>32</u>	<u>34</u>	<u>34</u>
	186	192	207	229

1955-56

Arts and Science

Botany	3
Chemistry	11
Classics	2
Economics	2
English	8
French	10
Geography	3
Geology	2
German	2
Hebrew	1
History	7
Journalism	3
Philosophy	4
Physics	11
Psychology	7
Zoology	<u>10</u>
	86

Medical Sciences

Anatomy	1
Bacteriology	2
Biochemistry	<u>14</u>
Biophysics	4
Medical Research	3
Microscopic Anatomy	1
Pathological	
Chemistry	3
Pharmacology	1
Physiology	4
Preventive Medicine	<u>1</u>
	34

Business Administration

First Year	66
Second Year	<u>43</u>
	109

Degrees conferred October 1955 and May 1956

Ph.D.	14	1	Bacteriology and Immunology
		2	Biochemistry
		1	Biophysics
		1	Botany
		2	Chemistry
		2	Medical Research
		2	Pathological Chemistry
		2	Physics
		1	Zoology
M.A.	10	1	Classics
		1	Economic and Political Science
		2	English
		1	French
		1	Geography
		1	History
		3	Psychology
M.B.A.	40	40	Business Administration
M.Sc.	24	2	Biochemistry
		2	Biophysics
		2	Botany
		6	Chemistry
		1	Medical Research
		1	Microscopic Anatomy
		1	Pathological Chemistry
		2	Physics
		7	Zoology

FACULTY OF MEDICINE

Report of the Dean - J. B. Collip

The Annual Meeting of the Canadian Physiological Society was held in London, October 13th, 14th and 15th, 1955, and a symposium on neuro-physiology was held in the Auditorium of the Medical School under the Chairmanship of Dr. Wilder Penfield.

Professor H. A. Skinner represented the Faculty of Medicine at the Third Teaching Institute of the Association of American Medical Colleges on Anatomy and Anthropology held in Swampscott, Massachusetts, October 19th to 22nd, 1955. The following points were emphasized. There was general feeling that Anatomy should not be taught as a practical course alone. In the United States fifty per cent of the Professors of Anatomy did not have a

medical degree. Any teaching of Applied Anatomy should preferably be given by clinicians in the later years of the medical course.

Dr. H. S. Little, Professor and Head of the Department of Paediatrics, retired June 30th, 1955, after many years of service and will carry on his private practice. Dr. N. T. Welford was appointed Visiting Assistant Professor in Biophysics, effective August 1st, 1955. Effective July 1st, 1955, Dr. V. A. Callaghan was promoted from Senior Associate in Surgery to Assistant Professor of Surgery, Dr. J. C. Rathbun from Assistant Professor of Paediatric Research, Lecturer in Medical Research, to Professor and Head of the Department of Paediatrics, Honorary Lecturer in Medical Research, and Dr. F. R. Clegg from Associate Professor of Obstetrics and Gynaecology. Dr. K. L. McAlpine, Senior Associate in Paediatrics, requested Leave of Absence November 16th, 1955, to November 16th, 1956. Dr. N. B. G. Taylor was appointed Honorary Lecturer in Medical Research. Dr. C. T. Beer resigned as Honorary Assistant Professor of Medical Research. Dr. R. A. Johnston, Assistant Professor of Surgery, Instructor in Anatomy, a long-time and enthusiastic teacher, passed away on May 14th, 1956. Effective June 30th, 1956 were the following retirements: Dr. F. R. Clegg, Professor of Obstetrics and Gynaecology; Dr. Josephine Bittner, Lecturer in Bacteriology and Immunology; and Dr. F. W. Luney, Associate Professor of Pathology.

The statement that any student who has been allowed to repeat his year must obtain this year without conditions has become a part of our academic policy, and will be included in the Calendar. Professor H. A. Skinner indicated that his Department was now in a position to provide training in radiology in Anatomy. No Medical Council examinations in Pathology and Bacteriology were held in 1956, but examinations in other subjects were to include questions pertaining to pathological and bacteriological aspects of disease.

Professors J. C. Rathbun and T. H. Coffey were named as a committee of two to act as Faculty Supervisors for the Meds Merry Makers productions. Dr. R. C. Buck, of the Department of Microscopic Anatomy, accepted the appointment of Chairman of Graduate Seminars, 1955-56. Dr. H. S. Cameron received an R. Samuel McLaughlin Travelling Fellowship to study in Boston for a one year period. The first Annual Dinner of the Council of the Faculty was held at the Hunt Club on Wednesday, December 21st, 1955.

The Report of the Associate Faculty Curriculum Committee, Survey of Curriculum of the Clinical Years, was referred to the Council of the Faculty. The members of the Curriculum Committee of the Council of the Faculty complimented the Associate Faculty on a very full and worthwhile report.

Dr. J. B. C. Robinson began his lectures in Medical Ethics and Problems of Practice to the Final Year students.

Dean Collip reported that the National Research Council of Canada had established a new position known as Medical Research Associate to provide support for senior personnel carrying out long term research projects in the university. Dr. P. C. Fitz-James has been awarded a National Research Council Medical Research Associateship in the Departments

of Bacteriology and Immunology, and Biochemistry, for an initial term of two years, beginning July 1st, 1956.

The Dean reported that the procedure used this year of announcing the Scholarships and Awards at the Hippocratic Banquet was a worthwhile one, and he felt that it should be instituted as a regular procedure in future years. Poulenc Limited inaugurated their annual award of \$250 and a gold medal to the student obtaining the highest marks in the two final years in the following clinical subjects: Medicine, including Therapeutics and Physical Medicine, Paediatrics, Surgery, Obstetrics and Gynaecology, and Psychiatry. The late Dr. Arthur F. Haasz made provision for the Dr. Arthur F. Haasz Medical Student-Aid Bursary Fund. It is the recommendation in the will that the Bursaries be awarded only to "students of suitable character and of good academic record and who in the opinion of the appropriate authorities are worthy applicants and require financial assistance as undergraduates".

A Committee to assist in the planning of the medical use of isotopes, called the Committee re Use of Isotopes, was set up with Dr. F. C. Heagy as Chairman. A meeting was held to discuss the Academy of Medicine request for a course for General Practitioners. Three students were appointed under the Lederle Medical Student Research Fellowship plan for summer employment.

The College of Physicians and Surgeons of Ontario again made a grant of \$200 to the Medical Library. The Professor Murray C. Morrison Memorial Prize in Radiology was discontinued.

The influence of Health Insurance on clinical teaching was discussed.

Dean Collip reported that The Canadian Arthritis and Rheumatism Society, Ontario Division, proposed to support a visiting lecturer to come to one of the four Ontario Medical Schools each year, and that we had accepted their proposal for such a lectureship. A detailed financial analysis of the Animal House in the Faculty of Medicine was prepared under the aegis of Professor G. W. Stavrakys. Dr. J. S. L. Browne of Montreal visited the Faculty of Medicine June 11th and 12th, 1956, to investigate opportunities for graduate work across Canada.

A course on electrocardiography was given by the Department of Medicine of the University in conjunction with the Ontario Heart Foundation Cardiovascular Research Unit, and the Ontario Medical Association, in London on Wednesday, April 25th, 1956. The next Institute of The Association of American Medical Colleges will deal with medical students selection. Dr. G. E. Hobbs plans to attend in November, 1956. The Department of Obstetrics and Gynaecology held a refresher course for general practitioners on May 16th, 1956.

Dr. C. R. Engel was again awarded a Canadian Life Insurance Medical Fellowship. Arrangements were made for Dr. Richard Bowen to undertake the medical care of medical students in the fall of 1956. The



Salvation Army's Bethesda Hospital during the summer of 1955 was reorganized as a home and hospital for unmarried mothers, and is now called Bethesda Home and Hospital.

Dr. Collip has accepted membership on the National Scientific Advisory Committee to the Canadian Red Cross Blood Transfusion Service.

The guest speaker for the Fifteenth Dr. F. R. Eccles Memorial Medical Alumni Lectureship, September 28th, 1955, was Dr. Tinsley R. Harrison, Professor of Medicine at the University of Alabama. The subject of Dr. Harrison's lecture was "Some Difficult Problems in the Differential Diagnosis of Chest Pain". On October 3rd, 1955, Dr. G. Lyman Duff delivered the Tenth Annual John A. Macgregor Memorial Lecture, on the "Pathogenesis of Atherosclerosis and Current Concepts on Treatment". Dr. Duff is Dean of Medicine and Strathcona Professor of Pathology at McGill University. Two lectures were given on April 13th, 1956, by Dr. John D. B. MacDougall, Lecturer in the Department of Anatomy, Queen's College, Dundee, Scotland, a section of the University of St. Andrews. The first lecture was to the students of the First Year, on "The Muscles of Mastication", and the second was to Staff and Graduate Students on "The Riddle of the Mast Cells". During the three months, February to May, 1956, Dr. Aksel Birch-Andersen, of the State Serum Institute, Copenhagen, Denmark, worked in the Department of Bacteriology and Immunology under the aegis of the National Research Council. On May 11th, 1956, he gave a seminar to Staff and Graduate Students on "Electron Microscopic Studies of Thin Sections of Bacteria".

The Alumni of the university provided an additional \$300 for further improvements in the Staff Dining-room of the Faculty of Medicine. The offices of the Department of Medicine and the Department of Surgery were moved to the Third Floor of the Colborne Street wing of Victoria Hospital. Stacks for the Medical Library were erected in the old Carpenter Shop. In addition, the main Reading Room of the Medical Library is being re-arranged.

The Federal Department of Health has granted \$5,840 to Victoria Hospital for the year ending March 31st, 1957, for the setting up of a glaucoma clinic and research program. A block grant of \$12,700 for the year ending March 31st, 1956, from the Ontario Heart Foundation for the operation of the Cardiovascular Research Unit was received.

One half, which has been received, of a McDermid \$15,000 bequest will be used by the Department of Microscopic Anatomy to purchase special equipment and/or pay salaries of research assistants which might be required, and which could not be provided otherwise through outside grants-in-aid. The remaining \$7,500 when received is to be utilized under the jurisdiction of the Dean of the Faculty of Medicine over a period of years for the purchase of special research equipment within other Departments of the Faculty, the need for which arises from time to time, and for which financial provision otherwise could not be made or, if so, only with difficulty.

Professor M. L. Barr has been advised of a grant of \$12,600 from the J. P. Bickell Foundation, payable over a period of two years to support work in his Department. This Foundation has also granted \$4,145 to the

Departments of Bacteriology and Immunology, Pathology, and Pathological Chemistry, for the purchase of equipment.

During the year it was decided to change the rank of some of the Fellows in the Clinical Departments to Senior Teaching Fellows, and Teaching Fellows to Fellows, to avoid confusion with those who are Graduate Students.

FACULTY OF ARTS AND SCIENCE

Report of the Dean - F. Stiling

The progress of the affiliated colleges, mentioned in the report for 1954-55, continues. The College of Christ the King is in its first year of work, offering several arts courses at the junior level. Presumably, this college will continue to acquire highly qualified teaching staff and with this growth will offer an increasing number of arts subjects. The expansion in curriculum is not, however, confined to one college; Principal Coleman has announced that Huron College will begin increasing the number of arts subjects in 1956-57. The remaining denominational colleges, Ursuline and Waterloo, continue their good work and it is a safe assumption that the four colleges will develop well-rounded liberal arts programmes and thus enhance their academic prestige.

The Board of Governors has announced that the remaining affiliate, Music Teachers' College, will become a constituent college of the University on July 1, 1956. This decision is significant because it establishes a second arts college within the constituent university and the expectation of closer correlation between Music Teachers' College and University College than has been possible heretofore.

This academic strengthening of the colleges and the accompanying increase in registration, increase the responsibility of the Educational Policy Committee of the Senate. As it comprises representatives of all colleges in the Faculty of Arts and Science, this committee provides opportunity for the exchange of information and promotes mutual understanding. Its growing and active interest in the academic programme, the qualifications of the teaching staffs, and equivalent achievement in the different colleges will contribute to the Faculty of Arts and Science not dull uniformity but that variety in order and order in variety essential in a first-class university.

UNIVERSITY COLLEGE

Report of the Principal - F. Stiling

The thought of increased enrollments has been floating in the atmosphere of academic discussion for some time, but at the Conference of National Universities in June 1955, Dr. E.F. Sheffield demonstrated that the idea was a fact. The conclusion drawn from his paper was that this university should make immediate preparation for the great influx of students between 1955 and 1966. Accordingly, two committees of the faculty were established.

The Enrolment Committee was the first of these. The Principal appointed Professor A. B. Conron (Chairman), Professors G. H. Reavely, A. H. Johnson, G. H. Turner, K. Watson, R. H. Cole, W. Balderston, and the Registrar as a special committee and asked them to study the problems that would be created in the constituent university by increased enrolment and to make recommendations for their solution. The committee considered not only the factors in the nation and in the province affecting university enrolment, but the special factors affecting enrolment at Western. On the basis of this study, it made the following forecast:

<u>Year</u>	<u>At the First Year Level Freshmen plus Repeaters</u>	<u>Total University College Enrolment</u>
1956	700	1750
1957	750	1875
1958	800	1950
1959	890	2125
1960	1000	2300
1961	1100	2450
1962	1150	2600
1963	1200	2800
1964	1350	3100
1965	1500	3500
1966	1650	3900

The committee then proceeded to examine and make recommendations about admission requirements, academic standards, increases in staff, building requirements, and time tabling. Under this last heading some attention was devoted to the methods of dividing the university year and, as there had been some public comment about the advisability of using the quarter system, the committee made a thorough study of the advantages and disadvantages of it and arrived at the conclusion that it would be unsatisfactory for this university. (A copy of the committee's report is added as Appendix E.)

The work of the second committee, designated the Central Committee, was a corollary of the first. At the request of President Hall, the Principal appointed to a special committee: Professors Helen Battle, A. R. Walker, A. D. Misener, G. H. Reavely, J. A. Gunton, S. Lauchland, A. B. Conron; with them, President Hall, Mr. Shortreed, and the Principal (as

chairman) met.

The purpose of this committee was to ensure that in the proposed buildings, there should be the best possible planning for academic purposes without unnecessary duplication. The proposal was that there should be another Natural Science building to accommodate the Biological and Geological Sciences, and one for Engineering Science. To obtain the necessary information from the Departments involved, sub-committees were appointed from the Departments of the Biological Sciences, Geological Science, and Engineering Science. A fourth sub-committee was named to study and make recommendations about alterations in the present Natural Science building when the Departments of Botany, Zoology and Geology will have moved to the new building.

This committee worked assiduously because there was a strong feeling that the new Natural Science Building would be needed by the fall of 1958 and the Engineering Science Building by 1959. Recommendations about the former building were completed; those on the Engineering Science Building were partially made; and suggestions about the present Science Building were left in abeyance.

In the year under review, the Department of Engineering Science was accommodated in Thames Hall where it will probably remain until the new Engineering Science Building has been completed. The need for it is apparent when one recalls that the decision has been made to offer four years of Engineering Science, instead of the two originally planned. The work of the third year will be offered in the academic year 1956-57.

The Principal wishes to record his regret at the retirement of Professors A. G. Dorland, N. C. Hart and D. Turville on June 30, 1956. They have contributed greatly to many phases of university life and their varied abilities have over a long period enhanced the reputation of the University of Western Ontario.

#### SCHOOL OF NURSING

Report of the Dean - Edith McDowell

At the May Convocation 1956, 18 degrees Bachelor of Science in Nursing were conferred; 41 diplomas in Public Health Nursing, and 39 diplomas in Nursing Education were granted.

At the October Convocation 1955, 1 degree Bachelor of Science in Nursing was conferred.

#### ENROLLMENT:

(1) Public Health Nursing

50

(2) Nursing Education	46
(3) Psychiatric Nursing (Sept. to Dec.)	13
(4) Bachelor of Science in Nursing, Programme A	
1st year	17
2nd year	12
3rd year	17
4th year	10
5th year	14 (included in (1) and (2))
(5) Bachelor of Science in Nursing, Programme B	4

ADVISORY COMMITTEE:

Two meetings were convened.

Psychiatry:

The Committee explored further possibilities and changes in our Psychiatric Nursing Programme, i.e. - (1) the possibility of including it within one of our present Diploma Programmes, (2) the possibility of recommending that the Department of Veterans' Affairs might wish to take over the Programme for either a) graduate nurses or, b) undergraduate students.

No recommendations have been formulated, as yet.

Nursing Service Administration:

The Committee accepted in principle the need for a Diploma Programme, but recognized that this development must await additional class-room facilities.

FACULTY ACTIVITIES AND FIELD RELATIONSHIPS:

The School of Nursing was privileged to send a representative to the Annual Meeting of the National Conference of Canadian Universities, held in Toronto, June 9 and 10, 1955.

At the request of the Ontario Association of Occupational Health Nurses we provided a two and one half day refresher programme - September 6, 7, and 8.

A member of our Faculty combined a west coast vacation with attendance at the Annual Meeting of the Canadian Public Health Association in Edmonton.

Members of the Faculty gave papers and participated in panel discussions at regional and provincial meetings of the Registered Nurses Association of Ontario and the Ontario Hospital Association.

One Faculty member attended the School of Civil Defence, held at Arnprior, March 19 - 23.

During Field Work visits in Hamilton, March 12 and 13, papers were presented to the nursing staff of the Hamilton General Hospital, and St. Joseph's Hospital.

We continued to provide consultant service to the Advisory Committee of the Victoria Hospital School of Nursing, London, and to its Committee on Curriculum Revision, as well as to the Advisory Committee of St. Joseph's School of Nursing, London.

We continued to provide consultant service to the Review Boards of the Dominion Civil Service Commission.

Our School provided a special address at the 50th Anniversary Banquet of the Royal Victoria Hospital School of Nursing Alumnae in May.

#### IN MEMORIAM:

It is with regret that we record the passing of Miss Margaret McDermid on November 1, 1955. In the early 1920's Miss McDermid organized and directed our first programme in Public Health Nursing. All members of the Faculty and student body attended and formed a cordon at her funeral service.

#### APPRECIATION:

We continue to be indebted to our field work agencies, both voluntary and official for the splendid cooperation which maintains the good quality of student field work experience.

In addition, this year, we required field work experience in Industrial Health Services for some of our more mature students with previous experience in community health. We appreciate most sincerely the cooperation and helpfulness of Doctor Cunningham and Miss Sara Wallace, Division of Industrial Hygiene, Ontario Department of Health, and also Management and Health Services Personnel of the following companies:

London Life, Head Office, London.

John Labatt Limited, Head Office, London.

Bell Telephone Company of Canada, Toronto and London.

McCormick's Limited, London.

George Weston Limited, Toronto.

Canadian Westinghouse, Hamilton.

We wish, too, to record a special note of appreciation to all of the agencies who assisted us through the difficulties created by Miss Frances King's serious illness. Most especially we wish to express our thanks to Miss Alice Nicolle, Educational Supervisor, and Miss Marjorie Rutherford, Regional Supervisor of the Division of Public Health Nursing, Ontario Department of Health, to Miss Mable Hatcher of the City of London Health Department, to Miss Grace Versey, District Director of the Victorian Order of Nurses for Canada, London, and to Miss Mary Ferguson, Regional Supervisor, Victorian Order of Nurses for Canada. Their participation in our programme and their guidance of students during field work helped immeasurably through the unusually difficult crisis.

### SCHOOL OF BUSINESS ADMINISTRATION

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

Reflecting the increased student body of the University, the School of Business Administration had a record number in attendance during the year just completed. For the first time students studying for advanced degrees numbered over one hundred and came from twenty-two universities on this continent and abroad. In the graduate group it is interesting to note that a substantial percentage had been working for a number of years and returned to a university for education in administration.

Accompanying our usual programme of reinforcing existing courses, we took two steps in the academic field which we believe hold promise. The first was to add a semester course in Human Relations. The objective of this is to make the students conscious of the fact that they can acquire and communicate skill in the handling of human situations, for often the well-laid plans of intelligent businessmen flounder because their success depends on the cooperation of people. The Human Relations Course presents one approach to meeting the challenge of human behaviour. A second course of action we took was to appoint a committee to examine whether or not we were giving our students adequate grounding in the humanities and the social sciences, because these are deemed by industry to be most important in a liberally educated business executive. For help on this step, our appreciation is extended to Dean Stiling and several members of his faculty who assisted us in this survey. As a result of the work of this committee, course changes are anticipated in the near future.

In the field of research, the school continued to emphasize case gathering. As a result of the year's work more than fifty such studies were completed. This gives us for the first time adequate problem material in the fields of Marketing and Finance.

In addition the staff of the Division of Research together with students completed work in the following topical areas, all of which were

later published in our Business Quarterly:-

1. "Canadian Corporation Financing 1947-1953" A study of the extent to which large Canadian companies (those with assets over five million dollars) relied on funds from current operations and other sources to meet their operating and expansionary demands.
2. "The Twenty-five Largest Canadian Companies 1946-1956" A statistical summary according to the value of total assets of the increases in size and changes in position which have occurred among the twenty-five largest Canadian companies during the post-war period.
3. "Why U.S. Companies Outsell Canadian" A summary of the results of a student study on the methods used by Canadian companies in the allocation of sales territories.
4. "Has Your Company Organization Charts?" A summary of the thoughts expressed by members of the Executive Opinion Poll on the usefulness of organization charts in their companies.
5. "Consensus of Optimism" A summary of the results of the 1956 predictions obtained through the Executive Opinion Poll.

In addition, two major studies were initiated for later completion. The first consists of an investigation into the problems involved in obtaining co-ordination between key departments in business organizations. The second is closely allied to the one above but is centred on a smaller sphere of activity and concerns the problems involved in obtaining co-ordination between the sales and advertising departments of large organizations. To date a significant amount of the field work on both projects has been completed. Both studies appear to have promising possibilities.

Once again, our faculty were active in teaching on courses outside of their regular semester work. During the winter two programmes of ten lectures were offered to over two hundred persons. One course was centred on manufacturing problems, and the other on the use of figures in business. While not connected with the formal activities of the School, help was given also to courses sponsored by the Canadian Industrial Management Association, Canadian Council of Foremen's Clubs, Canadian National Railways and the Atlantic Summer School.

The Management Training Course for senior executives held its ninth session and again had a capacity enrollment. It is now the second oldest course on the continent in this field. Among the ninety-seven men registered, twenty-seven kinds of organizations and twenty different kinds of jobs were represented. Course members came from all parts of Canada, the United States, England, and Saudi-Arabia. The teaching load was handled for the first time mainly by Western Business School people, although we were again assisted in a very important way by the Harvard Business School group. The objective of the course was the same as in



previous years, namely, to assist Canadian industry in the development of top administrators. There were a number of innovations in this programme. For example, the outstanding professor on automation at the Harvard Business School was with us for a week. We also experimented with some longer business policy cases. It is felt that these shifts were exceedingly helpful.

Completion of enlarged facilities at Spencer Hall enabled us to enroll the largest class we have yet had in Marketing Management. A total of sixty-nine executives were in attendance and while the majority of these came from Ontario and Quebec, both Western Canada and the United States were represented. The Faculty of the School for the first time handled the full teaching assignment. While the course contained substantially the same subject material, emphasis was placed for the first time on Motivation Research. This was accomplished through the introduction of an executive workshop. The graduating members of this course followed the precedent of the previous class by presenting a \$750 grant-in-aid to the School.

The School has for some time recognized its responsibility in staging one or two day meetings for various groups. This year to our campus we welcomed thirty senior business executives for a two-day meeting on Statistical Quality Control. As a result of this programme, it was the consensus of the conference that the area represents a very useful but misunderstood tool for management. It is hoped that similar meetings on selected subjects will be held each year.

The Placement Division reports a very busy year in welcoming twenty-five percent more employers than in the previous year. Eighty companies made up the total figure and held more than one thousand interviews. While the starting salaries were in many cases substantially higher than in 1955, it is very interesting to note that in most of the employment contracts being made, the students did not decide on the jobs with the highest salary offer. Rather they were inclined to choose companies with sound training programmes and with a good record for advancing college-trained men. While most of our men graduated into business jobs it is interesting to note that more than ever before, men took interesting career jobs with the Federal Government. The Bank of Canada, the Foreign Service and the Trade Commissioner's Service all obtained men from this year's graduates.

During the past year we again followed the practice of exposing our students through field trips to actual industrial situations. As a result of the programme of the field trip committee, twenty-two companies in fourteen Ontario centres were visited. During the spring and winter, eleven members of the faculty assisted in escorting students on these trips. The companies participating in the programme gave excellent cooperation and, as in the past, the programme proved to be not only educational but served as a link between the School and business organizations.

Our Business Quarterly is in its twenty-second year of publication. This publication continues to grow both in size and circulation for Volume XX contained three hundred and twenty pages, a record number. Each issue has provided a forum for members of the University of Western Ontario's

staff and students, who together supplied seven of thirty articles. In addition to more numerous articles, the Quarterly now includes shorter features and illustrations, coloured page inserts and glossy paper for better advertising. To mark the end of the twentieth volume a complete index of the first twenty volumes was published as a valuable aid to research. As a result of an extensive campaign by mail to businessmen our paid circulation is now close to two thousand. While we continued our reduced rates to students and free subscriptions to universities, our revenues have increased to the point where our Quarterly not only is a valuable asset to the School but is practically self-supporting.

Aside from Business Quarterly articles this was not an active year in faculty publication. As this report is being written, however, a total of six books are in preparation by our professors. These will be appearing throughout 1956-57 and will represent by far our greatest contribution to published business data.

The School of Business Administration Advisory Committee under the chairmanship of Mr. J. R. White held three formal meetings. Throughout the year in other ways too they continued their outstanding service to us. Most gratifying was their leadership in the raising of over \$200,000 for project research. They were also of material assistance in the completion of the plans for the new Richard G. Ivey School of Business Administration Building, construction of which began in April.

The School had one addition to its staff. Dr. D.S.R. Leighton joined the faculty for the first time, coming to us from a doctoral programme successfully completed at the Harvard Graduate School of Business Administration. He is making a valuable contribution in the field of Marketing. In addition, we welcomed back R. K. Ready and Prof. Lloyd Sipherd, both of whom had been on leave. It is a pleasure to report that R. K. Ready was successful in obtaining his doctoral degree from Harvard. One of our professors, J. C. Taylor, was made a Member of the Management Committee of Canadian Chartered Accountants and elected a Fellow of the Institute of Chartered Accountants of Ontario.

Members of the Faculty were actively engaged in a number of ways during the past year. Assisting industry with courses, consulting, case gathering, and preparation for publication, were among the more important. Much faculty time was expended on working on some of the problems which the school will face in the expansion brought about by larger premises and our expanded research programme.

HURON COLLEGE

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

During the academic session, 73 students were registered in Arts and Theology; of these 45 lived in the College residence and Brough Hall. 107 University students not registered at the College lived in residence.

Faculty: The following changes occurred:

- (1) Dr. Frantisek Uhler, lecturer in Philosophy and Ethics, resigned to accept an appointment to King's College and Dalhousie University, Halifax, as Associate Professor of Sociology, September 1, 1955.
- (2) The Reverend W. S. Morris, Ph.D. (Chicago), Teaching Fellow at the University of Chicago, was appointed Professor of Philosophy and Ethics, effective August 1st, 1955.
- (3) The Reverend T. R. Harris, M.A., B.D. (Columbia University and Union Theological Seminary, New York) was appointed Professor of Religious Education and Director of Field Work, effective August 1st, 1955.

Graduates:

The degree of Doctor of Divinity (honoris causa) was conferred at a University Convocation held at Huron College, December 1st, 1955, on the following:

The Venerable F. G. Hardy  
The Venerable J. H. Mills  
Canon A. A. Trumper

The degree of Doctor of Divinity (jure dignitatis) was conferred on the Very Reverend J. Watton (Dean of Moosonee).

At the College Convocation in May, seven theological students received the Title of Licentiate in Theology and one student received the General Synod Title of Scholar in Theology.

Convocation:

The Huron College Convocation was held in the College Hall on Friday, May 4th at 8 p.m. The address was given by the Reverend Professor D. R. G. Owen, M.A., Ph.D., Associate Professor of Ethics, Trinity College, Toronto.

Alumni Association:

The Alumni meetings were held in the College in the second week of September. The main addresses were given by the Reverend Professor Julian Langmead-Casserley, M.A., Ph.D., Professor of Dogmatic Theology, General

Theological Seminary, New York, and the Very Reverend Burton Thomas, D.D., Dean of Rupert's Land. The new President of the Alumni Association is the Reverend Gordon Houghton, Rector of Oldcastle, Ont.

### Building Plans

The Huron College Council is planning to proceed with the completion of the third floor of the Residence. This will provide accommodation for 60 additional persons, including two bachelor suites for junior members of the Faculty. The next addition to the College will be the construction of a library to provide space for 100,000 volumes and reading room accommodation for the students.

### Arts Department

Commencing in September, 1956, the College will register students proceeding to the B.A. degree, men and women students who are not intending to take Theology, as well as those who do. The College will also build up a faculty in Arts. This September an English Department will be inaugurated. Dr. Eleanor Jared will become head of the Department and Mr. David Taylor, M.A., of Toronto will assist her as an Instructor in English.

### American Association of Theological Schools

In 1956 Huron College was granted Associate membership in the American Association of Theological Schools, the official accrediting body of theological seminaries in America. In the course of the next two years the College intends to apply for full accreditation.

### Librarian

The Reverend J. H. L. Henderson, B.A., B.D. has been appointed Librarian and will lecture in Canadian History. Mr. Henderson hopes to receive his Doctorate of Divinity at the Fall Convocation of the University of Western Ontario.

## ST. PETER'S SEMINARY COLLEGE OF ARTS

Report of the Rector - Rt. Rev. Andrew P. Mahoney

The College of Christ the King, which takes care of lay students attending St. Peter's Seminary College of Arts, was officially opened by His Excellency, the Bishop of London, on September 14, 1955. It has accommodation for 110 students in residence. 100 students occupied it in its first year of operation.

From the beginning it was evident that, besides the first year of General Arts, classes in the 10's had to be taught. The Staff consisted of

eight priests and two laymen. There were 46 students registered for classes. Of these one third passed all their examinations in May, two attaining the distinction of the Dean's Honour List.

In sports the College managed to win the Intramural Hockey Championship in the first year of competition.

Rev. Paul Eugene Crunican obtained his M.A. in History and Rev. Stanley Edward McGuire his M.A. in English at the University of Toronto. Rev. Eugene Philip La Rocque obtained his M.A. in French at Laval University. These three young priests join the staff in September.

### URSULINE COLLEGE

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

The year opened with a delight for Ursuline College. The Dean, who had been on staff since 1924 and in the office since 1939, was presented to the Chancellor of the University for the degree of Doctor of Laws, honoris causa. September 30 was the date for the Convocation for the opening of Christ the King College. One Brescia freshman in the gallery expressed the feeling of others: "It thrilled me as if I myself had been honoured by the University."

A new statue of Our Lady of Brescia was placed over the front entrance in October. There were lectures, good movies, programmes of drama and music to enrich the year. A London Diocesan programme greeted the Most Reverend John C. Cody in February to get our Centennial Year under way. In March the sixth annual Symposium to express scholastic philosophy showed development of talents.

Our fine chapel pipe organ, assembled by Keates of Lucan, was dedicated in April. Dr. Harvey Robb gave us a private recital to try the pipes before that date. The inauguration was a triumph for the assiduity and enthusiasm of Mother St. Michael, who has guided the choir with great success for years with a small reed organ.

Our Library is the richer for \$550 worth of extra books, the sum given by our generous Advisory Board.

Baccalaureate on May 6 in St. Peter's Cathedral for our graduating class of 1956 was distinguished by our Bishop, Most Reverend John C. Cody, giving pontifical benediction, and by Most Reverend F. A. Morrocco, Auxiliary of Toronto, addressing the congregation.

At this time a listing of the memberships held by members of our teaching staff in Learned and Professional Societies may be of interest;

<u>Name</u>	<u>Department</u>	<u>Memberships</u>
Mother M. Dominica	Home Economics	1. Canadian Home Economics Association 2. Canadian Association Consumers 3. Ontario Dietetics Association.
Mother M. Mercedes	History	Canadian Catholic Historical Association
Mother M. St. James	English.	1. Canadian Catholic Historical Association 2. Modern Language Association
Mother Rosanna	Modern Languages and Sociology	1. American Association of Teachers of Spanish and Portuguese 2. American Catholic Sociological Society
Mother St. Michael	Philosophy and Economics & Political Science	1. Humanities Association of Canada 2. Canadian Classical Assoc. 3. Canadian Association of Economics and Political Science (with membership in the Sociologists' chapter) 4. Ontario English Catholic Teachers' Association 5. Catholic Renaissance 6. American Catholic Philosophical Association 7. American Catholic Sociological Association
Mother St. Catherine	English	Canadian Classical Association
Mother M. Victoria	Home Economics	National Catholic Council on Home Economics.

MUSIC TEACHERS' COLLEGE

Report of the Principal - Harvey Robb

The item of major importance to be included in this report has to do with the change of relationship of Music Teachers' College to the University of Western Ontario. During the years dating back as far as 1939 many members of this London community have contributed in various degrees to the idea of a music programme sponsored by the University. The music policies varied frequently to suit the hurdles that had to be met at the moment; yet the central source of inspiration and motivation was pointed to the one goal - adoption by the University. The recent action of the Board of Governors has made this dream an accomplished fact.

In a venture of this kind various forms of support are welcome and much appreciated. Passing through the field of simple good wishes and on into the periods where wise and experienced academic advice played an important part, progress was maintained. In the earlier stages adequate financial aid was forthcoming but it was not until the A. E. Silverwood Foundation was instituted, through the magnanimity of Dr. A. E. Silverwood, and provided financial backing of such major proportions to Music Teachers' College that the ultimate goal was made possible.

It would be out of place at this time that I should make an attempt to mention by name all those who have helped in so many ways to further the cause of music at Western. As Principal, however, I would like to express my deep and warm appreciation to those who have had a share in this work.

Now that the Board of Governors has authorized Music Teachers' College as a constituent part of the Faculty of Arts and Science I feel that our objective has been accomplished. Permanency is assured and what takes place in the future will be a new programme altogether. Possibly the name "Music Teachers' College" may be changed for one suggesting a wider purpose. Additional courses of more specialized types may be organized. As the demand increases additions to the lecturing staff will be made. Finally, may I express my firm belief that as the University reaches for ever increasing heights of scholarship and influence Music Teachers' College will play an adequate role.

SUMMER SCHOOL AND EXTENSION DEPARTMENT

Report of the Director - S. F. Maine

The work of the Department was organized under two headings:

(a) Courses leading to a B.A. degree

- (b) Non-credit work that may be subdivided into (1) lectures and courses of a cultural nature, and (2) special courses designed to meet specific requirements.

A

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

Summer School

Seven hundred and forty-five students registered at the 1955 Summer School making it the largest in our history and an unprecedented increase of one hundred and twenty-two over the previous year. The majority of the students were teachers from Ontario, but in addition students were registered from British Columbia, Alberta, Saskatchewan, Quebec and Nova Scotia, and from the United States, Viet Nam, Costa Rica, Colombia, India, Nigeria and Trinidad. A total of twenty-one subjects was offered. Again there was an excellent representation of students doing graduate work in that many were proceeding toward their Geography Specialist Certificate.

Extension Courses

Six hundred and five students were registered for Extension courses, an increase of sixty over the previous year when there had been a considerable drop due to the zoning agreement. Classes were held in nineteen centres, one of these being an entirely new centre at Thornbury, a second one being a re-established centre at Simcoe. Many students were in attendance at the tutorial classes in Sault Ste. Marie, Sudbury and Timmins, Ontario.

Correspondence Courses

There has been a steady increase in the number of students taking subjects by correspondence with this year's registration showing an increase of sixty over the preceding year. Students taking these courses were from many parts of Canada as well as from India, and the United States.

Recreation Directors' Course

The Extension Department continued the in-service training course for Recreation Directors which it took over from the Department of Education in January, 1955. Courses for these Directors are offered by correspondence supplemented by a practical on-campus five-day Conference and Seminar. During the past year 86 were registered in the first year, 12 in the second year and 5 in the final year of the Course.



Registrations

Summer School.....	745
Extension (56 classes).....	605
Correspondence.....	<u>343</u> + 103 in Recreation
Total credit students.....	1693 (over-all increase of 245)

B

NON-CREDIT COURSES

Armed Services

Talks on Current Events and World Affairs were requested by the Air Force Stations at Clinton, Aylmer and Crumlin and lectures were provided for all three through the Extension Department.

Creative Writing - London

Forty men and women registered in the Course in Creative Writing held for the third successive year in London at the Public Library. This course has been very popular and a number who have been in attendance have had articles accepted by various magazines. The lecturer for the ten sessions was Professor James Scott of the English Department.

Creative Writing - St. Thomas

For the second year in succession under the auspices of Alma College and the University of Western Ontario a course of lectures in Creative Writing was presented in St. Thomas. The course which began in November continued for ten weeks and by popular request was continued for a further six lectures. The class was divided into two sections, beginners and second year students. The first year students received instruction in commercial writing while the second year students specialized in the fields in which they had initial success. A considerable number of the thirty-five registered had articles accepted by magazines, journals, papers etc.

Film Institute

The Ontario Film Council under the direction of E. R. Crawford of Stratford, held its annual workshop in the Arts Building at Western during July. Forty were in attendance from all parts of Western and Central Ontario, and were housed during the course at Huron College. The purpose of this Institute was to discuss new film techniques and to exchange ideas and experiences in the use of films.

Foremen's Club

The Western Ontario Foremen's Clubs in cooperation with the

Extension Department of the University held a second one-day Conference at Western in April. Western staff men led some of the discussions which centred around problems confronting Foremen. Approximately 300 were in attendance.

#### Institute of Radio Engineers

Twenty-nine people were registered for a series of lectures held on alternate weeks beginning November 1. The eight lectures were given by the Head of the Engineering Department, Professor Stuart Lauchland.

#### Labour - Welfare Seminar

A seminar open to members of Labour Unions and other associations of working people, interested in the Community Chest and Planning Council, met in January in the Arts Building of the University to discuss Welfare Services in the community. Questions such as The Welfare Dollar, The Tax Dollar, The Charity Dollar and Labour's accent on service and needs were discussed. About 20 were in attendance.

#### Lumber Dealers Course in Problems of Management

The Extension Department in cooperation with the South-western Ontario Lumber Dealers Association presented a six-lecture course beginning in January, to Lumber Dealers interested in modern methods of selling and advertising, handling of materials, grading of lumber etc. Among the lecturers were members of the staff of Western and the Faculty of Forestry of the University of Toronto. Classes were given in Thames Hall. Over 70 men were registered from the area between Brantford and Windsor.

#### Physics Refresher Course

In an attempt to improve the quality of teaching of Physics in High Schools and Collegiates and to further qualify teachers of Science, a week long Physics Refresher Course was conducted with four members of the Physics Department acting as instructors. Twenty-three students from many parts of Western Ontario were registered.

#### Public Speaking - London

The course in Public Speaking was offered in London for the second year in succession from January to June. The course, which was composed of 13 lectures and practice periods, was open to credit and non-credit students and was held in the London Public Library. Nine credit students registered as well as twelve non-credit students. Members of the class studied basic problems of speech and gained practical experience in Public Speaking, conduct of meetings etc.

#### Public Speaking - Brantford and Guelph

A course in Public Speaking similar to the one offered in London was given in the Brantford Y.M.C.A. Seven credit students in addition to

the non-credits took the course. A third course in Public Speaking similar to this one was offered in Guelph for twenty credit students from Western.

### School of Religion

The popularity gained by the School of Religion at Western during the past few years was evidenced by the fact that over 75 ministers from many Protestant denominations throughout Ontario as well as two from Quebec were in attendance. Two outstanding lecturers Dr. B. Davey Napier of Yale University and Dr. Walton E. Cole, of First Congregational Church in Detroit, supplied the leadership and scholarship to make the School an outstanding success this year. The first lecturer took as his theme "History and Faith in the Old Testament" while the second lecturer took his subjects from the fields of Homiletics and Counselling.

### National Secretaries Association Seminar

For the first time in Canada the National Secretaries Association with the cooperation of the Extension Department presented a day long secretarial workshop at Hotel London. The interest in and response to this workshop were overwhelming and over 300 were in attendance. Questions of vital interest to secretaries and office executives were discussed. The Head of Western's Secretarial Department was one of the prime sponsors.

### Television Broadcasts

During the year from November to May weekly television broadcasts were arranged by the Extension Department. The first series began on Sunday, November 27 with five members of the Philosophy Department participating. In turn the English, History, Geography, Romance Languages and Mathematics Departments as well as the School of Business Administration gave series of lectures. An attempt was made in each of the broadcasts to outline some of the particular features and work of each of the Departments.

### Television Workshop

A Television Workshop was sponsored by the Extension Department and the London Council for Adult Education and was designed specially to improve the calibre of T.V. presentations. Three members of Western's staff took an active part, as well as representatives of the Council for Adult Education and of Station C.F.P.L. - T.V. The Canadian Broadcasting Corporation sent one of their producers, and the Editor of their Script Department to take part and to observe. The day and a half School emphasized the practical side of the producing and writing of scripts. Lectures and panels combined to add interest and public participation. There was a total of 70 registered for the Workshop.

### United Nations Seminar

For the third year in succession the United Nations Seminar was sponsored by the United Nations Association and the University of Western Ontario. This third Seminar was one of the most successful, with 148

students in attendance, from all over central and western Ontario. Dr. John Gwynne-Timothy participated in the programmes as well as outstanding speakers from the United Nations and the Department of External Affairs. The City tendered a civic banquet.

#### Traffic Conference

In cooperation with the University, the Ontario Traffic Conference presented a traffic training course for two weeks during May, 1956. Problems of highway traffic control, prevention of accidents, and traffic rules and regulations came under discussion. Practical demonstrations served to point out the seriousness of many traffic problems. Students were housed and lectures held at Huron College.

#### Wayne University Classes

The Extension Department gave courses in Politics and United States History for Wayne University of Detroit which is offering a course in Industrial Arts to Canadian teachers. The twenty or more teachers registered in the course have been given classroom space in this university.

#### University Women's Clubs and So-eds - Sarnia

The Sarnia University Women's Club and So-ed, an educational and social group in the Sarnia Y.M.C.A., again asked for assistance in providing lecturers in special fields for their programmes. These requests were met and a number of lecturers provided during the year.

#### Workers' Education Association - Stratford

The Stratford W.E.A. continued its adult education programme in association with the Extension Department upon which it relies for direction and speakers. Two series of ten lectures each were offered, with the first one being called "Highlights of Life Today" and the second series entitled "The World We Live In". Lecturers were provided almost entirely from the staff of the University. In addition a series of ten lectures in the Art of Public Speaking and Discussion was provided by Professor Buckley of the English Department.

#### Workshops for Community Programmes

Again this year the Extension Department cooperated with the Community Programmes Branch of the Ontario Department of Education in arranging a number of lectures by members of the University staff for workshops throughout Western Ontario, particularly in small communities such as Staffa, Russelldale etc.

#### Sarnia Drama Discussion Lecture

On the invitation of the Sarnia University Women's Club Dr. Atkinson of the English Department spoke on one of the plays to be presented at the Stratford Shakespearean Festival. This was similar to a project of

the previous year in which Dr. Atkinson gave a series of three lectures on the current Shakespearean Plays at Stratford to a group in Woodstock.

General Comments of Interest on Department Activity

(1) Attendance of non-credit students in credit classes:

A growing number of people availed themselves of the opportunity to sit in on credit classes as auditors in order that they might participate in serious studies and discussions even though not working toward a degree.

(2) Teachers' Colleges:

A number of the Teachers' Colleges in the Province were visited by the Extension Director to discuss opportunities for further education in the Summer School, the Extension Classes or the Correspondence Division. The numbers have substantially increased in the Teachers' Colleges during the past few years and many new teachers show keen interest in advancing their education.

(3) Speakers' Bureau:

The Extension Department continued its policy of operating a Speakers' Bureau to make lecturers available at a modest cost to many clubs and organizations in Western Ontario.

TROIS-PIS TOLES SUMMER SCHOOL

Report of the Director - H. E. Jenkin

At the 23rd session of the Trois-Pistoles Summer School 55 students were registered for French, 50 for English, 17 for Painting and 34 for Art Appreciation, a total of 156.

The following persons made their debut on the staff at Trois-Pistoles: Mr. Rolland Legault, B.A. (French), Mr. William Wallace, B.A. (English) and Miss Jeannine Desgagné (Secretary).

Mr. Louis Belzile, in charge of the Painting section, had a very successful summer. His suggestion of an art appreciation course of six lectures met with a very encouraging response. Each point taken up was made in both English and French, and the lectures were illustrated by coloured slides. It is proposed to give a similar course next summer.

In August, Mr. Clément Paradis was named Principal of the St. Paul de la Croix School, Montreal.

An important factor in the success of the School is found in the contribution made by certain private individuals of Trois-Pistoles. The Junior Advisory Committee, constituted in 1954, gave valuable assistance under the leadership of its Chairman, Mr. J. E. Allard. It made arrangements for welcoming and sending off the students, and in various ways did much to guarantee the success of the social activities programme. Whenever an excursion was arranged or a picnic organized, private automobiles were placed at our disposal, so that transportation was never a problem.

A member of the Senior Advisory Committee, Mr. Charles Morency, who is warden of the bird sanctuary and manager of the parochial centre, has for many years worked in a quiet and efficient manner to ensure that the citizens of Trois-Pistoles become increasingly aware of the significance of the School in their midst.

He organizes boat trips around the islands which the Provancher Society has turned into a bird sanctuary. These are always of more than passing interest to the students who enjoy the informal lectures which he gives on each occasion.

Among the visitors to the School were Professor and Mrs. W. E. Collin of this University, Miss Margaret Fallona of London, a former member of the teaching staff, Mr. J. Moïse Caron, who represented the Superintendent of the Department of Public Instruction, and Mr. J. W. Monteith, M.P. and Mrs. Monteith.

The photo-story on the School for which Mr. Louis Jaques and Miss Jacqueline Moore gathered material at Trois-Pistoles last summer appeared in Week End on August 27th, 1955.

### THE UNIVERSITY LIBRARIES

Report of the Chief Librarian - J. J. Talman

In presenting the library report for 1955-6 circulation must be the first subject commented upon. In last year's report it was shown that the downward trend which had persisted for many years had finally been reversed.

The following table shows the increase in the circulation of the General Library.

1953-4	-	60,072
1954-5	-	70,932
1955-6	-	80,065

These figures reveal an increase of slightly over 9,000 or 12.6 per cent. In the report for 1954-5 it was stated that since most of the

increase in circulation for that year had been in the Main Reading Room, a determined effort had been made to divert circulation to the Reserve Book Room. The effort was successful, for Reserve Book Room circulation was raised from 6,993 to 9,000, or 28.5 per cent. At the same time this increase did not entirely relieve the Main Reading Room as circulation there rose approximately 7,000 or 11 per cent. The conclusion seems to be inescapable that more books should be made directly available to borrowers. The physical arrangement of the Reserve Book Room does not permit any great extension in this way.

Statistics for circulation at the Medical Library are down but this fact may be explained by a change in policy. Beginning in April the only statistics reported were those for books actually charged out over the circulation desk. Prior to this, circulation figures have also included volumes consulted in the reading room. At best the system was inexact. After a few years the new system of record keeping will provide a more accurate picture.

Interlibrary Loans:

At the General Library interlibrary loans did not show much variation from other years. Outgoing loans showed an increase of 66 over the previous year but did not come up to the figure of 1953-4.

At the Medical Library loans both in and out remained fairly constant. The following tables show the picture clearly.

General Library

<u>Loans to other libraries</u>		<u>Borrowed from other libraries</u>	
1953-4	412	1953-4	230
1954-5	323	1954-5	383
1955-6	389	1955-6	376

Medical Library

<u>Loans to other libraries</u>		<u>Borrowed from other libraries</u>	
1953-4	396	1953-4	306
1954-5	641	1954-5	307
1955-6	599	1955-6	408

Cataloguing and Accessions:

Cataloguing and accessions in the General Library showed a healthy increase from 4,532 in 1954-5 to 4,997 in the year under review, almost a 15 per cent increase. Volumes re-catalogued numbered 651, an

increase of 16 over the previous year. It has been gratifying to be able to re-catalogue the books in the Shakespeare section. This was made possible by the availability of Mr. Robert Scoon, a graduate librarian registered at Huron College, who did this work as a part time member of the staff. Thus the change of classification from the Dewey to the Library of Congress System, begun in 1925, is almost completed.

Medical Library accessions dropped, largely in the donation column. The explanation for this is that actually the figure for 1954-5 was not normal as many gifts from previous years were accessioned and catalogued in that period. An attempt is being made to bring the catalogue up-to-date. So far, about 500 books and journals have been correctly re-catalogued. At the risk of being technical, it may be stated that the library "has cards" are being brought up-to-date, the "see" cards are being brought in line with good library procedure and the subject headings are being revised.

Gifts:

The gift book in the General Library contains 109 entries showing that, as in previous years, the library has proved to have many friends. Since it is not feasible to give the entire list here, some of the more notable gifts must be recorded. Victoria University Library, through Miss Margaret Ray, the librarian, presented a complete positive microfilm of the Christian Guardian for the years 1829 - 1863. The Library was prompted to make this generous gift because the University Library permitted Victoria to microfilm the James Evans Papers.

Mr. Joseph McManus, of London, purchased for the library a set of the Jesuit Relations, 73 volumes, edited by Reuben Gold Thwaites.

Mr. L. D. W. Magie, of Peterborough, who had not previously been a donor, offered thirty-seven volumes required by the library which were gratefully accepted.

Mr. Vincent J. O'Donnell, Jr., of Montreal, gave \$50 towards the purchase of a microfilm copy of D'Arcy McGee's paper, printed in Dublin, The Nation 1842-52. No other file of this paper is recorded in Canada.

Mr. and Mrs. Alexander Kennedy, of Windsor, Ontario, presented an extensive collection of books, largely in American history, in memory of their son, Douglas R. Kennedy, B.A., 1943, M.A., 1945.

The Medical Library, as in other years, received many gifts. The following cash donations must be noted separately.

The Academy of Medicine	\$ 75
College of Physicians and Surgeons	200
Dr. J. W. Crane	100
The Hippocratic Society for the Percy Johns Fund	25



In addition to financial contributions listed, 21 local physicians brought in 1,804 journals and books.

The special collections of the University are becoming more and more known by American scholars. In the space of 10 days in June no fewer than four students working on Ph.D. theses or other serious projects found occasion to visit the library for some days. These were: Professor C. R. Davis, of Rutgers University, who consulted certain unique Cobbett pamphlets in connection with his bibliographical studies of Cobbett; Sister M. Theresa Aisla, Columbia University, who spent several days going through the David Mills papers for material for her Ph.D. research; Mr. Alex Ricciardelli, of the University of Pennsylvania, who is studying the Indians of Western Ontario; and Professor William H. Pease of Rensselaer Polytechnic Institute who is making a study of Negro settlements in North America. The last mentioned found a great deal of information thanks to the long established policy begun by Professor Fred Landon of building up material on this subject in the library.

#### Staff Changes:

It is with regret that we report that Mrs. Frances Gauld, who had worked as a part-time assistant for many years, largely in connection with bindery, died in June.

Dr. John Gwynne-Timothy, who joined the staff in 1953, resigned at the end of the 1955-6 fiscal year in order to do full-time teaching in the history department.

Miss Caroline MacKenzie, who had been on the staff for eight years, resigned in order to spend some time in Scotland. She is now working in the University of Glasgow library.

Mrs. Joan Dafoe Ziegler resigned in December 1955 and her place was taken by Miss M. E. Skeith, of the staff of the Edmonton Public Library.

Miss Irene Johnson, of the Medical Library staff, resigned March 1, 1956, to be married and reside in England. She was replaced by Miss Rachel Barnes, of the General Library, who has had wide experience in medical libraries in England and New Zealand.

Mrs. Jean Marr resigned in March and was replaced by Miss Barbara Pierce as secretary at the Medical Library.

Mrs. Margaret Snyder, a graduate of Northwestern University and McGill Library School joined the staff in September 1955 in the place of Miss Alvira Brush whose resignation was reported last year.

#### Staff Activities:

As in other years, members of the staff taught library science to

freshmen classes. The increased enrolment is beginning to make this service a severe drain at the busiest time of the library year.

Miss Benson was elected president of the Ontario Historical Society. She also served on the nominating committee for the Research Libraries Section of the Canadian Library Association.

Miss Bishop served a second year as editor of the Reference Workshop Section of the Ontario Library Review.

Dr. Talman continued as chairman of the Microfilm Committee of the Canadian Library Association and was elected treasurer of that body. The latter post requires service on several additional committees. In June he was appointed chairman of the Governor-General's Awards Board. He also served on the Canadian Social Science Research Council.

Several staff members attended meetings of the Ontario Library Association, Canadian Library Association, Canadian Historical Association, Ontario Historical Society, Royal Society of Canada, and the Mississippi Valley Historical Association.

#### Other Activities:

In addition to the regular activities, the library undertook to arrange for and distribute a display of British Medical books in the medical libraries of Canada. This was done for the British Council and the thanks given by the British Council and the participating libraries were most gratifying. From time to time the University Library has arranged for similar displays and, it is to be hoped, may be able to do something similar in the future.

#### Expansion at the Medical School

The problem of space in the Medical Library was somewhat alleviated during the year when the old carpenter shop was made available with stacks providing 2,436 linear feet of shelving. It is estimated that this space will be adequate for about four years when the acute problem of expansion will again have to be faced.

In conclusion I must record my thanks to all members of the library staff who co-operated to make a successful year possible.

MUSEUM OF INDIAN ARCHAEOLOGY AND PIONEER LIFE

Report of the Curator - Wilfrid Jury

As a result of the new compact display cases for Archaeological material the Museum display room is becoming more in keeping with other museums throughout the province. Specimens can be studied with ease, and with less danger of destruction. Student interest in the Museum has increased with better lighting. Additional models of pioneer life, made by Mr. A. H. Jury, have been added to the displays. Unfortunately, several realistic, educational models are still in storage because of lack of space in the Museum.

The Museum is suffering from the lack of staff. We are indebted to my wife for assisting in this work. Otherwise the only assistance comes from students.

The field work in the Georgian Bay Area commenced on the 15th of April and continued to September 1st. From September 1st to October 15th we explored the Jesuit Mission Site of St. Francis Xavier IV, at the south shore of the St. Lawrence River, opposite Montreal. The results were gratifying. We located the Mission House, the Church, and 19 Indian Houses, including one Long House. Many valuable 17th century objects were recovered - 5,000 relics, in all, being catalogued. The research shed light on the transition period of Indian life, when the Red Man was learning to live with the European. The site is of historical importance, having played a major role in the history of the troubled times when English and French were striving for supremacy with the Native Tribes.

During the months of May and June I continued work on the Indian Village at Midland. This reconstructed village is a good visual lesson in early Indian life. It was built under the sponsorship of the Midland Y.M.C.A. Y's Mens Club. During the month of June it was visited by 3,000 supervised school children; during the summer there were 25,000 paid admissions. The School of Indian Archaeology spends some time there - performing tasks with primitive tools, and cooking in earthen pots.

The School of Indian Archaeology was attended by 15 students. Work was continued on a site in Tay Township near Wyebridge. Late in August I was assisted by 25 prisoners from a recently developed prison farm in the district. The men worked at heavy brush clearing and removing top soil. The School headquarters are in the Officer Quarters Museum at Penetanguishene, which we continued to supervise.

UNIVERSITY HEALTH SERVICE

Report of the University Physician - Dr. Richard Bowen

General

No change was made in the over-all plan of the Student Health Service, or student Health Insurance, for the academic session of 1955-56. Expansion beyond the half-time basis, however, was found necessary. The clinic was open from 10 a.m. - 4:30 p.m., Monday to Friday. During that time students could obtain medical advice, treatment, or information concerning the insurance scheme. Physician's services were available Monday and Thursday 10:30 a.m. to 12:30 p.m., in addition to each afternoon.

At the request of University College, the Health Service was opened on Saturdays 9 a.m. to 4 p.m., for the three week examination period, with full-time nurse and physician available.

Annual Physical Examinations

Arrangements were made for all students to have physical examinations during registration week. Abnormalities found were rechecked at the Health Service and at the Medical School during the first semester and the necessary treatment or advice given. In view of past experience with an increasing student body, it was deemed advisable to restrict physical examinations at the commencement of the fall term to Freshmen, transfers and all personnel coming to the University for the first time. Arrangements are completed to commence the examinations of Football personnel on September 4th, 1956.

Annual X-Ray Survey

Once again all students were X-rayed in January. Of the 2,615 members of staff and students X-rayed, three were advised to enter Sanatorium for investigation and treatment. Of the two students admitted to the Sanatorium last year, one was able to return to the University this year, while still under the care of the Sanatorium staff. The other has left University but is no longer a patient in Byron Sanatorium.

Health Education

A course of lectures extending over nine weeks was given to all first year students during the first semester. The text-books - "ELEMENTS OF HEALTHFUL LIVING" by H. S. Diel and "THE SCIENCE OF HEALTH" by F. L. Meredith - were recommended. Films obtained from the London Board of Education, and coloured anatomical charts were used.

Student Insurance

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

This scheme has worked satisfactorily for several years. The company is most co-operative and a great many students are helped tremendously by the insurance. However, the large number of claims made by students during this session, and the rising costs of hospital and medical expenses may make some revision of the policy necessary in the near future.

The total number of claims handled by the Health Service Office was 367 up until June 30. All the work in connection with the insurance was dealt with by the secretary.

Clinical Work

Throughout the year the clinics were extremely busy. The work was regularly handled in the time allotted and the increased Health Service hours made this possible.

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

Consultations at the Health Service. . . . . . 3,633

Cases Referred:

Medical . . . . .	14
Surgical & Orthopaedic . . . . .	72
Eye . . . . .	34
Ear, Nose, Throat . . . . .	26
Dermatologist & Skin Clinic . . . . .	6
Dental . . . . .	16
G.Y.N. . . . .	3
Genito-Urinary . . . . .	4
Chest Clinic . . . . .	2
Admitted to Sanitorium . . . . .	3
Arthritic . . . . .	2
X-ray . . . . .	88
X-ray Therapy . . . . .	18
Neurologist . . . . .	1
Psychiatrist . . . . .	6

Innoculations and Tests:

T. B. Tests . . . . .	3
Wasserman . . . . .	7
Paul Brunnell . . . . .	2
T.A.B. . . . .	38
Vaccination . . . . .	23
Diphtheria & Tetanus . . . . .	6
Tetanus Toxoid . . . . .	7
Staphlococcus Toxoid . . . . .	56
Cold Serum . . . . .	15
Poison Ivy Serum . . . . .	1
Allergy Serum . . . . .	208
House Calls . . . . .	20
Medical Students . . . . .	35
Staff . . . . .	114
Withdrawals . . . . .	7

Staff

Dr. Helen Rossiter retired as University Physician early in 1956; fortunately Dr. Rossiter carried on as Assistant-University Physician, and took the clinic one afternoon a week. Her interest in the students' welfare and kind help to her successor have been greatly appreciated.

The Health Service is most fortunate in having the services of Dr. Frederick Curts as Assistant-University Physician. Dr. Curts brings to bear broad experience in General Practice and Public Health work in his work in the clinic.

Secretarial and Nursing: I feel that the University is most fortunate to have the services of both Mrs. M. Jarvis as secretary, and Mrs. R. Bond as Victorian Order nurse. Both are exceptional individuals in themselves; are competent and always willing to give service and time beyond that expected.

The Victorian Order of Nurses have again given excellent service, consistently competent, cheerful and kindly. The Victorian Order of Nurses' car has again been used repeatedly for taking ill students home or to hospital.

Physician

The following meetings were attended by the University Physician:

The monthly staff meeting, Victoria Hospital

The monthly staff meeting, St. Joseph's Hospital

The monthly meeting of the London Academy of Medicine

The annual meeting of the Ontario Medical Association in Toronto

The annual meeting of the American College Health Association,  
May 17 - 19 in Minneapolis, U.S.A.

The monthly meeting of the section of General Practitioners of the  
London Academy of Medicine

The University Physician has been appointed secretary of the section  
on Geriatrics of the Ontario Medical Association.

Review of the Work Presented - Physician's Impressions

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

	<u>1953-54</u>	<u>1954-55</u>	<u>1955-56</u>
Consultations	2,487	3,065	3,633
Insurance Claims	315	376	367

A similar increase of work has been reported by all universities  
where a Health Service with satisfactory personnel has been established.  
Some reasons for this increase may be:

1. An increase in the use of the Health Service facilities by  
staff and employees of the University and, to a lesser extent,  
by the students of affiliated colleges.
2. A large proportion of married students appear to have little  
idea of the responsibilities they are incurring, particularly in  
regard to illness in the family. More of these are requesting  
advice concerning their families.
3. A large amount of time was spent on frank psychiatric cases  
and on those with borderline mental illness. More of these cases  
are appearing at the Health Service.
4. More students developed hysterical symptoms during the  
examination period. It was felt that this may have been due  
to a growing belief that any sort of medical certificate  
would exempt a student from writing.

DEPARTMENT OF THE DEAN OF WOMEN

Report of the Dean - Leola E. Neal

Registration

There were 472 full-time undergraduate women in University College in 1955-1956, an increase of 45 over the previous year. An additional 30 women students registered in Music Teachers' College took their academic courses at University College. There were 19 women registered for graduate work in University College, an increase of five.

Academic Record

The women students, on the average, did very satisfactory academic work. This year two of the important General Motors' Scholarships were won by women. A survey of the academic achievement of first year students indicated, as one might expect, that the failure rate is higher for first year than for upper class students. Residence hall study programmes might help to reduce the number of failures and improve grades generally.

Student Activities

Each year the women take an active part in extra-curricular activities. They plan and arrange social affairs, serve on the executives of clubs and governing bodies, take part in "Purple Patches", plays, and operas, write for the Gazette, and engage in athletics. For the second consecutive year a woman is representing Western at the W.U.S.C. Seminar in Germany.

The work of the Council of the Undergraduate Women's Organization must be mentioned each year. These women students do a great deal during the first few weeks of each college year to help new students adjust to university life. They act as "big sisters" to first year students. Their friendliness and co-operation often help dispel the blues and make students feel at home at Western. They sponsored the Freshette Luncheon, the Splash Party held at the William Melville Spencer Memorial Pool, and the Women's Meeting which are important traditions in the Frosh welcoming programme. The Council arranged the Co-Ed Prom in December and it continues to be a pleasant and successful event. Scarves and Christmas Cards were sold to raise funds. These funds help to defray the cost of the \$100.00 bursary awarded each year to a woman student in University College.

Spencer Hall

The new west wing at Spencer Hall was completed and ready for occupancy at the beginning of the 1955-56 fall term. The residence now provides accommodation for 104 students, the warden, and two dons. The



"West Wing" is very attractive and is a great asset to the building. There were 165 applications for the 104 places. Of the students in residence, 84 were freshettes and 20 were upper class students. During the Summer School session 37 men were in residence. Each year requests for reservations at Spencer Hall come in earlier and in larger numbers. With increases in enrolment expected each year this situation is likely to continue and indeed be aggravated. Most first year women students want to live in residence and they should, in my opinion, have the opportunity to do so. If residence space is still limited and if the number of applications continues to increase, it may be necessary to review the selection procedures.

### Housing

Women students from out-of-town who do not live at Spencer Hall live in sorority houses or private homes throughout the City. The three Greek-letter organizations provide very satisfactory, supervised accommodation for 56 girls (approximately one-half of the members of the three sororities). 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 692 students, of whom 170 were women. Mrs. Blossom Browett was in charge of the Housing Bureau, and the University Housing Committee is grateful to her for the courteous and efficient manner in which she assisted students.

### Sororities

Increased enrolment will pose many problems for the sororities. This year the Panhellenic Council held extra meetings to discuss these problems. The Council concluded after careful study that only three sororities could be maintained adequately at present on our campus. The three groups decided that the chapters could be increased slightly in size in order to take care of a small increase. These discussions will be continued in 1956-57.

### Counselling

In my opinion, the most important function of this Department still continues to be counselling. The counselling, chiefly individual and voluntary, may best be described as personal and academic. Personal counselling is concerned not only with emotional problems but with those problems which are associated with study, housing, employment, and finance. Most of the students have problems of a temporary and situational nature but approximately 1% need and receive psychiatric treatment. Another 2%, at least, need prolonged psychological treatment. The counselling is more effective because of the gracious co-operation of the members of the Faculty and Administration.

### Acknowledgments

This year another bursary was made available for a woman student by

Mrs. A. E. Miller and Miss Helen Miller. The bursary for \$100.00 is in memory of Miss Olga A. Miller, 1928 graduate in English and History and Assistant Registrar (1933-1951) at the University of Western Ontario. The late Miss Miller was Sub-Prefect at Western and helped to found the Undergraduate Women's Organization and the local sorority which later became Pi Beta Phi. She also was an outstanding athlete and coached tennis and badminton teams. The establishment of a bursary in her memory is particularly fitting. It reminds us of her interest in the University and its welfare and her years of service on its behalf.

It is a pleasure to acknowledge again the bursary awarded annually to a woman student in her final year by the London University Women's Club. It also has a value of \$100.00. The interest and support of the London University Women's Club is much appreciated.

This year Dr. Dorothy Turville retires after thirty-one years of service at the University. During thirteen of these years she was the head of this Department. Since her retirement as Dean of Women in 1946 she has continued to be interested in women's activities. Since 1951 when Spencer Hall was opened Dr. Turville has given valuable service as Secretary of the Advisory Committee on Spencer Hall. I wish to express my sincere gratitude for her interest in students and for her devotion to the University.

#### Committees

Committee work is time-consuming. The Dean of Women serves on the following committees: The Joint Committee on Freshmen Orientation, The University of Western Ontario London Alumnae Student Loan Fund Committee, Scholarship Committee, Committee on Property and Student Affairs, Undergraduate Women's Organization, Panhellenic Council, University Housing Committee, Advisory Committee on Spencer Hall, Academic Standing Committee, Convocation Committee, Honor Society Committee, Committee which awards University Women's Club Bursary.

#### DEPARTMENT OF THE DEAN OF MEN

Report of the Dean - T. L. Hoskin

The Dean of Men wishes to take this opportunity of thanking most sincerely the members of the Faculty and Administration for their interest and assistance in the activities of this department. Without their help it would not have been possible to carry out many of the activities referred to in this report.

### Registration of Men Students

In the 1955-56 academic year, 2140 full-time graduate and undergraduate students were registered in the Faculties and Schools of the "Constituent University". Of these, 1492 were men, an increase of 32 over 1954-55.

### Student Financial Assistance

The Ontario Department of Education gave recognition to the increase of tuition fees, cost of living and other student costs by changing the maximum awards for Dominion-Provincial Type A and Type B bursaries from \$400 to \$500 to "non-resident" students, and from \$200 to \$250 for "resident" students. Freshmen students are now permitted to hold up to \$900 (non-residents) and \$650 (residents) without affecting the Type "A" awards from the Dominion-Provincial Bursary Fund. Last year several freshmen held both the \$500 from the Type "A" Dominion-Provincial Bursary Fund and \$400 from the Atkinson Charitable Foundation Grade XIII Bursary Fund. These naturally were cases where great need was evident.

The Department of Veterans Affairs provided under the Education Assistance Act \$25.00 a month and full tuition fees, for 19 sons and daughters of deceased veterans. This is an increase of 3 over the previous year. There were also 3 Canadian veterans subsidized under the Veterans' Rehabilitation Act and 5 American veterans receiving assistance under the G.I. Bill of the United States.

The Department of National Defence provided assistance for the training of 23 students under the Regular Officer Training Programme and 7 others under the Regular Force Subsidization Plan.

During the year several new scholarships and bursaries were established and additional capital put in some of the loan funds. Any Ontario student who can maintain an average of at least 66% in his academic work should have no trouble financing his education at this University.

### Counselling

The function of this department is such that it must stress the importance of the student as an individual. The unsuccessful student must be given as much priority as the successful student. When a student wants an interview, he should get one as soon as possible because it is difficult to assess the importance or urgency of students' problems until the interview takes place. This principle is something which this office has always tried to maintain. The steady growth of the University over the past ten years has brought a very considerable increase in the counselling activities in the Department of the Dean of Men.

## Placement

Placement activities include part-time, summer, and graduate employment for both men and women in all of the Faculties and Schools of the Constituent University except the School of Business Administration. Mr. Neil Armstrong performs the duties of Placement Officer at the School of Business Administration.

The Department of the Dean of Men starts in September with part-time employment for students. Some of the part-time jobs are in the University and some are off the campus. Students are not referred to positions requiring more than a maximum of 15 hours per week during the academic year.

Last October companies began to write about arrangements for their representatives to come to the campus to interview members of the graduating class. The pace of the graduate employment programme increased until January 16th when the first employment interviews began. Most of the company interviews were over by February 15th. This was a very busy and difficult period for this office because so many companies have to see our graduates in such a short time. It is felt, however, that the recruiting period should be kept as short as possible to cause as little interference as possible in the academic routine of the students. Actually interviews are usually not more than 20 minutes long and a student seldom has more than one interview in a day. In addition, every effort is made to schedule interviews when a student is not in class.

This university is the only one in Eastern Canada that confines its campus recruiting to the second term. While it is felt that this policy is sound and should be adhered to as long as possible, it does present some very real problems for some of the companies in Western Canada who cannot possibly adjust the itinerary of their representatives to accommodate one university.

## Fraternities

Chi Delta Sigma fraternity was officially recognized by the University and the Interfraternity Council on November 17th, 1955. It has been granted permission to organize and to exist as a "local" Greek fraternity for a period of two years, after which it may apply for permanent status as a "local" chapter with the privilege of seeking international affiliation.

Each of Western's chapters again showed a record of academic achievement above the "all men's average" in the University. The combined academic achievement of our fraternity men is now among the finest recorded anywhere in North America.

## Other Activities

This department continues to carry out its campus liaison function

for the British Colonial Services and the Civil Service Commission of Canada. The Dean of Men was a member of the Selection Committees of the British Colonial Service, the University Naval Training Division, and the Civil Service Commission of Canada.

Committee activities inside the University included the Advisory Committee to the Board of Governors, the Student Loans and Bursaries Committee, the Interfraternity Council, the University Housing Committee, the Medical Admissions Committee, the Academic Standing Committee, and the Joint Committee on Freshman Orientation.

Outside the University the Dean of Men was a member of the City of London Tuition Scholarships Committee, the Joint Committee of the London Board of Education and the London Chamber of Commerce on Teaching Scholarships, and was Vice-President of the Canadian University Counselling and Placement Association.

#### PRESIDENT'S MEDALS

Report of F. Stiling

I have pleasure in submitting the report on the President's Medals awarded in 1956.

The Board of Governors may be gratified to learn that the Association of Canadian Magazine Editors supplemented two of these awards with cash prizes. After conferring with the President and the Principal of University College, this Association announced that it would give a prize of \$250.00 to the winners of the medals for each of the Short Story and the General Article, two types of writing in which the editors are professionally interested. The establishment of similar cash prizes to accompany the medals for the best Scholarly Article and the best Single Poem would complete the pattern and provide additional stimulus to Canadian writing.

The number of submissions for 1955 was 174, distributed as follows:

Short Stories	25
General Articles	103
Scholarly Articles	27
Single Poems	19

#### Judges

The judges, to whom the University is indebted for careful and discriminating work, are as follows:

- Short Story
- Dr. T. B. Costain, 1 Fifth Avenue, New York 3, N. Y.
  - Mr. S. Morgan-Powell, formerly Literary Editor, The Montreal Daily Star, Montreal.
  - Mr. James Scott, Department of English, University of Western Ontario, London.
- General Article
- Dr. W. R. Bird, Chairman of the Historic Sites Advisory Council of Nova Scotia, Halifax, Nova Scotia.
  - Mr. J. H. Yocom, formerly of the staff of Saturday Night, Toronto.
  - Professor Isabel Dingman, Department of Journalism, University of Western Ontario, London.
- Scholarly Article
- Professor Fred Cogswell, University of New Brunswick, Fredericton, N.B.
  - Dr. J. F. Leddy, Dean of Arts and Science, University of Saskatchewan, Saskatoon.
  - Professor W. Balderston, Department of History, University of Western Ontario, London.
- Single Poem
- Mr. Alan Crawley, Poet and Editor, Penticton, B. C.
  - Professor A. J. M. Smith, Michigan State College, East Lansing, Michigan.
  - Professor C. F. Klinck, Department of English, University of Western Ontario, London.

### The Winners

The winners received their medals from Principal Stiling at a luncheon given at Acadia University, Wolfville, Nova Scotia on June 27. They were:

for the short story, Eva-Lis Wuorio ("Call Off Your Cats", Chatelaine);

for the general article, Ralph Allen ("The Land of Eternal Change", Maclean's);

for the scholarly article, D. M. Stanley ("Kingdom to Church", Theological Studies); and

for the single poem, Louis Dudek ("Keewaydin Poems", Canadian Forum).

### The Announcement

The names of the winners were broadcast on Friday night, June 15 and they appeared in the newspapers of Saturday, June 16.

## UNIVERSITY ATHLETIC ASSOCIATION

### Report of the President - J. W. Burns

This report is compiled from information provided by Mr. J. Metras, Director of Intercollegiate Athletics, Mr. M. Yuhasz, Director of Intramural Athletics and Mrs. E. Kukainis-Berzins, Director of Women's Athletics.

### GENERAL

The year 1955-56 can be regarded as a successful one for the Athletic Association although our share of intercollegiate championships, for which men competed, has not increased. The record of the women's university teams was again outstanding, as intercollegiate championships in Basketball, Volleyball and Swimming were again won by Western women.

Western continued its activity in the re-organization of the Canadian Intercollegiate Athletic Union (Central) under the capable leadership of Dr. Duncan McLarty.

### MEN'S ACTIVITIES - INTERCOLLEGIATE

The Athletic Association of the University of Western Ontario entered 18 men's teams in intercollegiate competition, 11 in Senior and 7 in Intermediate. The season of 1955-56 was characterized by winning the Senior Basketball Championship, the Senior Wrestling Championship and the Senior Golf Championship. Our record in Intermediate competition was disappointing but we hope for a more successful record in 1956-57.

### Standing in Intercollegiate Athletics over the Past Four Years

	<u>1952-53</u>	<u>1953-54</u>	<u>1954-55</u>	<u>1955-56</u>
Sr. Football	Championship	Championship	2nd	4th
Int. Football	3rd	2nd	winner*	3rd
Sr. Soccer	Co-championship	3rd	4th	4th
Int. Soccer	4th	3rd	4th	5th
Sr. Basketball	Championship	Championship	Championship	Championship

Standing in Intercollegiate Athletics (continued)

	<u>1952-53</u>	<u>1953-54</u>	<u>1954-55</u>	<u>1955-56</u>
Int. Basketball	Championship	2nd	winner*	tie for 2nd
Sr. Wrestling	Championship	Co-Championship	3rd	Championship
Int. Wrestling	Championship	Championship	2nd	3rd
Sr. Swimming	3rd	2nd	3rd	2nd
Int. Swimming	No entry	Championship	2nd	2nd
Sr. Badminton	2nd	4th	3rd	3rd
Int. Badminton	No entry	2nd	No entry	No entry
Sr. Golf	No entry	Championship	4th	Championship
Int. Golf	Championship	3rd	Championship	2nd
Sr. Tennis				3rd
Int. Tennis	2nd	Championship	2nd	4th
Sr. Harrier			Championship	2nd
Int. Harrier	Championship	Championship	4th	No entry
Sr. Track	Championship	3rd	4th	3rd
Int. Track	No entry	4th	No entry	No entry
Sr. Squash	3rd	2nd	3rd	tied for 2nd

\*No league due to re-organization of the Intercollegiate Union (Central)

WOMEN'S ACTIVITIES

The women's division of the Athletic Association had a very successful year. Under the direction of Mrs. E. Kukainis-Berzins, Miss E. Allen and Mrs. K. Easun, four levels of athletic competition were organized, namely: Intermural, Interwestern, Westomac and Intercollegiate. In all levels our girls achieved a most satisfactory record and the above staff should be very highly commended on the excellent showing of our representatives.

Intercollegiate

Basketball	Senior 1st	Western, Toronto, Queen's, McGill competed.
Volleyball	Senior 1st	O.A.C. and McMaster in addition to the above.
Swimming	Senior 1st	Western, Toronto, Queen's, McGill.
Archery	Senior 6th	Same teams as in volleyball.
Tennis	Senior 4th	Western, Toronto, Queen's, McGill, McMaster.
Badminton	Senior 4th	Same teams as in volleyball.

Westomac

(Western, O.A.C., McMaster)

Basketball	Senior 1st	-	Basketball	Intermediate 1st
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Westomac Field Day

Western 1st - Tennis, Archery, Softball, Volleyball, "Marathon".

Interwestern League

(Alma, Waterloo and Western Intermediate team)

Western 1st - Basketball, Volleyball, Badminton.

INTERFACULTY SPORTS

Interfaculty sports are administered by the Director of Interfaculty Sports. Michael Yuhasz took over as Director following the resignation of Mr. Ken Gowie. Interfaculty competition was held in 16 sports, including the addition of curling, and floor hockey for Interfaculty Sports awards this past year.

Christ the King College (Kings) entered Interfaculty Sports competition this year, increasing the competitive units to six. The other competitive units are: University College (Arts), University College (Science), Huron College (Huron), Faculty of Medicine (Meds), School of Business Administration (Business).

ALUMNI ASSOCIATION

Report of the Director - G. O. Hartwell

The Alumni Office staff consists of a full-time director, and two full-time secretaries. In addition, a good deal of part time help is needed during rush periods and in handling the filing system and registration of new graduates.

With the increasing number of Alumni in the past 10 years, the changes of address necessary to be traced by various means, and various Alumni mailings is now a major operation.

A necessary project for the year 1956-57 is to change the records of the School of Business Administration into separate files. This has not been done heretofore as up to 1949 Business graduates were classified as a department of the Faculty of Arts and Science. An aggressive and expanding School of Business Administration requiring separate mailings and Homecoming Reunions for their classes demands a sorting out of present files and a setting up of new files in alphabetical and chronological order.

The new addressograph machine typed well over 200,000 names for 1955-56. The number of pieces of mail has stepped up to approximately 175,000 a year. Each year increases the alumni office use of names and addresses by 15,000--20,000 at the present rate of student graduation.

The Alumni Office keeps complete sets of accounts under the following items:-

1. Records of donations to the University.
2. Alumni Services budget.
3. General Alumni Account.
4. Life Membership Fund Account.

The Alumni Association, through its Fund Campaign Committee, sends out four appeals during each calendar year to the Alumni seeking annual support for the University. Once an Alumnus makes a donation, he does not receive any further fund mailing for that year and is given a membership as an "Alumnus in good standing". Careful records must be kept each year and from year to year.

With the approval of the Board of Governors, the Association allocates surplus funds toward needed projects within the University. In 1954-55 the Association assigned \$4,900.00 to such projects. During 1955-56, the Association was able to assign \$10,000.00 to furnishings of the dining hall in Somerville House and an additional \$300.00 to the Medical School.

The General Alumni Account represents all financial transactions for funds not received from donations. Sales of rugby tickets each fall account for over \$5,000.00 passed in and out. Homecoming receipts and expenditures, sales of Thames Hall Alumni memberships, temporary financing of branch and individual requests for service, the sale of books, crests and other items keep this account busy. It is audited each year. Any surplus funds in this account are used for student benefits. During 1955-56, the Alumni Finance Committee recommended to the Executive Council the expenditure of \$1,000.00 for Mustang Band Uniforms and \$800.00 to install a modern electric timing and scoring device in the Col. G. Eric Reid Memorial Gymnasium. Both expenditures were approved at the annual meeting of the General Alumni Assembly.

Use of the Alumni Film "This is Western" was extensive during 1955-56 by High Schools, Alumni Clubs and other requests. This film was shown 66 times to approximately 8,000 people. High School principals reported keen interest from their senior students. Dr. Hall showed the film across Western Canada and in Kingston. As far as could be determined, the film is proving to be a valuable aid in establishing good public relations toward the University.

The Homecoming Weekend, held on the occasion of the second home intercollegiate football game, continues to be a major attraction of the school year and an alumni highlight. The largest crowd of the year turned out for the pre-game student float parade and the football game with Queens University. Thousands of Alumni are attracted from far and near to share in

the Class Reunions and Alumni-Western weekend.

During 1955-56 Alumni Clubs were formed or revived in Vancouver, Calgary, Edmonton, Winnipeg and Kingston, and negotiations have been started for organizations in Hamilton, Sarnia and a group of recent graduates in Toronto.

Much of the credit for the Western Canada organizations must go to Dr. Hall who took the time to visit the Alumni in the cities of the West during the early spring. Dr. Hall visited with Alumni groups in Vancouver, Edmonton, Calgary, Regina, Winnipeg and Kingston; Miss Helen Allison met the Ottawa group; Dr. Stiling met the Victoria Alumni and the Alumni Director attended meetings at Kitchener, London, Montreal, St. Thomas, Toronto and Windsor. Other groups plan to meet in the fall. Three Alumni Clubs donated a total of \$260.00 to the Students Welfare Fund from their private treasuries.

The Alumni Gazette continues to be the voice of University progress and Graduates' news to the Alumni. Circulation increased to 10,200 per issue for a total of 102,000 mailings. To keep the news flowing accounts for 30% of our time and about one-third of our budget.

For the first time, the Alumni Association conducted a general election by vote for an Alumnus to serve on the Board of Governors for a four year term. The successful candidate was Mr. Harold Newell, president of the Andrews Wire Company in Watford, who has maintained continuous interest in the University since graduation. The election was held with the co-operation of all branch Alumni organizations and followed the electoral system of voting, wherein each Alumni Club conducted their own vote. There were 28 electoral districts giving 114 electoral votes. 10,780 ballots were mailed. 2,846 ballots were returned to the various Alumni Clubs for an overall percentage of 26.4% voting.

Alumni affairs are conducted by an Alumni Executive Council, consisting of six honorary officers, five officers, seven members from the Faculty of Arts and Science, two from the School of Business Administration, three from the Faculty of Medicine, one from the School of Nursing, and two appointed members from the Board of Governors. The Executive Council is responsible to the General Alumni Association which meets once a year regularly and includes voting members from all the Alumni branch organizations, the ten Alumni Senate members and the two Alumni members of the Board of Governors.

There are 8 Standing Committees which conduct Alumni business and report to the Executive Council. President and ex-officio member of all committees for the year 1955-56 was Miss Jessie MacFarlane, first woman to hold such office in Alumni history. Committees and their chairmen were: Alumni Clubs, Mr. Pat Humphrys; Citations, Miss Pauline Struckett; Constitution and Special Election Committee, Mr. Mert Zurbrigg to December 31, 1955 and Mr. John Cram to June 30, 1956; Finance, Mr. Wm. Coutts to February, 1956 and Mr. George Bowie to June 30, 1956; Fund Campaign, Mr. John Cram to December 31, 1955 and Mr. Jim Chick to December 31, 1956; Homecoming, Dr. Earl Metcalfe; Nominations, Mr. Herb Ballantyne; Publications, Mrs. Harry Barker.

The Alumni Director acts as secretary to all meetings and carries out the policies determined by the Executive Council and its committees.

WESTERN ONTARIO SECONDARY SCHOOLS' ASSOCIATION

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

In the report of the secretary for the year 1953-54, mention was made of two major tasks facing the Association: revision of the Constitution and re-classification of schools to equalize competition. The former was completed in August, 1955, with printed copies being placed in the hands of all schools at that time. The experimental grouping of London, Windsor and I.R.L. Schools in an "AA" classification for football and basketball has succeeded in removing the unequal competition with former "B" schools whose enrolment had forced them into the "A" classification. The same measure served to create fairer competition in both "A" and "B" classes by encouraging the larger "B" schools to waive their year of grace and accept "A" status immediately. The Annual Meeting in April authorized continuation of the "AA" class, reserved it for boys only, and excluded track and field from the list of activities so affected.

Member schools this year totalled 86, (18-"AA", 18-"A", 50-"B") an increase of 7 over last year. The following figures indicate the extent of participation in all W.O.S.S.A. activities this year.

<u>TEAMS</u>		<u>INDIVIDUAL ACTIVITIES (Competitors)</u>	
Football	59	Track & Field	- 1343
Basketball	- 175	Cross Country	- 65
Volleyball	- 86	Public Speaking	- 81
Hockey	- 29	Badminton	- 79
Soccer	- 17	Tennis	- 52
Curling	- 16	Swimming	- 85
Bands	- 2	Cheer Leaders	- 160

To organize district playoffs, stage final competitions, handle the correspondence accompanying all the above entries in addition to necessary visits to schools created an extremely heavy load for the W.O.S.S.A. Office. With the anticipated increase in high school population in the next few years, continued efficient operation of W.O.S.S.A. will require either a full-time secretary or a reduction in the area being served. The latter alternative is currently being studied by some schools in the Northern districts, their purpose being to reduce distances involved in inter-school competition.

On the University Campus this year, more W.O.S.S.A. activities were staged than ever before. The following figures graphically point out

the services performed by the University to the secondary schools in Western Ontario.

W.O.S.S.A. ON-CAMPUS ACTIVITIES

<u>Date</u>	<u>Activity</u>	<u>No. of Parti- cipants</u>	<u>Where Held</u>	<u>Time Required</u>
Oct. 1	"A" & "B" Tennis	52	London Courts	8 hrs.
Oct. 15	"B" Track Meet	873	Stadium	6 (rained out)
Oct. 29	"A" Soccer	50	Sommerville Field	5
Nov. 12	Jr. Football	60	Stadium	2½
Nov. 12	"A" Volleyball (Girls)	80	Gymnasium	5
Nov. 19	"A" & "B" Sr. Football	180	Stadium	6
Nov. 19	"B" Volleyball (Girls)	80	Gymnasium	5
Nov. 25	Executive Council Meeting	6	Lounge, Thas. Hall	4
Nov. 26	"A" Volleyball (Boys)	80	Gymnasium	5
Dec. 3	"B" Volleyball (Boys)	80	Gymnasium	5
Dec. 3	Coaches' Meeting	35	Classroom	4
Dec. 10	Board of Directors' Meeting	20	Tower Room	4
Feb. 10	Executive Council Meeting	6		
Mar. 9-10	"A" Basketball Tourney	288	Gymnasium	18
Mar. 16-17	Ontario Basketball Tourney	80	Gymnasium	14
Mar. 17	"A" & "B" Swimming Meet	90	Spencer Pool	5
Mar. 24	"B" Basketball Tourney	288	Gymnasium	13
April 14	"A" & "B" Badminton Tourney	78	Gymnasium	7
April 28	Annual Meeting	45	Tower Room	6
May 19	"A" Track Meet	470	Stadium	9

In addition to the above, the London schools were accommodated as follows:

Mar. 2	London Basketball Finals	48	Gymnasium	3
May 8-9	London Track Meet	180	Stadium	5

The financial position of the Association was the subject of considerable study at the Annual Meeting. Increased expenses in conducting the busy schedule noted above resulted in an operating deficit this year of \$762.58. In addition, W.O.S.S.A. has agreed to pay an annual membership fee of \$450 to the Ontario Federation of Secondary School Associations starting in September, 1956. To meet these obligations, the meeting doubled the membership fee of all schools to a 2¢ per pupil rate, and increased basketball team fees to \$2.00 per team. The previous O.F.S.A.A. membership fee was \$10.15. Just how the Ontario body is to justify such an increase, and what effect it will have on W.O.S.S.A. operations (and indirectly, the University's financial interest in W.O.S.S.A.) are serious questions which at the moment are unanswerable.

The Annual Meeting elected Mr. J. C. Herbert, Principal of

Ingersoll D.C.I., as President, with Mr. W. T. Armstrong, Principal of London Sir Adam Beck C.I. and Mr. G. V. Thornicroft, Principal of Kincardine H.S. as first and second Vice-Presidents, respectively. Mr. John A. Faulkner of the University Faculty was appointed assistant Secretary of the Association. The retirement of Miss J. Shute as office secretary was regretfully noted.

#### JOINT McINTOSH COMMITTEE

##### Report of the Secretary - R. A. Allen

In the year 1955-56 the Joint McIntosh Committee again made available the annual McIntosh prizes in Business Administration, Geography and Public Speaking and made grants to assist the University Choir and the Gilbert and Sullivan Society. Additions to the value of \$200. were made to the collection of long-playing records in the Gallery and a cabinet was provided for their storage.

The sixth annual loan exhibition of old masters was held in the McIntosh Gallery from March 24th through April 24th. This exhibition was devoted to Italian masters of the 14th - 18th century and included twenty paintings by Titian, Giordano, Tintoretto, Tiepolo, Guardi, Canaletto, Magnasco, Bassano, Moroni, Catena and others.

Dr. William Suida, Curator of Research for the Kress Foundation of New York, was the guest lecturer on March 24th. In the afternoon Dr. Suida delivered an illustrated public lecture in Thames Hall on the art of Giorgione and in the evening officially opened the exhibition with a talk on the paintings in the Gallery.

During the year the Committee purchased one new painting for the Gallery, a fine portrait by the Dutch painter Theodore Netscher (1661-1732). The subject of the painting would appear to be Henrietta Maria, wife of Charles I of England.

#### THE DEPARTMENT OF BUILDINGS AND GROUNDS

##### Report of the Superintendent - John Shortreed

During the year the Superintendent's staff averaged 86. The average distribution was: technical 2, clerical 4, operating 19, maintenance 16, and caretaking 45.

### Maintenance of Physical Plant

A ten-car parking lot for Medical School staff was created adjoining the new Gross Anatomy Building.

On the south-east side of the Stadium, the wooden bleachers which were built in 1936 were found to have seriously deteriorated. One-half the planking was replaced during the year ending 30 June, 1956 and the remainder in July 1956.

The repointing of the stonework on the Natural Sciences Building was continued during the year. By 30 June, 1956 approximately 60% of the total project, which has extended over a number of years, had been completed.

The general programme of installing fluorescent fixtures and acoustical correction throughout the University's buildings was continued.

### Alterations and Additions

The Dance Studio in Thames Hall was converted for the purposes of an Engineering Science classroom.

The authorized enlargement of Spencer Hall from 72 to 104 student beds by conversion and additions to the swimming pool area was completed for first-term occupancy. The quality of the new accommodations and furnishings is in all ways equal to the high standard of the residence; indeed the new rooms are preferred by students because they are mostly two to a room.

Four old buildings on Hill Street were demolished and the area converted to grass, thus considerably improving the appearance of the University's property.

The construction of the Gross Anatomy Building and the alterations to the second floor at the Medical School were completed before the opening of School and within the approved authorizations. The project may be considered under 2 headings:

(a) The Gross Anatomy Department was moved out of the Medical School Building proper, into a new concrete-block building between the Medical School and Hill Street. The main student laboratory of the new structure is designed for 60 students, in addition to which there is a morgue, preparation rooms, museum, graduates' laboratory, graduate students' room, technicians' room, x-ray section and departmental offices.

(b) The alteration of the Second Floor of the Faculty of Medicine involved the departments of Physiology, Pharmacology and Biochemistry. The student laboratories of these three departments were consolidated into one large laboratory which is now used by all under a scheduling system. Space thus

made available plus that vacated by the Gross Anatomy Department added materially to the research and other areas of the departments concerned.

The old vault in University College was removed and a cloakroom and passage to the large classrooms adjoining were provided on each of the main and the ground floors.

Somerville House was about 60% completed at the end of June, 1956. Due to a plumbers' strike in July, occupancy before Christmas, 1956, however, is most doubtful.

In March, 1956, planning was started for a new building for the Biological and Geological Sciences which would give more room to those departments and also provide space for Physics and Chemistry in the areas freed. Consideration was also given to the needs of Engineering Science. Preliminary space surveys and estimates were completed for the Biological and Geological Sciences Building and the project passed to the Architect May 28, 1956. The proposed building is an L-shaped structure lying north and east of the Natural Science Building. The architectural volume is more than 920,000 cubic feet. Attached to it by a rebuilt Waugh Botanical Research Building will be new greenhouses of more than double the present capacity.

Discussions continued with the Engineering Science Department but definite planning was delayed pending agreement on location. The Engineering Science Building and the Biological and Geological Sciences Building form important parts of the University's programme of the next few years, involving a number of capital projects urgently necessary if the University is to be able to meet the increased registration it will have to face.

#### UNIVERSITY NAVAL TRAINING DIVISION

Report of the Commanding Officer - Lt. Cmdr. C. H. Aharan C.D. RCN (R)

The winter training season commenced on the 5th of October, 1955 and continued up to and including the 28th of March, 1956.

For the first time in many years all cadets taking summer training returned having successfully completed summer training requirements. There were no failures, although five cadets were required to write supplementals in "Rules of the Road". This achievement speaks well for the calibre of cadets in this division and reflects positively on our selection and training policies.



### Recruiting

The number of applicants as in the past two years was disappointing. Only thirty-nine students applied for U.N.T.D.; of this number twenty-five were selected as probationary cadets; three of these later withdrew their applications. Of the twenty-two remaining twenty appeared before the regional selection board and eighteen were finally selected for promotion to the rank of cadet.

One R.O.T.P. cadet enrolled in the first year was later recommended for release. One medical student was enrolled under the terms of Naval General Order 6.01/4. One female student was selected for a course in the RCN in the Intelligence Branch.

### Visitors

During the course of the academic year this division was pleased to welcome the following official visitors:

Rear Admiral K. F. Adam CD RCN, Flag Officer Naval Divisions.  
Captain F. B. Caldwell RCN.  
Commander (W) I. MacNeill RCN, Senior WRCN Officer.  
LCDR J. R. H. Ley CD RCN, Staff Officer U.N.T.D. for Flag  
Officers Naval Divisions.

### Special Events

The cadets sponsored a successful Tea-Dance on 22 of October, 1955, for the Alumni Homecoming Weekend of the University of Western Ontario.

On 11 November, 1955 the U.N.T.D. took charge of and participated in the Armistice Day Parade at this University.

On 13 November, 1955 the cadets joined the Ship's Company of H.M.C.S. "PREVOST" in a Tri-service Church Parade.

On 24 February, 1956 the U.N.T.D. and C.O.T.C. joined forces in an Army-Navy Ball.

On 25 March, 1956 cadets again joined the Ship's Company of H.M.C.S. "PREVOST" in a Tri-service Church Parade.

The season was terminated by a Mess Dinner on 6 April, 1956 and Closing Exercises on 8 April, 1956.

UNIVERSITY OF WESTERN ONTARIO CONTINGENT

CANADIAN OFFICERS' TRAINING CORPS

Report of the Commanding Officer - Lt. Col. R. N. Shervill, CD

This report covers the training year 1 September 1955 to 31 August 1956.

The aim of the COTC is to qualify selected university students for commissions in the Canadian Army. The University Contingents of the COTC form one of the most important sources of the officers needed by the Army, both Regular and Militia.

Total contingent strength at 31 March 1956 was as follows:

	<u>University College</u>	<u>Waterloo College</u>	<u>Assumption University</u>	<u>Total</u>
Contingent Officers	4	1	1	6
COTC	45	25	10	80
ROTP	8	0	0	8
TOTAL	57	26	11	94

Each detachment trained on a one night per week basis, as follows:

Waterloo College Detachment - Tuesday  
University College Contingent - Wednesday  
Assumption University Detachment - Thursday

The above allotment of alternate days at outlying detachments facilitated travel problems on the part of the Resident Staff Officer and also proved more satisfactory from a local administration point of view.

Parades were held during the period 4 October 1955 to 31 March 1956. Instructional staff comprised the contingent officers, officers from Headquarters, Western Ontario Area, and university faculty members. In this way the contingent believes that its policy of having the officer cadets receive lectures from experts on each particular phase of training results in greater interest and knowledge on the part of the cadets. In this respect the contingent would like to express its appreciation to the faculty members who served as guest lecturers during the training year.

Review of Recruiting

Interest in the COTC programme among the Freshmen appeared to be quite high. Inquiries and applications by the students maintained the

the relatively high average set in the years 1953-54 and 1954-55. Statistics on recruiting for the year 1955-56 are given below.

Number of 1st Year Officer Cadets Accepted

University College . . . . .	18
Waterloo College . . . . .	11
Assumption University . . . . .	<u>2</u>
TOTAL . . . . .	<u>31</u>

Promotion to Commissioned Rank

A total of 18 Officer Cadets successfully completed their 2nd Phase Practical training in the summer of 1955 and were promoted to Second Lieutenants in their respective Corps on 1 October 1955.

Although Third Phase training is optional, the contingent was indeed pleased to note that the entire Second Phase group elected to undertake Third Phase training, which would qualify them as First Lieutenants upon receipt of their degree.

During the academic year, in addition to the regular weekly parades, the following special parades were held.

- 11 November 1955 - Remembrance Day Parade
- December 1955 - Presentation of Commissions by Commanding Officer to 2/Lts who qualified in the summer of 1955.
- 3-4 February 1956 - Sandtable Tactics Exercise
- 4 February 1956 - Mess Dinner
- 18 February 1956 - Waterloo College Detachment COTC Annual Ball
- 24 February 1956 - Army-Navy Ball, London
- 9 March 1956 - Assumption University Detachment COTC were guests at Essex Kent Regiment Mess Dinner and appointed honorary members of the mess.
- 7 April 1956 - Assumption University Detachment COTC were guests at Tri-Service Ball, HMCS HUNTER, Windsor, Ont.
- 27 July 1956 - The Commanding Officer visited The Royal Canadian School of Infantry,

Camp Borden, with representatives of the UWO Contingent COTC Trust Fund for the presentation of the McManus Memorial Trophy to the outstanding 2nd Year Infantry Cadet in Canada.

### Practical Phase Training

Seventy-seven Officer Cadets and Second Lieutenants were despatched to Canadian Army (Regular) Corps Schools and units for summer training. First and Second Phase training was carried out at Corps Schools with the exception of Chaplain (Protestant) and Pay Corps Second Phase Officer Cadets, who were given the opportunity to be employed on "in-job" training for part of the summer with Regular Force units.

Third Phase Second Lieutenants were employed as junior officers in their respective corps with units throughout Canada.

Once again the contingent has the honour to report that from the seventy-five Second Lieutenants chosen throughout Canada for attachment to 2 Canadian Infantry Brigade in Europe, four members of this contingent were so appointed. They were:

2/Lt R S Bye	-	RCASC
2/Lt S F Dyer	-	RCASC
2/Lt D A Johnstone	-	RCIC
2/Lt F I Wood	-	RCIC

As these appointments are awarded on the basis of an "above-average" Army record together with a continuing high academic standard, on a cross-Canada competitive basis, this unit feels justly proud of its representation.

Official training reports and statistics will not be available until the end of September and thus cannot be included in this report.

### Regular Officer Training Plan

During the period under review a total of eight Officer Cadets ROTP were training with the UWO Contingent COTC. The academic standard which the Army demands of its ROTP Officer Cadets was maintained by this group and they were despatched for summer training together with the COTC Officer Cadets.

### General

During the past training year permission was granted by Army Headquarters for First Phase COTC Officer Cadets to be supplied with

uniforms at their university contingents. It is hoped that the policy will be implemented in the forthcoming training year.

This unit looks forward eagerly to the time when the University will be in a position to offer suitable accommodation for a Tri-Service Lounge and Library in Thames Hall. Such a lounge would, without a doubt, add to the stature of the services as an integral part of campus life.

In conclusion the Commanding Officer would like to express his appreciation to the University Administration and Faculty for the co-operation so freely given in all matters pertaining to the UWO Contingent COTC.

COTC Staff - 1955-56

Commanding Officer	- Lt. Col. R. N. Shervill
Second in Command	- Maj. A. E. Raymond
Medical School Representative	- Maj. J. A. F. Stevenson
Adjutant	- Capt. P. R. Robinson
Personnel Officer	- Capt. J. A. Wainwright (1st Hussars)

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Detachment Commander, Waterloo - Capt. J. M. Clark  
Detachment Commander, Assumption - Capt. C.M.J.F. Swan

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Resident Staff Officer - Maj. R. A. Virtue  
Secretary - Miss W. M. Burke

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UNIVERSITY RESERVE SQUADRON (R.C.A.F.)

Report of the Commanding Officer - W/C M.H.M. MacKinnon

The University of Western Ontario Primary Reserve Squadron during the year 1955-56 included a regular force support unit of one officer and one airman, five Primary Reserve Staff Officers, 59 undergraduates enrolled in URTP and 15 undergraduates subsidized under ROTP. Fourteen of the URTP undergraduates were female.

F/L Hartmann at Assumption University recruited one cadet for the URTP, Accounts Branch. F/L D. A. Riggs at O.A.C. recruited four female and two male undergraduates for the URTP in Messing and Aircrew Branches.

Liaison was maintained with OAC and Assumption University by frequent trips to Guelph and Windsor. As there were a total of eleven cadets at OAC and MacDonal Institute in Guelph, a training programme at Guelph was carried out by F/L Riggs and the RSO.

At UWO the URTP (for Reserve Officers) and the ROTP (for Regular Officers) have a joint training scheme during the winter consisting of 64 hours of lectures and parades, on Monday evenings in Thames Hall. Lectures by staff officers and university professors from the History and Geography Departments are balanced by lectures on the Air Force and by films concerned with aviation and technical subjects. The cadets are encouraged to participate in debates and discussions on military and world affairs topics.

In addition to the lecture training programme the cadets attended the Remembrance Day Service in uniform. Also a formal mess dinner at the Officers' Mess, Crumlin for the squadron and distinguished guests was held in March.

The first year male flight cadets proceeded to Reserve Officers' School at Collège Militaire Royale for basic training and then went to specialized courses in Aircrew, Technical, Administration, Supply and Medical Services Branches. At the end of three summers URTP flight cadets are commissioned as Pilot Officers and are promoted to Flying Officer on graduation from University.

In September F/L H. A. Smith assumed the duties of RCAF Resident Staff Officer and he has done an excellent year's work. The Orderly Room, the responsibility of Cpl. R. V. Laroche, has maintained its usual high standard of efficiency.

The RCAF University Reserve Squadron at UWO has a very high reputation for morale and academic standing. The cooperation of the university administration and faculty has been a major factor in the success of this squadron.

REGISTRATION SUMMARY - WHOLE UNIVERSITY - 1955-56

UNDERGRADUATE GRADUATE

College:	Full time		Part time		Correspondence	Extension	Summer School	GROSS TOTALS	Duplications	NET TOTALS 1955-56	Gain	Loss
	Men	Women	Men	Women								
<b>ARTS:</b>												
Huron College	43		3					46		46	9	
Music Teachers' College	4							4		4		
	30							30		30	1	
St. Peter's and College of Christ the King	121		5					126		126		
			3					3		3	129	72
University College	985		19	61	9	260	395	2234	333	1851	2731	289
	456		13	9	9	83	210	1020	140	889	2731	289
Ursuline College	96		34					130		130		22
Waterloo College	307		24					331		331		
	55		28					83		83	414	72
FACULTY OF ARTS & SCIENCE	1460		51	61	9	260	395	2741	333	2358	3484	421
	637		78	9	9	83	210	1266	140	1126	3484	421
MEDICINE	215			29				244		244		
	15		1	3				19		19	263	6
NURSING	98							98		98	28	
BUSINESS ADMINISTRATION	166			109				275		275		
	3							3		3	278	45
TOTAL FOR WHOLE UNIVERSITY	1811		51	199	9	260	395	3260	383	2877	4123	488
	753		79	12	9	83	210	1386	140	1246	4123	488

OCCUPATIONS OF STUDENTS' PARENTS

APPENDIX B

<u>OCCUPATIONS:</u>	<u>Number of Students</u>	<u>Percentage of Students</u>
Agriculture.....	632	15.33
Business (unspecified).....	136	3.29
Construction.....	98	2.37
Finance.....	365	8.86
Fishing.....	7	.17
Labour (unspecified).....	65	1.57
Lumbering.....	38	.92
Manufacturing.....	641	15.55
Mining.....	41	.99
Service: Custom and Repair.....	301	7.31
Domestic and Personal.....	16	.39
Professional -		
Education.....	141	3.42
Engineering.....	117	2.84
Health - Doctors, Dentists, Optometrists...	189	4.59
- Druggists.....	35	.86
Laboratory Technicians.....	18	.45
Law.....	70	1.69
Religion.....	89	2.15
Miscellaneous:		
Artists and Musicians.....	9	.22
Entertainment.....	11	.27
Publications.....	44	1.07
Social Service.....	5	.12
Public Service:		
Municipal, Provincial, Federal.....	217	5.26
Trade.....	398	9.66
Transportation.....	234	5.67
Retired (former occupation not specified).....	21	.51
Deceased (former occupation not specified).....	63	1.52
Unreported.....	122	2.95
	<u>4123</u>	100.00%



RELIGIOUS DENOMINATIONS

<u>Denominations</u>	<u>Huron</u>	<u>Univer- sity</u>	<u>St. Peter's and C.K.C.</u>	<u>Ursu- line</u>	<u>Water- loo</u>
Anglican	42	574	2	2	59
Associated Gospel	-	-	-	-	-
Baptist	-	120	-	-	15
Brethren in Christ	-	5	-	-	1
Buddhist	-	-	-	-	-
Christian Alliance	-	2	-	-	-
Christian Science	-	6	-	-	1
Christ Disciples	-	10	-	-	-
Christian Reformed	-	6	-	-	-
Church of God	-	1	-	-	-
Church of New Jerusalem	-	-	-	-	1
Congregational	-	1	-	-	-
Evangelical	-	13	-	-	18
Gospel Hall	-	1	-	-	1
Greek Orthodox	-	14	-	-	3
Hebrew	-	60	-	-	7
Hindu	-	1	-	-	-
Latter Day Saints	-	8	-	-	1
Lutheran	-	79	-	-	104
Mennonite	-	22	-	-	23
Methodist	-	8	-	-	-
Pentecostal	-	7	-	-	-
Plymouth Brethren	-	5	-	-	1
Presbyterian	-	251	-	3	51
Quaker	-	1	-	-	-
Roman Catholic	-	294	118	116	31
Salvation Army	-	4	-	-	-
Seventh Day Adventist	-	-	-	-	-
Theosophist	-	1	-	-	-
Unitarian	-	4	-	-	2
United Church	4	1080	7	8	92
United Missionary	-	3	-	-	2
Unspecified	-	150	2	1	1
	<u>46</u>	<u>2731</u>	<u>129</u>	<u>130</u>	<u>414</u>

OF STUDENTS

<u>Music</u> <u>Teachers</u>	<u>Medi-</u> <u>cine</u>	<u>Nurs-</u> <u>ing</u>	<u>Bus.</u> <u>Admin.</u>	<u>Total</u>	<u>%</u>
7	44	18	68	816	19.79
-	1	-	-	1	.02
1	16	5	4	161	3.91
-	-	-	-	6	.15
-	-	-	1	1	.02
-	-	-	-	2	.04
-	-	-	4	11	.27
-	-	-	-	10	.24
-	-	-	-	6	.16
-	-	-	-	1	.02
-	-	-	-	1	.02
-	-	-	-	1	.02
-	1	2	1	35	.86
-	-	-	-	2	.04
-	4	-	2	23	.57
1	20	-	4	92	2.23
-	-	-	-	1	.02
1	1	1	-	12	.29
-	8	1	3	195	4.73
-	2	-	1	48	1.16
-	-	1	1	10	.25
-	2	-	1	10	.25
1	-	-	-	7	.17
1	20	8	25	359	8.71
-	-	-	-	1	.02
3	25	13	43	643	15.59
-	1	-	-	5	.12
-	-	-	1	1	.02
-	-	-	-	1	.02
-	-	1	-	7	.17
19	92	42	104	1448	35.12
-	-	1	-	6	.15
-	26	5	15	200	4.85
<u>34</u>	<u>263</u>	<u>98</u>	<u>278</u>	<u>4123</u>	<u>100.00</u>

EXAMINATION RESULTS 1955-56

APPENDIX D

		<u>Students who wrote</u>	<u>No. who passed all their exams at first attempt</u>		<u>No. who passed all supps. or special exams.</u>	
FACULTY OF ARTS & SCIENCE:				%		%
University College:						
Intramural	Men	910	535	(58.79)	92	(10.01)
	Women	457	315	(68.92)	43	(9.40)
		<u>1367</u>	<u>850</u>	<u>(62.63)</u>	<u>135</u>	<u>(9.94)</u>
Extramural and Extension	Men	455	358	(78.68)	32	(7.03)
	Women	218	187	(85.77)	10	(2.18)
		<u>673</u>	<u>545</u>	<u>(80.98)</u>	<u>42</u>	<u>(6.24)</u>
Summer Session	Men	491	450	(91.64)	6	(1.22)
	Women	225	214	(95.11)	1	(.44)
		<u>716</u>	<u>664</u>	<u>(92.73)</u>	<u>7</u>	<u>(.97)</u>
All Departments in University College	Men	1856	1343	(72.36)	130	(7.00)
	Women	900	716	(79.55)	54	(6.00)
		<u>2756</u>	<u>2059</u>	<u>(74.34)</u>	<u>184</u>	<u>(6.67)</u>
Huron College	Men	43	27	(62.79)	4	(9.30)
Music Teachers' College	Men	3	1	(33.33)	1	(33.33)
	Women	30	16	(53.33)	6	(20.00)
		<u>33</u>	<u>17</u>	<u>(51.51)</u>	<u>7</u>	<u>(21.21)</u>
St. Peter's College	Men	75	50	(66.66)	6	(8.00)
College of Christ the King	Men	44	16	(36.36)	7	(15.90)
	Women	3	1	(33.33)	2	(66.66)
		<u>47</u>	<u>17</u>	<u>(36.17)</u>	<u>9</u>	<u>(19.14)</u>
Ursuline College	Women	95	54	(56.84)	13	(13.68)
Waterloo College	Men	306	159	(51.96)	21	(6.86)
	Women	82	57	(69.51)	10	(12.19)
		<u>388</u>	<u>216</u>	<u>(55.67)</u>	<u>31</u>	<u>(7.98)</u>
FACULTY OF ARTS AND SCIENCE	Men	2327	1596	(68.15)	169	(7.26)
	Women	1110	844	(76.03)	85	(7.65)
		<u>3437</u>	<u>2440</u>	<u>(70.99)</u>	<u>254</u>	<u>(7.39)</u>
SCHOOL OF BUSINESS ADMINISTRATION	Men	167	157	(94.01)	1	(.59)
	Women	2	2	(100.00)	-	(-)
		<u>169</u>	<u>159</u>	<u>(94.08)</u>	<u>1</u>	<u>(.59)</u>
FACULTY OF MEDICINE	Men	215	186	(86.51)	19	(8.79)
	Women	15	15	(100.00)	-	(-)
		<u>230</u>	<u>201</u>	<u>(87.39)</u>	<u>19</u>	<u>(8.26)</u>
SCHOOL OF NURSING	Women	95	94	(98.94)	-	(-)
FACULTY OF GRADUATE STUDIES	Men	186	178	(95.69)	-	(-)
	Women	19	19	(100.00)	-	(-)
		<u>205</u>	<u>197</u>	<u>(96.09)</u>	<u>-</u>	<u>(-)</u>
WHOLE UNIVERSITY	Men	2895	2117	(74.44)	189	(6.52)
	Women	1241	974	(78.48)	85	(6.84)
		<u>4136</u>	<u>3091</u>	<u>(74.73)</u>	<u>274</u>	<u>(6.62)</u>

EXCERPTS FROM THE INTERIM REPORT OF THE ENROLMENT  
COMMITTEE OF THE FACULTY OF ARTS AND SCIENCE

Summary, Factors Affecting Enrolment at the University of Western Ontario

Although some of the foregoing considerations cannot be reduced to a statistical formula one general conclusion is obvious. The University of Western Ontario must look forward to a greatly increased enrolment in the next ten years. In the absence of a marked change of policy by the University and other authorities we can predict an enrolment by 1965 at least double our present one, and quite possibly much more than that. Nor is the establishment of new universities, colleges, or technological institutes within or near our area likely to modify greatly the rate of the University of Western Ontario's increase in enrolment for the next ten years because of the established reputation of Western and the slow growth of new universities.

Finally we would like to record our conviction, based on the birth-rate of the past ten years - which was not considered in this survey, that the problem of university enrolment will become even more pressing after 1965. Whatever adjustments need to be made in the coming decade should be made in the knowledge that still greater changes may be impending.

Staff Increases

The most important and also the most pressing problem which the increasing enrolment will pose is the necessity for enlarging and improving the quality of our staff. This committee, while it feels that specific programmes for development within departments are a matter to be worked out by department heads, deans of Schools, and the Budget Committee, suggests careful consideration of the following points:

1. The essential part of any university is its faculty. With large enough qualified faculties our University will be able to deal effectively with all the students who are admitted during the next ten years. For, with the exception of the new physical accommodation immediately required by the departments of Natural Science, no matter how far Western's building programme falls behind the increasing enrolment, the University can arrange its classes (by changes in weekly or yearly time-tabling) to double or even triple the use of its present facilities.

2. If we are to have suitable faculties to discharge the University's responsibilities and further enhance its reputation in this period of expansion, we must select that staff now. We must immediately begin building up departments so that there will be time for the elimination of unsuitable temporary appointees, and also so that no lowering of our academic standards will occur as the rate of growth accelerates.

3. Already there is a growing demand on the part of other universities for lecturers and demonstrators. We must be prepared to face competitive conditions of salaries and other benefits if we are to maintain, and

if possible improve, our present academic status. Nor are salary and other financial benefits the only considerations if we are to retain our present staff and recruit additional suitable personnel. Quite as important to faculty members are such things as adequate secretarial assistance, time for research (including sabbatical leaves), and freedom from excessive burdens of committee and administrative assignments.

### Summary, Building Requirements

1. The Arts Building is already being used at close to capacity under the present time-tabling. There is a need for seminar rooms and office space.

The enactment of a provincial or federal Health Plan may make possible the establishment of a separate building for the School of Nursing, and this move would provide a few additional rooms.

2. The Science Building is presently badly overcrowded.
3. Thames Hall is adequate for its present departments and commitments.

An expansion of the Engineering Course from a two year to a full programme would necessitate a separate building and thus provide for additional space in Thames Hall.

4. The Library facilities must be expanded to handle any further increase in enrolment.

The above summary is based on the present demands of departments and courses and does not take into account any use of the listed facilities by new departments, courses or schools.

### Possible Solutions for the Future:

#### Arts

- (i) Establish a new Arts College on the campus.
- (ii) If the present building must for the time being serve, the following suggestion is offered:

Extend the third storey on the North Wing of University College.

Put in a staff elevator at the west end of the North Wing corridor.

Regardless of whether (i) or (ii) or both are implemented Somerville House will necessitate an additional exit door opening from the main staircase bay window on to the staff parking lot.

## Science

- (i) Erect a new Biology Building to house the departments of Botany and Zoology, and leave the present Science Building to Physics, Chemistry and Geology.
- (ii) If the present building must serve for the time being the following suggestions are offered:
  - (a) Incorporate part of the central courtyard.
  - (b) Divide horizontally the two large amphitheatres which now rise through two floors and thus provide more storage space with the same seating capacity.

## Thames Hall

No immediate expansion is required.

## Library

- (i) Erect a new wing to provide more reading room space which will include a self-service collection of basic books. The present Museum Room would be a suitable room for this latter purpose, if another place could be found for the Museum collection.
- (ii) Set up a Study Room in the Arts Building which students who wish to study their own texts could use and thus free much of the Library Reading Rooms space. Room 2 of the Arts Building is a suitable room for such a purpose.

## Parking Facilities

More student and especially staff parking space must be made available as soon as possible.

## Summary, Time-Tabling

The disadvantages of the quarter system far exceed the advantages. The experience of American universities is that this system has usually been instituted in large state universities to meet popular pressures of various kinds. Many American universities in recent years have changed from the quarter system to the semester plan (e.g. the University of North Carolina and the University of Colorado). The two universities on the quarter plan visited by members of this committee—Southern Illinois and Kent, Ohio -- are both in the process of abandoning it as being too confusing, cumbersome, and costly to maintain in the face of increasing enrolment.

Recommendations Regarding Time-Tabling to Give Greater Use of University Facilities

1. Increase the amount of instruction available by adding a new six week term between the end of the regular yearly term in May and the beginning of Summer School in July.
2. Time table classes to begin at 8:30 a.m. or even 8:00 a.m. and run them beyond 5:00 p.m. Monday through Friday, and thus lengthen the academic day.

SCHEDULE OF RESEARCH FUNDS

APPENDIX F

FOR THE YEAR ENDED JUNE 30, 1956

Faculty of Medicine

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
Amer. Otological Soc.	Prof. J. B. Collip	American Otological Society Research Fund
Dept. of Agriculture	Prof. 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
Atlas Powder Co.	Prof. R. J. Rossiter	Nutritional biochemical study
J. P. Cannon & Co.	Prof. J. B. Collip	Atherosclerosis and hypertension research
J. P. Bickell Foundation	Prof. M. L. Barr	Histochemical Study of the Blood Vessels in Atherosclerosis
J. P. Bickell Foundation	Prof. J. B. Collip	Purchase X-Ray Machine for Dept. of Gross Anatomy
J. P. Bickell Foundation	Prof. M. L. Barr	Studies in Experimental Cytology
Ont. Cancer Treatment & Research Foundation	Prof. J. Fisher & Dr. I. Smith	Experimental Production of Lung Fibrosis as a result of radio therapy
Income from Collip Trust Fund	Prof. J. B. Collip	Medical Research
Sundry Donors	Faculty of Medicine	U.W.O. Cancer Research Project (General)
Ont. Cancer Treatment & Research Foundation	Dr. D. L. Bartelink	Establishment of a unit for treatment and diagnosis with radioactive isotopes



<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
Ont. Cancer Treatment & Research Foundation	Dr. C. G. Drake	Investigation of the Effect of Gamma
Ont. Cancer Treatment & Research Foundation	Prof. R. L. Noble	Clinical studies on the action of Lithospermum
Cndn. Cancer Society (Ontario Division)	Prof. J. B. Collip	Cancer Research
Defence Research Board	Prof. J.A.F. Stevenson	Metabolic Reactions to Dietary Temperature and Traumatic Stresses
Defence Research Board	Prof. R. A. Waud	Study of blood substitutes and drugs in shock
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 man and animals to cold and damp
Defence Research Board	Prof. J.A.F. Stevenson	The automatic nervous system in hemorrhagic shock
Defence Research Board	Dr. G. W. Manning	Cardiovascular Research
Defence Research Board	Prof. R. L. Noble	Study of factors affecting tolerance of trauma
Defence Research Board	Dr. C. W. Gowdey	The effect of changes in Oxygen Tension on Sympathadrenal and other systems
Sarah E. Eaton Fund		Medical Research
Mr. R. W. Frost		Medical Research
A. Hyman Estate	Dr. G. W. Manning	Cardiovascular Research Fund under direction of Dr. G. W. Manning
Dept. of National Health & Welfare	Prof. G. W. Stavrazy	Study of Reflex Patterns

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
R.C.A.F.	Prof. G. E. Hobbs	A study of the personal background of pilots in fatal training accidents
Dept. of National Health & Welfare	Prof. M. L. Barr	Nucleoprotein Metabolism of the Brain
Ont. Heart Foundation	Dr. G. W. Manning	Clinical Cardiovascular studies with particular reference to Electro-cardiography and heart sound studies
Ontario Heart Foundation	Prof. R. A. Waud	The peripheral and vascular effects of hypertensive agents as studied on mechanical heart-lung dogs
Dept. of National Health & Welfare	Prof. G. E. Hobbs	Social factors in mental illness
Ont. Heart Foundation	Prof. J.A.F. Stevenson	The mechanisms of Cardiovascular Response to Anaemia
Dept. of National Health & Welfare	Prof. E. M. Watson	Connective Tissue in relation to disease
Dept. of National Health & Welfare	Prof. G. E. Hobbs	Study of Psychoneurotic Factors in Morbidity
Ruth Knox Herman Fellowship	Prof. J. B. Collip	Medical Research
Dept. of National Health & Welfare	Prof. E. M. Watson	Disease factors in Diabetes
Dept. of National Health & Welfare	Prof. J. B. Collip	The Production and Fate of Antibodies
Dept. of National Health & Welfare	Prof. R. J. Rossiter	Metabolism of Brain in Vitro
Dept. of National Health & Welfare	Prof. R. J. Rossiter	Pharmacological Studies on Metabolism of Brain
Dept. of National Health & Welfare	Prof. R. J. Rossiter	Metabolic Compounds in Brain Tissue

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
Dept. of National Health & Welfare	Dr. C. R. Engel	Syntheses of Steroids
Ontario Heart Foundation	Dr. G. W. Manning	Cardiovascular Research
Dept. of National Health & Welfare	Prof. F. S. Brien	Fungal Spores in Allergy
Life Insurance Medical Research Fund	Prof. A. C. Burton	Research on physico-chemical and local reflex factors in hemodynamics
Cndn. Life Insurance Officers' Assoc.	Prof. G. E. Hobbs	Motor Vehicle Accident Prevention Study
John Labatt Ltd.	Prof. R. J. Rossiter	Research in the Dept. of Biochemistry into the medical applicability of certain isotopes
Cndn. Life Insurance Officers' Assoc.	Dr. C. R. Engel	Fellowship to investigate (a) syntheses of new steroids with hormonal and therapeutic activities in the series of sex and adrenal hormones. Investigation of the correlation of chemical constitution and physiological activity and (b) cardiotonics, especially isolation and determination of the nature of natural glycosides with marked activity
Cndn. Life Insurance Officers' Assoc.	Dr. J. W. Pearce	Research
Life Insurance Medical Research Fund	Prof. A. C. Burton	To provide laboratory expenses in connection with a Life Insurance Fellowship paid direct to Mr. S. Yamada
Lederle Laboratories		The Lederle medical student research Fellowships
Life Insurance Medical Research Fund	Dr. K. K. Carroll	Nervonic acids to sterol synthesis

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
Lederle Laboratories		Lederle Medical Faculty Award to Dr. K. P. Strickland
Sundry Donors	Faculty of Medicine	Medical Alumni Research Fund
F. K. Morrow Foundation	Prof. G. E. Hobbs	Relation of Population Changes to Health and Disease
Sundry Donors	Dr. G. W. Manning	Dept. of Medicine Cardio- vascular Research
J. McClary Memorial Fund	Prof. G. E. Hobbs	Research in Industrial Medicine
D. H. McDermid Fund	Prof. J. B. Collip	General Medical Research
D. H. McDermid Fund	Prof. M. L. Barr	Medical Research
National Research Council	Dr. G. W. Manning	The effect of hypothermia on myocardial activity before and after sympathectomy
National Research Council	Dr. J. W. Pearce	The nervous regulation of the pulmonary vascular system
National Research Council	Prof. F. S. Brien	A study of Vitamin A tolerance test in health and disease
National Research Council	Dr. P. C. Fitz-James	Biochemical & cytological studies of sporulation in bacteria
National Research Council	Dr. G. W. Manning	The effect of gall bladder distension in the presence of recent acute cardiac infraction
National Research Council	Prof. A. C. Burton	Reactive hyperaemia as a factor of the circulation of the skin of man
National Research Council	Prof. R. G. E. Murray	Expenses of Dr. A. Birch Anderson

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
National Research Council	Prof. E. M. Watson	The metabolism of the acid nucopolysaccharides
National Research Council	Dr. H. B. Stewart	Studies on kilosis
National Research Council	Dr. D. L. Bartelink	Fundamental embryology, anatomy and radiology of the spinal column
National Research Council	Dr. E. W. R. Campsall	A study of the bacterial flora of the upper respiratory tract
National Research Council	Dr. K. P. Strickland	The metabolism of some intermediates involved in the biosynthesis of the phospholipids
National Research Council	Prof. J. B. Collip	For bacteriological research
National Research Council	Prof. G. W. Stavraky	Responses of partially isolated motor neurones to reflex and chemical stimulation
National Research Council	Prof. A. C. Burton	Veno-vasomotor effects in vascular bed
National Research Council	Dr. P. C. Fitz-James	Fellowship to Dr. P. C. Fitz-James
National Research Council	Dr. C. W. Gowdey	The role of the automatic nervous system in the cardiovascular responses to anaemia
National Research Council	Prof. M. L. Barr	A study of congenital errors in sex development
National Research Council	Prof. R. A. Waud	Further studies of the pharmacology and isolation of the active cardiac principle contained in ornithogalum umbellatum
National Research Council	Prof. J. B. Collip	Consolidated Grant to Dr. J. B. Collip
National Research Council	Prof. R. J. Rossiter	Biochemistry of demyelination

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
National Research Council	Prof. C. F. Robinow	Cytological studies of bacteria
National Research Council	Prof. A. D. McLachlin	Further studies in replacement therapy in experimental shock
National Research Council	Prof. A. C. Burton	Physicochemical factors and bioelectric potentials at the blood vessel wall, with reference to atherosclerosis
National Research Council	Prof. R. G. E. Murray	A re-evaluation of morphological taxonomic criteria for the classification of bacteria
National Research Council	Prof. J.A.F. Stevenson	Study of the role of the hypothalamus in water and energy exchange
National Research Council	Dr. H. A. DeLuca	The effect of hormonal and other factors on thyroid metabolism
National Research Council	Dr. R. H. Pearce	Physico-chemical studies of the acid mucopolysaccharides
National Research Council	Dr. F. C. Heagy	A study of pentosenucleic acid and other protein-bound phosphorus compounds
National Research Council		N.R.C. Consolidated Advance Account
National Research Council	Prof. A. C. Burton	Special Grant
National Research Council	Dr. G. W. Manning	Special Grant
National Research Council	Prof. R. J. Rossiter	Special Grant
National Research Council	Prof. E. M. Watson	Special Grant
National Research Council	Prof. R. A. Waud	Special Grant
National Research Council	Prof. G. W. Stavrakys	Special Grant
National Research Council	Prof. E. G. D. Murray	Special Grant

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
National Cancer Institute	Prof. R. L. Noble	Study of lithosperm including chemical fractionation and its action on animals, etc.
National Cancer Institute	Prof. R. J. Rossiter	Study of endocrine activation of tissue
National Cancer Institute	Prof. M. L. Barr	Studies in Cancer Cytology
National Cancer Institute	Dr. R. W. Begg	An experimental study of tumour-host relations in the rat
National Cancer Institute	Dr. R. W. Begg	Fellowship for Dr. R. W. Begg
National Cancer Institute	Prof. A. C. Burton	Bioelectric potentials of tumours
National Cancer Institute	Dr. A. C. Wallace	Cancer Research
National Cancer Institute	Prof. M.L. Barr	Fellowship - K. L. Moore
National Cancer Institute	Dr. R. W. Begg	Lipid Metabolism in Tumour-bearing rats
National Cancer Institute	Dr. R. W. Begg	Fellowship for A. F. Burton
National Cancer Institute	Prof. R. L. Noble	Therapeutic studies in Experimental Tumours
Reckitt & Coleman Ltd.	Prof. R. A. Waud	Medical Research
T. & H. Smith Ltd.	Prof. R. L. Noble	Dr. K. M. Henderson re work on Lithospermum and related plants
Edna Isabel Shurtleff	Prof. J. B. Collip	Cancer Research
Naugatuck Chemicals	Prof. R. A. Waud	Thioneb Research
Province of Ontario	Dr. G. B. Sexton	Research on improved instruction in Venereal Disease

University College

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
Canada Packers Ltd.	Principal Frank Stiling	Humanities Research
Defence Research Board	Prof. A. W. A. Brown	Attractancy of Man and Clothing to Mosquitoes
Defence Research Board	Dr. F. L. M. Pattison	Chemical Research Contract
Defence Research Board	Prof. R. C. Dearle	Study of impurity concentration in germanium through measurement of magnetic susceptibility
Defence Research Board	Prof. A. W. A. Brown	DDT resistance - factors in the behavior of adult mosquitoes
Defence Research Board	Dr. D. A. McLarty	The preparation of uni-algal and pure cultures of certain members of cyanophyta
Defence Research Board	Dr. R. W. Nicholls	Spectrographic determination of gas temperatures
Defence Research Board	Dr. A. J. Sukava	Chemical Research
Defence Research Board	Dr. F. L. M. Pattison	Synthesis of organic fluorine compounds
Dept. of Mines & Technical Surveys	Prof. G. H. Reavely	Pleistocene Stratigraphy along Lakes Erie and Huron
Dept. of Mines & Technical Surveys	Mr. A. Dreimanis	Interstadial peat from Markham Gravel Pit
Dept. of Mines & Technical Surveys	Dr. R. J. Uffen	Scale Model Experiments of Airborne Magnetic prospecting
Ont. Dept. of Health	Prof. G. Turner	Postgraduate training in Clinical Psychology
Imperial Oil Co.	Prof. A. D. Misener	Flame Reaction Research
National Research Council	Dr. F. L. M. Pattison	Expenses of Dr. J. K. Wiltshire under direction of Dr. F. L. M. Pattison



<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
National Research Council	Prof. R. C. Dearle	Ionospheric fine structure study using 50 mc/s stellar radiation
National Research Council	Dr. G. P. Henderson	Computation of the means and variances of order statistics for the normal distribution
National Research Council	Dr. E. Brannen	Nuclear excitation with electrons, X-Rays from microtron
National Research Council	Dr. R. J. Uffen	Measurement of gamma-ray attenuation in rocks
National Research Council	Dr. R. H. Stinson	The relationship of metabolism to temperature selection in a small mammal
National Research Council	Prof. N. C. Hart	Expenses re Postdoctorate Fellowship - Dr. J. Russell
National Research Council	Prof. R. C. Dearle	Further development of microtron components
National Research Council	Prof. H. Battle	Effects of purines and purine analogues on teleostean development
National Research Council	Dr. F. L. M. Pattison	A study of the preparation of new antioxidants for synthetic rubber which do not give rise to colored byproducts on decomposition
National Research Council	Dr. C. Sivertz	The kinetics of free radical addition of various molecules to olefins in the gas and liquid phase
National Research Council	Dr. A. J. Sukava	Effect of addition agents in electro-deposition of metals

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
National Research Council	Prof. A. R. Walker	A study of antibiotics and antibiotic producing organisms in relation to incidence of common scab of potato.
National Research Council	Prof. G. R. Magee	Postdoctorate Fellowship - Dr. W. H. Wehlau
National Research Council	Dr. C. Sivertz	Postdoctorate Fellowship - Dr. E. A. F. Bowden
National Research Council	Prof. A. D. Misener	Block Grant - Physics Dept.
National Research Council	Dr. F. L. M. Pattison	The preparation of new non-staining non-discoloring anti-oxidents for synthetic rubber
National Research Council	Prof. A. W. A. Brown	The effect of insecticides on transanimation in insects
National Research Council	Prof. A. D. Misener	Thermal performance of buildings and associated instrumentation
National Research Council	Prof. A. D. Misener	Special Grant for Equipment
National Research Council	Prof. G. R. Magee	Special Grant for Equipment
National Cancer Institute	Prof. A. D. Misener	Beam produced by the microtron
Ont. Research Council	Dr. D. M. Scott	Limnology of Rondeau Bay and Central Lake Erie
Ont. Research Council	Prof. A. R. Walker	Soil Microflora in relation to common scab of potato
Ont. Research Council	Dr. W. W. Judd	Study of aquatic insects of the Thames River at London
Ont. Research Council	Prof. H. Battle	Early phases of the life history of Lake Erie fish

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
Ont. Research Foundation	Dr. W. W. Judd	Biology of aquatic insects
Ont. Research Foundation	Dr. D. M. Scott	Limnology of Lake Erie
Ont. Research Foundation	Dr. R. H. Stinson	Biology of mammals in Rondeau Park
Ont. Research Foundation	Dr. E. Brannen	Total Absorption X-Ray Spectrometer
Dr. R. K. Stratford	Principal F. Stiling	Humanities Research
U.S.A.F.	Prof. A. D. Misener	U.S.A.F. Research
U.S.A.F.	Prof. A. D. Misener	Study of Intensities and Modes of Excitation in Atomic and Molecular Spectra

Museums

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

Sundry Donors	School of Business Administration	Business 20 Case Research Account
Sundry Donors	Dean F. W. P. Jones	Management Training Course Research Account

STAFF CHANGES

APPENDIX G

Retirements

Three of the most highly esteemed members of the Faculty of Arts and Science reached the age of retirement this year after unusually long periods of service to the University. Professor N. C. Hart joined the staff in 1919, Professor A. G. Dorland in 1920 and Professor A. D. Turville, herself a graduate of Western, in 1925. The Faculty of Medicine also lost three valued members through retirement, Dr. Josephine Bittner, Dr. F. R. Clegg and Dr. F. W. Luney. I wish to take this opportunity to express the sincere appreciation of the whole University to these retiring colleagues for their contribution over many years not only as beloved teachers but as valued counsellors in Senate, in committees and in student affairs.

(a) University College

Prof. A. G. Dorland	J. B. Smallman Memorial Professor and Head, Department of History.
Prof. N. C. Hart	Professor and Head, Department of Botany
Prof. A. D. Turville	Professor, Department of Romance Languages

(b) Faculty of Medicine

Dr. Josephine Bittner	Lecturer in Bacteriology and Immunology
Prof. F. R. Clegg	Professor of Obstetrics and Gynaecology
Dr. F. W. Luney	Associate Professor of Pathology

Resignations

(a) University College

Mrs. C. Easun	Instructor, Department of Physical, Health and Recreation Education
Dr. R. C. Sahni	Research Associate, Department of Physics
Dr. B. R. Stewart	Lecturer, Department of Psychology
Mr. J. Wainwright	Instructor, Department of Psychology
Dr. O. Weininger	Instructor, Department of Psychology
Miss Eileen Wilkin	Lecturer, Department of Psychology
Prof. E. F. Zeigler	Professor and Head, Department of Physical, Health and Recreation Edu- cation

(b) Faculty of Medicine

Dr. P. M. Andrus	Instructor in Medicine
Dr. D. R. Brown	Instructor in Medicine
Dr. D. Cockcroft	Instructor in Radiology
Miss Margaret D. McLean	Instructor in Hospital Procedures

Resignations

(c) School of Business Administration

Prof. Brant Bonner Professor

(d) School of Nursing

Miss M. Kenny Lecturer  
Miss M. D. McLean Associate Professor

(e) Libraries

Miss I. R. Johnson Assistant Medical Librarian  
Dr. J. R. Gwynne-Timothy Assistant Librarian, continuing as  
Lecturer, Department of History,  
University College

(f) Dr. Helen Rossiter University Physician

Promotions

(a) University College

Dr. E. Brannen Assistant Professor to Associate  
Professor, Department of Physics  
Mr. F. S. Cook Instructor to Lecturer, Department  
of Botany  
Mrs. E. M. Kukainis Instructor to Lecturer, Department  
of Physical, Health and Recreation  
Education, and Assistant, Department  
of Athletics  
Dr. A. J. Sukava Instructor to Lecturer, Department of  
Chemistry  
Dr. R. J. Uffen Assistant Professor, Department of  
Geology, and Lecturer, Department of  
Physics, to Assistant Professor, Depart-  
ment of Geology, and Assistant Professor  
in Geophysics, Department of Physics  
Dr. M. Wright Assistant Professor to Associate  
Professor, Department of Psychology

(b) Faculty of Medicine

Dr. J. A. Butt Fellow in Obstetrics and Gynaecology to  
Instructor in Obstetrics and Gynaecology  
Dr. V. A. Callaghan Senior Associate in Surgery to Assistant  
Professor of Surgery  
Dr. F. R. Clegg Associate Professor of Obstetrics and  
Gynaecology to Professor of Obstetrics  
and Gynaecology

Promotions

(b) Faculty of Medicine (continued)

Dr. Aileen Cline	Instructor in Microscopic Anatomy to Lecturer in Microscopic Anatomy
Dr. D. B. Meltzer	Fellow in Medicine (St. Joseph's Hospital) to Instructor in Medicine (St. Joseph's Hospital)
Dr. G. W. Prueter	Fellow in Obstetrics and Gynaecology to Instructor in Obstetrics and Gynaecology
Dr. A. G. Ramsay	Fellow in Medicine to Instructor in Medicine
Dr. J. C. Rathbun	Assistant Professor of Paediatric Research, Lecturer in Medical Research, to Professor and Head of the Department of Paediatrics, Lecturer in Medical Research

(c) School of Business Administration

Mr. J. T. Nicholson	Lecturer to Assistant Professor
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(d) Libraries

Miss O. Bishop	Assistant to Assistant Librarian, Medical
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Appointments

(a) University College

Mr. M. Alvarez	Instructor, Department of Romance Languages
Mr. C. Henry	Instructor, Department of Philosophy (returns from leave of absence)
Mr. H. J. Johnson	Faculty Adviser (2nd appointment)
Mr. H. R. MacCallum	Instructor, Department of English
Mr. S. Peitchinis	Instructor in Economics
Dr. P. R. Robinson	Instructor, Department of Philosophy (additional year)
Miss E. Wilkin	Lecturer in Psychology
Dr. C. G. Winder	Faculty Adviser (1st appointment)
Dr. M. Wright	Faculty Adviser (2nd appointment)

(b) Faculty of Medicine

Dr. D. J. Chapman	Instructor in Radiology
Dr. J. C. G. Coles	Instructor in Surgery
Dr. G. G. Copestake	Instructor in Radiology
Dr. H. K. P. Jahnke	Lecturer in Medical Research
Dr. A. M. Lansing	Demonstrator in Physiology
Dr. F. J. Rounthwaite	Instructor in Otorhinolaryngology (St. Joseph's Hospital) and Sessional Lecturer in Physiology

Appointments

(b) Faculty of Medicine (continued)

Dr. G. A. Sears	Demonstrator in Physiology
Dr. N. B. G. Taylor	Honorary Lecturer in Medical Research
Dr. N. T. Welford	Visiting Assistant Professor in Biophysics
Dr. W. W. J. Wilkins	Instructor in Radiology (St. Joseph's Hospital)
Dr. H. A. Collins	Instructor in Preventive Medicine
Dr. H. A. Cardwell	Instructor in Psychiatry
Dr. D. B. Meltzer	Instructor in Pathological Chemistry

(c) School of Business Administration

Dr. D. S. R. Leighton	Assistant Professor
Dr. R. K. Ready	Assistant Professor (returns from leave of absence)
Prof. L. W. Sipherd	Professor (returns from leave of absence)

(d) Dr. R. J. Bowen                      University Physician

Leaves of Absence

(a) University College

Dr. J. H. Blackwell	Assistant Professor, Department of Physics
Mr. R. Woodman	Instructor, Department of English

(b) School of Business Administration

Mr. D. W. Ladd	Assistant Professor (for additional year)
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Deaths

Dr. R. A. Johnston, Assistant Professor of Surgery, Instructor in Anatomy, deceased May 14th, 1956.

PUBLICATIONS OF THE FACULTY AND GRADUATE STUDENTS

FACULTY OF ARTS AND SCIENCE

Department of Botany

Cook, F. S.

"Adaptation of the Carbon Dioxide Yield in the Ninhydrin Reaction to the Study of Transamination in Plant Tissues". Canadian Journal of Biochemistry and Physiology, 34: 15-24, 1956.

Walker, A. R.

"Folklore and Mythology of Plants." The Torch, 29: 23-27, 1956.

Department of Chemistry

Fraser, R.R., and Pattison, F.L.M.

"Ethyl w-fluoroacetate." Nature, 176: 696, 1955.

Howell, W. C., and Pattison, F.L.M.

"Organometallic reactions of w-fluoroalk-yl halides." Chemistry & Industry, 74: 949-950, 1955.

Pattison, F.L.M., and Millington, J. E.

"The Preparation and some cleavage reactions of alkyl and substituted alkyl methanesulphonates." Canadian Journal of Chemistry, 34: 757-768, 1956.

Pattison, F.L.M., and Woodhams, R. T.

"Some new non-staining, non-discoloring antioxidants for synthetic rubber." Journal of Applied Chemistry, 6: 161-168, 1956.

Pattison, F.L.M., Stothers, J.B., and Woolford, R. G.

"Anodic syntheses involving w-monohalococarboxylic acids." Journal of American Chemical Society, 78: 2255-2259, 1956.

Pattison, F.L.M., Fraser, R. R., Middleton, E. J., Schneider, J. C., and Stothers, J. B.

"Esters of fluoroacetic acid and of 2-fluoroethanol." Canadian Journal of Technology, 34: 21-28, 1956.

Sivertz, C., Andrews, W., Elsdon, W., and Graham, K.

"Mechanism of Free Radical Attack on Double Bonds." Journal of Polymer Science, 19: 587-588, 1956.

Sukava, A. J.

"Depolarizations by Mercaptoacetic Acid during Electrodeposition of Copper." Canadian Journal of Chemistry, 34: 128, 1956.



Department of Economics and Political Science

Duncan, K. J.

"Lester: Adjustments to Labour Shortages." (Book Review) Business Quarterly, 21: 66-67, 1956.

Duncan, K. J.

"The Challenge of Automation by Public Affairs Press, Washington, D.C." (Book Review) The Business Quarterly, 21: 67-68, 1956.

Harvey, W. B.

Articles of 800 to 900 words, appearing weekly on the editorial page of:

- The Brandon Sun..... Brandon, Manitoba
- The Hamilton Spectator .... Hamilton, Ontario
- The Whig-Standard..... Kingston, Ontario
- The Lethbridge Herald..... Lethbridge, Alberta
- The London Free Press ..... London, Ontario
- The Gazette..... Montreal, P.Q.
- The Leader-Post..... Regina, Saskatchewan
- The Saskatoon Star-Phoenix. Saskatoon, Saskatchewan

Various Weeklies

- |           |    |   |
|-----------|----|---|
| Article # | 1  | Peace Precedes Disarmament  |
| "         | 2  | Another Task for B. Russell   |
| "         | 3  | Demy and The Expert   |
| "         | 5  | What the Russians will not learn from Iowa                            |
| "         | 6  | Atoms for Fuel -- not Food  |
| "         | 7  | Hope for the Captives -- World Opinion                                |
| "         | 8  | Towards a Classless State   |
| "         | 9  | Public Morality, Private Philosophy                                   |
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