

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

1953-54

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REPORT OF THE PRESIDENT AND VICE-CHANCELLOR

FOR THE YEAR 1953-54

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

In my report for the year 1952-53, I reviewed many of the developments within the University and discussed some of the urgent problems which we will be facing during the next few years. Many of these have been brought into clearer focus through study by a special committee of the National Conference of Canadian Universities as well as through studies conducted at this University.

The major forces influencing the future of higher education in this country are so significant, I feel, and the changes to be wrought so far-reaching, that both should be thoroughly understood by all of us within the University and appreciated by all citizens who believe in education and educational opportunities.

In my judgment, too, the factors currently at work are likely to have a much greater impact at this institution than at practically any other in the Dominion. A few facts will, I think, serve to introduce the problems with which we are confronted.

In 1925, Western had an intramural enrollment within its constituent units of 493 students and a grand total of 690 students including the Affiliated Colleges and those registered in Summer School and Extension work. In 1953-54, however, there were 2003 intramural students in the constituent units (those academic units for which the Board of Governors is responsible), and 3,625 in the University as a whole.

In 1924-25, total current expenditures were \$421,699, while in the fiscal year under review (1953-54) the total, exclusive of more than \$550,000 spent on research funds, was in excess of \$2,000,000. Expenditures per full-time student, and again I refer only to the constituent units, were \$855 in 1925, reached a low of \$508 in 1949, and this year are still only \$696. When such significant figures are converted to a constant dollar value it is strikingly apparent that a great deal less is being spent per full-time student now than was the case ten, twenty or thirty years ago -- even at a time when education in the costly science and professional fields is in greater demand, when the cost of every single item has increased, and when the general cost of living has made today's salaries less effective than the acknowledged low salaries of the 1920's.

That is only part of the general picture. Western is essentially a private university. More specifically it, like Queen's University and McGill University, is a semi-private institution since it receives substantial assistance from government and other public sources. But what of that government assistance? In 1925, over 66% of this University's current revenue came from the Province of Ontario. In 1954, 31.4% of our current revenue came from that source. It is perfectly correct that the actual grant increased from \$300,000 in 1925 to \$512,500 in 1951 and that in the three years since then it has increased to \$675,000, and for this we are most grateful. But the fact still remains that, percentage-wise, it still

represents much less than was received in the decade 1925-1935.

The advent of current maintenance grants from the Government of Canada in 1952 has now added some \$277,000 to the University's current revenues, but this amount, together with the maintenance grant of the Province of Ontario - in total 48.8% of our total revenue - is still less on a percentage basis, than the provincial grant of 1935 and more than 17% less than the comparable grant of 1925.

And the resulting reaction on student fees has been marked. In 1925, student fees provided 11.3% of the total current income of the University, in 1935, 30.8%, and this year, 39%. (It is to be recalled that the post-war peak enrollment of veteran students resulted in a very high percentage (49%) of total revenue from student fees.)

Some of the problems then, which are presently facing this and other universities and which will be accentuated in the future, are specifically related to finances and to student enrollment. In order that we may understand better our own situation, it is pertinent that we look at the picture from a wider point of view, even if relevant phases have been discussed in previous reports. Repetition is not infrequently justified.

Canada's population has doubled in the past forty-five years -- slightly more quickly than that of the United States. Periodic immigration has been a factor in this increase, but of more significance has been the actual number of births. During the depression years (1931-1938) the number of births per annum was approximately 220,000. In 1945 there were 350,000 births, and in 1953 some 380,000. The birth rate in Canada increased in the past ten years from 20.5 to 27.2 per 1000. In Ontario there was even a greater increase in rate - from 17.5 to 25 per 1000. This increase in births in Ontario, especially since 1938, has resulted in an unprecedented influx of students into our primary and secondary schools creating problems with which we are all familiar.

It is not necessary to do much speculating in connection with the numbers to be provided for in 1960 and in 1965 in our secondary schools. Neither does it require any crystal-gazing nor the use of a telescope to see the impending tidal wave of students rushing forward to engulf the ships of higher learning. The storm signals have been raised by all of us in the educational field. The heads of universities and colleges and their colleagues have warned and pleaded with the public to prepare for the imminent flood; but yet the eyes cannot see its approach and the ears cannot hear its coming.

There is no mystery. Those who will be seeking higher education in 1960 and 1965 are already born; we can count them now; they are already in our schools. Inevitably those who are 13 years old this year will be 18 years old in five years; of there are 25% more in Grade 9 this year than there were five years ago, there will be proportionately that many more in Grade 13 five years from now. Take this one step further to the university level. If the percentage of students graduating from secondary school and going on to universities and colleges remained the same in 1960 as it was this year, and the number of students in Grade XIII doubled by 1960, then

the number seeking higher education would, ipso facto, be twice as great as at present. The problem of numbers coming to the universities is just that simple.

Here are some of the pertinent data. In Ontario alone there are 8000 more students in provincially supported schools in 1954 than there were in 1953! In Canada in 1953 there were 310,000 students in the secondary schools and by 1964 there will be 600,000 of them.

The following table is of interest in this connection:

Estimate of Probable Numbers - Ages 16 - 19

<u>Age</u>	<u>1955</u>	<u>1960</u>	<u>1965</u>
16	228,000	292,000	367,000
17	223,000	279,000	353,000
18	219,000	265,000	337,000
19	215,000	252,000	321,000

Even those 367,000 who will be 16 years old in 1965 are presently in our primary schools and, on the basis of figures for Ontario, it may be expected that over 60% of them, on reaching age 16, will be enrolled in secondary schools in this country.

It can be said then, with considerable accuracy, that we do know the time of the coming of students from the secondary schools to the universities. And the numbers are large. It may be said that the universities, since they "handled" so well the large influx of veteran students from 1945 to 1950, should find this new surge of prospective enrollment no serious challenge. For those who may think in this way, may I remind them that lack of teachers, lack of space, lack of equipment, large classes and even double classes are not the answers to this new problem as they were for our veteran students. If it had not been for the great incentive, the experience and the older ages of these young men and women, that great experiment in higher education might well have been a colossal failure. We do not wish to repeat it. But the oncoming situation, unless effective measures are taken now, will be not just as serious. It will be worse. It will be worse because the students will be considerably younger than the veterans were, and the incentive will be less marked. It will be worse too, because the great numbers will not be a three, four or five year "peak" — they will be continuous and they will be greater.

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 an increasing standard of living experienced already by most groups in Canada but largely denied to university teachers.

It is to be freely and frankly admitted that there are limits to which student fees may be raised to help pay for their higher education. I believe, personally, that the proportion of our current revenue derived from student fees should not be increased further. It is already at an exclusive level. Nor can it be denied that there are limits to the taxpayer's dollar as well. They are in great demand covering as they do primary and secondary education, roads, agriculture, health and welfare, national defence, and the many other necessary services. The philanthropist's dollar too, is being competed for keenly by many, many worthy agencies - hospitals, social agencies and the like. The question therefore still remains - Where will the universities get those extra dollars which they must have if they are to meet the demands of the Canadian public and the Canadian economy?

Perhaps we should ask ourselves, before we answer that important question, if we, as universities, if Western should or should not continue to offer higher education to all who are willing or able to take advantage of it. Then we should ask ourselves, as Canadians, as parents, as employers, as governments, whose responsibility it is to provide the facilities for higher education and the means of operating those facilities.

The Provincial Governments are presently contributing relatively large sums for the support of education. The following table (1950) presents some figures of interest in this relationship:

<u>% of Provincial Revenue for Education</u>	<u>Net Value of Production (in thousands)</u>	<u>Population</u>	
Nova Scotia	25.8	261,639	642,584
Ontario	24.8	4,507,302	4,597,542
Newfoundland	22.5		
New Brunswick	20	225,128	515,697
Alberta	19.9	712,070	939,501
Prince Edward Island	19.1	29,000	98,429
Quebec	17.2	2,752,445	4,055,681
British Columbia	16.9	971,878	1,165,210
Manitoba	16.4	474,577	776,541
Saskatchewan	15.8	528,006	831,728

The Federal Government, as has been pointed out previously, commenced in 1952 to make grants to the universities of Canada, on a provincial population basis of fifty cents per head. The total of some 7½ million dollars so arrived at was thus distributed pro rata to the universities, Western receiving about \$277,000 this year.

Another major source of income for the work of the universities is from Canadian corporations. A study of corporate giving in Canada was made in 1952. It is interesting to note that in 1946, Community Chests, Hospitals, the Red Cross, Salvation Army and other health and welfare agencies received 55% of the total gifts from corporations, and the universities and colleges received 14% of the \$2,326,000 total. In 1951, on the other hand, the health and welfare agencies received 70% of the total corporate giving while the colleges and universities were the recipients of less than 11% of the 6 million dollar total.

Although business corporations may deduct for income tax purposes up to 5% of their taxable income with respect to gifts to charitable institutions, such corporations, on the average, are making corporate gifts of less than 1% of their taxable income.

It should be asked, in considering possible sources of increased revenue for the universities, if the Canadian public, the private citizen, can afford to give to higher education. This, of course, is a difficult question to answer. The following table may be of interest in comparing the total revenue of the universities and the gross value of some manufactured products (1951):

Total Revenue of Canadian Universities	\$40,533,000
Gross Value of Products Manufactured	
Carbonated Beverages	90,514,000
Distilled Liquors	113,696,000
Confectionery	90,221,000
Tobacco, Cigars, Cigarettes	116,489,000
Hosiery	66,229,000
Jewellery and Silverware	50,374,000

There is another interesting commentary. In 1952 the total revenue of Canadian universities was \$48,398,000. The expenditures on mental institutions in Canada in the same year (1952-53) was \$59,924,915!

It is rather dramatic to compare the costs of operating the Canadian universities with those of Canadian penitentiaries. On a per annum basis, \$1,677.00 was spent (1951) per convict. The average revenue available for the education of each university student in the same year was \$741.00. And a statement made by the Provincial Committee on Reform Institutions, Ontario, indicated that the cost of maintaining a prisoner in a reformatory or jail at the present time exceeds \$1,500.00 per annum. Need one say more in this connection?

Although the problems of each university or college are, to some extent, specific and individual, yet no one university can solve these problems alone. They are problems coincident with our increasing population and our rising economic level. They are too, problems of inflation. I am sure, as others are too, that if the people of Canada realize the impending educational crises, a solution to the problems will be found.

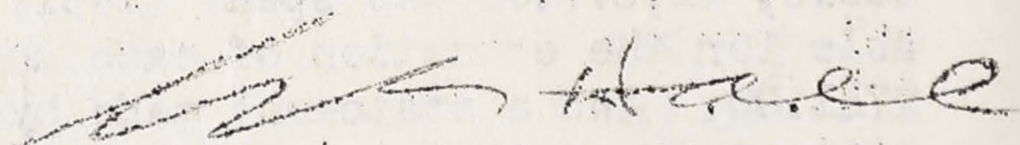
In any event, a decision, if not a solution, will have to be made. That decision may or may not be an intelligent one. We do know that the right decision can be made and the solution to the problems effected if adequate finances are available. The decision eventually rests in the hands of the people. Governments and industry, government and the people, must combine to make it possible for the universities, on which so much of our present and future depends, to meet their responsibilities to Canada and to its people.

It is with pleasure that I record the continued assistance which has been received from the Government of the Province of Ontario, from the Federal Government, from the Corporation of the City of London and from the County Councils of Middlesex, Huron, Elgin, Perth and Lambton Counties. From many Alumni, from Canadian businesses, from many individuals, from several charitable foundations, from service clubs and organizations, and from the Research Councils has come substantial financial assistance for the work of the University. For all of this assistance the University is sincerely thankful; for the understanding which lies behind this support, the University is deeply grateful.

And I take this opportunity of expressing, both personally and on behalf of the staff of the University, our appreciation to the Board of Governors for their constant endeavours on our behalf and for their resolute efforts in support of the University. To the members of the Senate I likewise extend my sincere thanks for their contributions in time, effort and experience which have meant so much to the deliberations of the Senate in exercising its academic responsibilities.

The members of the University staff, firm in their support of the University, have made immeasurable contributions to the students and to the community, and have extended, through their efforts, the horizons of knowledge. My expression of appreciation and thanks to them is most sincere.

This report, the following sections of which deal with specific phases of the University year 1953-54, is respectfully submitted.



President and Vice-Chancellor

THE UNIVERSITY SENATE

Report of the Secretary — Helen M. B. Allison

Two meetings of the whole Senate were held, in December and June. During the year the Senate declared itself in favour of two meetings a year, henceforth, in addition to the Convocation meeting. It was suggested that it might be wise to hold one on the morning of Founders' Day each year, but the exact date was left to the Senate Executive to be decided.

At the meetings held in 1953-54 the following recommendations of the Faculty of Arts and Science were approved:

A new General Course, requiring major and minor subjects to be followed through to graduation.

The first two years of an Engineering Science course were approved in principle, and the curriculum for the first year was adopted. Twenty students are enrolled in the first year in 1954-55.

A new Honors Course (English and German), at the suggestion of the Ontario Department of Education, which has approved it for a Type A (Specialist) Certificate in English and German.

A revision of the Honors Mathematics courses to permit a wider choice of options than was formerly possible in the field of Mathematics. A common core is still required, as well as a sequence of courses for intensive study.

A revision of Honors Philosophy, after a good deal of debate from the Senate members who decided to require Mediaeval Philosophy and Philosophy of Religion in addition to other prescribed Philosophy courses.

A broadening of the options in the Honors History course to permit the inclusion of Russian History, partly for the sake of those who may be interested in the Department of External Affairs and in the study of the Russian language.

A lightening of the load in Honors English and Philosophy (Courses A and B), after the Department of Education had agreed to the change in Course B, which concerns the Department because it leads to a Type A certificate in English.

The Faculty of Graduate Studies recommended a revision of the LL.B. Course, resulting in the LL.M. degree instead of the LL.B., and the Senate approved the recommendation.

The Faculty of Medicine recommended the increase of the representation of the Associate Faculty from three to four, on the Faculty Council of Medicine. The Senate approved.

It also approved the recommendation to accept as the minimum passing-standard in each year of the Medical Course a grade of fifty per cent

in each subject, with an average of 60% after the supplementals in which no student is to be permitted to attempt to clear more than two conditions in any year of the course.

The School of Nursing Advisory Committee recommended a change in nomenclature from Certificate of Public Health Nursing to Diploma in Public Health Nursing, and a change from Certificate of Instructor in Nursing to Diploma in Nursing Education. The Senate approved, and also decided that the term certificate should be used throughout the University to designate a course of less than one academic year's duration.

It also recommended a change in admission requirements for the Diploma courses, making it acceptable to present any High School graduation diploma or no High School Diploma, providing Hospital results and the results of Registered Nurses' examinations are satisfactory to the Dean of the School of Nursing. Applicants for admission to Diploma courses are Adult Special students who may be admitted in that category, the Senate decided.

For admission to the degree courses in Nursing requirements are unchanged.

Waterloo College applied for permission to offer the General Course with Secretarial Science options leading to the B. A. degree, and after considerable consultation with the Head of the Department of Secretarial Science in University College concerning Faculty, equipment, facilities and standards, permission was granted by the Senate.

At the June meeting, congratulations were offered to Dean Brown, President Hall and Monsignor McCarthy on recent honors conferred on them.

During the year three Convocations were held, the 161st, 162nd and 163rd in the University's history. At these Convocations 709 degrees were conferred and 123 diplomas awarded (11 Honorary degrees, 65 postgraduate, 61 M.D., 24 B.Sc.N., 32 B.Sc., 4 B.D. and 512 B.A. - including 77 from the School of Business Administration, along with 67 Nursing diplomas, 19 diplomas in Business Administration, 1 in Journalism and 36 in Music). Total for the year: 832. (See Appendix E)

The Convocation Committee recommended, and it was approved by the Senate, that Ph.D. recipients be given special attention at Convocation, in the form of (1) a brief academic citation, to be read by the Dean of Graduate Studies, (2) the wearing of Ph.D. hoods provided for their use during and after Convocation, returnable after the end of the ceremonies.

The thanks of the Senate are overdue to the Chairman of the Convocations Committee, who is not a member of the Senate, but who might be asked to present his own report to the Senate occasionally so that the members may appreciate the work of his Committee.

The Committee on Educational Policy recommended to the Senate that there be no change in the number of separate examinations in languages in Grade XIII Department of Education examinations, i.e., that Composition and Literature continue to be examined separately.

That there be a statutory date for the annual conference of all colleges in the Faculty of Arts and Science, the Monday preceding the beginning of lectures each Fall.

That there be constant vigilance to ensure common marking-standards in examinations throughout the whole Faculty of Arts and Science, aided by the joint marking of one subject each year, under the direction and supervision of the Head of the Department involved. The Honors papers continue to be marked by University College Faculty-members.

That members of the affiliated colleges recognize the right of the University administration to approve or disapprove of academic appointments for work in University subjects.

That an attempt to limit hours of lecturing to twelve a week be made throughout the Faculty of Arts and Science.

The Senate accepted and approved the report of this Committee.

The Committee on Summer School and Extension Affairs recommended to the Senate that the zoning system for Extension lectures and tutorial classes be adopted in Southern Ontario. This University had 263 students enrolled in 1953-54 in territory which will be taken over by McMaster, Queen's and Toronto Universities. The Senate approved.

The Committee on Honorary Degrees recommended to the Senate the approval of the following honorary degrees which were conferred in the academic year 1953-54:

T. C. Davis, LL.D.	Elizabeth Laird, LL.D.
P. S. Dobson, LL.D.	Georges-Henri Lévesque, D.Litt.
Wallace K. Ferguson, D. Litt.	Ellis H. Morrow, LL.D.
Douglas B. Greig, LL.D.	Sigmund Samuel, LL.D.
Richard G. Ivey, LL.D.	William Sanford Turner, LL.D.
Harold R. Kingston, LL.D.	

All electing or appointing bodies were notified last winter that a new term of office would begin on June 4, 1954, and the following new members came into office either at that time or earlier in 1953-54:

<u>Member</u>	<u>Replacing</u>	<u>Constituency</u>
Mr. W. A. Dixon	Mr. Harold Cosens	Perth County Council
Mother M. Dominica	Mother Ignatius Loyola	Ursuline College Faculty
Prof. N. C. Hart	Prof. J. W. Burns	University College Faculty
Mr. J. C. Herbert	Mr. Wm. G. Rae	Waterloo College Alumni
Dr. Cecil Hoffman	Dr. C. A. Harris	Faculty of the School of Nursing
Dean F. W. P. Jones	Dean Lloyd Sipherd	Faculty of the School of Business Administration.
Alderman S. M. McLennan	Alderman F. L. Dreger	Kitchener City Council

<u>Member</u>	<u>Replacing</u>	<u>Constituency</u>
Mr. A. H. McQuarrie	Mr. S. E. McGorman (deceased)	Essex County Council
Dr. Glenn Sawyer	Dr. Clare Sanborn	Medical Alumni
Mrs. Steele Sifton	Dr. P. S. Dobson	Faculty of Alma College
Mrs. W. Marshall Smith	Dr. E. Loughlin	Ursuline College Alumni
Dr. G. W. Stavraký	Dr. Murray Barr	Medical Faculty Council
Prof. R. W. Torrens	Prof. R. B. Liddy	Faculty of University College
Col. D. B. Weldon	Mr. W. L. Duffield	University Board of Governors
Prof. J. J. Wettlaufer		Alumni of the School of Business Administration.

Other former members continued to act until replaced.

Senate members of the legal profession acted on the LL.M. Committee, but during 1953-54 none of the other non-University members were appointed to committees, or were asked to make reports. It might be interesting to have the Secondary School Principals, who are members of the Senate, report on some phase of secondary school education. There are six of them in the Senate at the present time, out of a total membership of sixty-six, twenty-seven of whom belong to the University's Faculty or Board of Governors.

THE REGISTRAR'S DEPARTMENT

Report of the Registrar - Helen M. B. Allison

The summary of registration for the whole University is presented in Appendix A. A total of 2465 men and 1160 women were enrolled for the academic session 1953-54. This total of 3625 represents a decrease from 1952-53 of 1081 students reflecting the withdrawal from affiliation of Assumption College. If the Assumption enrollment is subtracted from the 1952-53 figures there is an increase in the 1953-54 enrollment of 111 full-time students. A loss in University College registration is to be noted in the Summer School and Extension Department due to the fact that university work is no longer required for Elementary Teaching Certificates.

Of the 3625 students, 2262 come from the fourteen charter counties of Western Ontario. Another 1124 come from the other parts of Ontario. The other nine provinces of Canada are well represented by 170 students distributed as follows: Alberta, 20; British Columbia, 13; Manitoba, 14; New Brunswick, 11; Newfoundland, 1; Nova Scotia, 10; Prince Edward Island, 3; Quebec, 60; Saskatchewan, 38. From other parts of the British Commonwealth came 13 students; from the United States, 26, and from other foreign countries, 30.

The occupation of the students' parents is always of interest. This year again the percentage of students coming from farms (15.7%) constitutes the largest single group. The complete table is presented as Appendix B.

The 3625 students belong to 28 different religious denominations (Appendix C), 36% United Church, 19% Anglican, 16% Roman Catholic, 4.2% Lutheran and 3.9% Baptist.

Within the Faculty of Arts and Science, 58% of the full-time students were registered in general (pass) courses. The remainder (42%) were enrolled in honours courses of which there are 23.

A rather extensive study has been made of academic failures within the University. Over a ten-year period, the percentages of students who clear all of their work at the Final Examinations without benefit of Supplemental Examinations has remained strikingly constant. In the Faculty of Arts and Science the percentages have varied only from 73.7 to 76. Within the School of Business Administration the variations have been from 87.2% to 93.9%, within the Faculty of Graduate Studies from 89.9% to 97.4%, within the Faculty of Medicine from 85.7% to 94.7% and within the School of Nursing from 92.3% to 100%. In the whole University the percentages of students clearing all of their Final Examinations (without benefit of supplementals) in 1943-44 was 75.45% and in 1953-54 it was 75.54%. It must be remembered that these percentages are improved each year by the students who clear their records at the supplemental examinations. In the year under review (1953-54) 3623 (of the 3625 total registration) students wrote their examinations and 2737 (75.54%) passed all of their exams at the first attempt. 324 students (8.9%) subsequently passed all of their supplemental examinations so that 3061 (84.5%) cleared their academic work. The details of the examination results are shown in Appendix D.

With reference to failures among the freshmen in University College, records were prepared in an attempt to trace the causes. The pertinent data recorded included the length of time spent in secondary school, the name of the school, the scores of the College Aptitude Test for Freshmen, the secondary school grades, the university grades in the comparable subjects, the home addresses (so that it was apparent whether the student lived at home, in a boarding house or in a residence). It was determined that as a group they were not below average in health and none of the group missed much time on account of illness.

There were only 48 students in the freshman class who failed to pass all of their examinations at the first attempt. Seven of the 48 were able to salvage their year's work with successful supplementals and Summer School study. Thus there were only 41 academic failures in the whole freshman class in University College. A few others withdrew before the final examinations but the failure rate among the freshmen in University College was not higher than 10% in 1953-54.

This study showed that it was impossible, in the Fall of 1953, to predict the failures of these students. It suggested too, that there was a close relationship between standing in Grade XIII English and success or failure in University, although this relationship seems to apply only in the negative; i.e., poor grades in Grade XIII English almost ensure failure in College, but good grades in High School English seem to have little to do with success in college work, as judged by this group, many of whom had ability but very poor study habits.

A survey covering the years from 1878 to 1953 of graduations and withdrawals in the Faculty of Arts and Science shows from University College intramural classes, one of the lowest withdrawal records on the continent. Statistics issued by the Department of Education of Ontario indicate that of two students entering college intramurally (out of 100 who began elementary education) only one finishes. University College has 6,868 graduates with Arts or Science degrees and only 2,723 withdrawals from the full-time student group -- made up of 946 failures and 1,777 withdrawals for other causes. This is a remarkable record!

Many other statistical studies are being conducted by the Registrar's Department.

OFFICE OF THE COMPTROLLER

Report of the Comptroller - R. B. Willis

Submitted herewith are some of the highlights of the financial operations of the University during the year ending 30th June, 1954, taken from the Auditors' Report and Financial Statements presented to the Board of Governors. This type of presentation, utilized last year for the first time, is being repeated because of the interest expressed in the review of the University's operations for the year ending 30th June, 1953, which appeared in the President's Report for that period.

The Year's Operations

The operations for the year resulted in a net excess of revenue over expenditure of \$10,644.41. This may be compared with the following net operating results in recent years:-

<u>Years ending 30th June</u>	<u>Net Operating Results</u>
1953	\$ 9,764.58 Surplus
1952	17,196.58 Surplus
1951	39,691.85 Deficit
1950	26,915.83 Deficit

The operating statement includes, as in recent years:-

- (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 such research conducted on behalf of outside foundations, etc.

For the year ending 30th June, 1954, such research expenditures totalled \$553,360.81, 27.4% of the University's operating expenditures on all other activities. Comparative expenditures on research in recent years have been as follows:-

1952-53	-	\$ 547,474.37
1951-52	-	581,528.71
1950-51	-	395,371.75
1949-50	-	288,637.70

The distribution of research expenditures within the faculties and schools, etc. of the University from outside grants-in-aid and contracts for the year ended 30th June, 1954 was as follows:-

Faculty of Medicine	\$ 426,076.25
University College	115,741.70
Museums	2,483.21
School of Business Administration	9,059.65
	<hr/>
	\$ 553,360.81
	<hr/> <hr/>

\$13,707.14 was received as reimbursement toward the indirect costs incurred by the University in the operation of the above-mentioned research projects, etc. during the year under review. This represented 2.48% of the total expenditures on research shown in the operating statement.

Distribution of Revenue and Expenditure

Exclusive of amounts applied from research grants and contracts, total current revenue for the year was \$2,030,609.48, an increase of \$229,065.86. Tuition income amounted to \$792,370.15, 39.02% of this total compared with 38.73% in 1952-53. Intramural fee schedules for the year were \$25.00 higher in each category than in the previous year.

Set out below is a schedule showing the comparative distribution of revenue and expenditure for 1952-53 and 1953-54.

Comparative Distribution of Revenue and Expenditure

<u>Revenue</u>		1953-54	1952-53
		% of Total	% of Total
1. Student Fees	\$ 792,370.15	39.02	38.73
2. Investment Income (General)	22,955.07	1.13	1.07
3. Government Grants - Current	989,915.05	48.76	49.81
4. Other Grants and Gifts	67,555.57	3.33	1.94
5. Other Revenue - Sundries	66,052.38	3.25	3.46
6. Athletics	91,293.81	4.50	4.93
7. Auxiliary Enterprises	467.45	.01	.06
	\$2,030,609.48	100.00%	100.00%
8. Research Funds - Amounts			
Credited to Cover Expenditures	553,360.81		
	<u>\$2,583,970.29</u>		

Expenditure

	<u>1953-54</u>	<u>1953-54</u> <u>% of Total</u>	<u>1952-53</u> <u>% of Total</u>
1. Administration	\$ 94,412.46	3.67	3.68
2. Instruction and Research	1,824,985.37	70.91	70.39
3. Operation and Maintenance of Physical Plant	295,043.93	11.47	12.12
4. Scholarships, Prizes, etc.	18,357.94	.71	.49
5. General, including Retirement Costs	188,256.38	7.32	8.16
6. Auxiliary Enterprises	10,173.73	.40	.35
7. Athletics.	104,771.61	4.07	4.40
8. Building Alterations, etc.	37,324.46	1.45	.41
	<u>\$2,573,325.88</u>	<u>100.00%</u>	<u>100.00%</u>
Operating Surplus for Year	10,644.41		
	<u>\$2,583,970.29</u>		

Grants and Gifts

As the President's Report (Appendix E) will contain a detailed list, the grants and gifts received during the year for student aid, research, etc., are not duplicated in this memorandum. A noteworthy grant during the year, however, was one of \$25,000.00 by the Atkinson Charitable Foundation for the purchase and installation of an electron microscope. Mention also should be made of a bequest with a market value in excess of \$12,500.00 received from the Estate of the late George Williamson Young, allocated by resolution of the Board to endow an admission scholarship as a memorial to the late Mr. Young.

The current maintenance grant of the Province of Ontario was increased for the Provincial fiscal year commencing 1st April, 1954 to \$675,000.00 per annum from \$625,000.00, and the increase applicable to the quarter ending 30th June, 1954 has been reflected in the attached operating statement. The City of London continued its generous maintenance grant at \$75,000.00 during the period under review.

In March, 1954, the Government of Ontario once again made generous capital grants to the universities of Ontario and this institution received \$525,000.00 in this connection, the same amount as received in 1953. By resolution of the Board of Governors, the amount was placed in the University Building Fund.

The third annual grant of the Government of Canada for current maintenance was received during the year in the amount of \$277,415.05. This assistance, as stated on previous occasions, has been most significant in the operations of the institutions of higher learning in Canada.

Building Fund

With the application of the \$525,000.00 mentioned above, and additional County and other subscriptions, the grand total of the University Building Fund as of 30th June, 1954 exceeded \$3,555,000.00, substantially more than the \$2,500,000.00 original objective established in 1945 for the ten-year period of the campaign.

Physical Plant

The year 1953-54 saw the virtual completion of the much-needed addition to the General Library, which has roughly doubled the existing stack capacity of that structure. The addition as well has added carrels for graduate study, and much-needed space for the housing of the University's valuable Western Ontario Regional History Collection. The total cost of the addition, one of the original projects of the University Building Fund, and financed from it, will be slightly less than \$215,000.00.

In the spring of 1954, the construction of a relatively small administration building (Stevenson Hall), planned so that later expansion of the general offices might be carried out easily, was commenced. This project was undertaken not as a means of providing separate facilities for the University's administration, but rather to remove those offices from University College where they had been housed in valuable academic space, and to permit the conversion of that space for classroom purposes and faculty offices. The space vacated in University College will provide more than 265 classroom and laboratory seats, and 14 faculty offices.

Stevenson Hall will be completed, it is hoped, early in the calendar year 1955. To permit adaptation for the academic year 1954-55 of the space formerly occupied by the administration, all but one of the offices concerned have been moved to temporary quarters in other buildings.

A substantial portion of the cost of Stevenson Hall has been provided through a specific bequest contained in the will of the late Dr. W. J. Stevenson, with the balance from the University Building Fund. The total cost of the project, including the alterations involved within University College, will be less than \$300,000.00.

In order to provide proper snack bar facilities in the Faculty of Medicine for the first time, alterations were undertaken at the end of the year in that connection to the basement of that building. The new Snack Bar, seating slightly over 100, will be available for use by the opening of the 1954-55 session.

Current Funds Balance Sheet

In June, 1954, an analysis of capital expenditures provided from current funds for the period prior to 1945 was carried out in conjunction with the University's auditors. The study disclosed that such expenditures were substantially in excess of the amount being carried in the Current Funds Balance Sheet as "Accumulated Current Funds Deficit". Accordingly, this account, standing at \$282,976.16 as of 30th June, 1954, has been redesignated "Due From Plant Funds", which is regarded as a more appropriate name.

By authority of the Finance Committee of the Board, operations for the year have been charged with a reserve for replacement of buildings of 1% of the original cost of structures as of 30th June, 1954. It is the intention of the Finance Committee that this policy, to the extent operations will permit, will be followed in future years.

Conclusion

The year ending 30th June, 1954 was one of further strengthening of the University's financial position and of preparation for the influx of students to be anticipated before the end of the present decade. It is hoped that the policies initiated within the past few years with reference to the University's finances may be continued and that, through these and other measures, the institution may be enabled to discharge the obligations which it must assume as one of the leading institutions of higher learning in the Dominion.

FACULTY OF GRADUATE STUDIES

Report of the Dean - R. A. Allen

In June 1949 the University conferred its first degree of Doctor of Philosophy, on Kenneth Kitchener Carroll. In the five years since that convocation the Ph.D. degree has been awarded to 41 students from 13 departments, Bacteriology and Immunology, Biochemistry, Biophysics, Chemistry, Medical Research, Pathology, Pathological Chemistry, Pharmacology, Physics, Physiology, Zoology. There have also been granted in that period 124 Master of Science degrees, 76 Master of Arts, 55 Master of Business Administration, 1 Bachelor of Laws, 1 Master of Laws and 1 Master of Clinical Science.

The registration in the Faculty of Graduate Studies in 1953-54 was 197 students, 77 in Arts and Science, 86 in Business Administration, 34 in the Medical Sciences. This was the largest registration since the peak year of the veterans in 1950-1951 (206) and the second largest in the history of the University. The distribution of students showed a small decrease in Arts and Science (3), in the Medical Sciences (6), and an increase of 20 in Business Administration. It is gratifying that an increasing number of students in Business Administration are taking the full two year course and qualifying for the M.B.A.

During the past year the Faculty gave serious thought to the most desirable form of the Ph.D. examination. It was felt that this should be more than a departmental or even divisional examination, that the candidate should be seen and heard not only by the specialists in his own field but by an examining board representative of the whole University. It was decided that the final examination for the Ph.D. should be conducted in two parts, the first to be an examination by specialists on the technical aspects of the candidate's research, the second to be an examination conducted by a

representative University board, and which all members of the Faculty would be invited to attend. "At this examination the candidate will be required to explain in non-technical language the general nature of his research, the contribution which he believes it has made to the knowledge of his subject, and its relation to other departments and disciplines."

The new type of examination will become effective officially in 1955. In May 1954, however, two candidates in Physics, Mr. Davis and Mr. Fraser, agreed to take the examination on an unofficial and experimental basis for the guidance of the faculty next year. Both candidates did well and the general feeling was that the experiment was a success. On the one hand such an examination gives all departments an opportunity to see and assess the candidates from other departments, on the other hand it gives the student the satisfaction of having been examined by the highest examining board of his university. Finally, every specialist should be required to make himself and his work intelligible to non-specialists.

Registration in the Faculty of Graduate Studies 1953-1954

Arts and Science

Chemistry	11
Economics	2
English	4
French	1
Geography	4
Geology	2
German	3
History	3
Journalism	2
Law	2
Mathematics	1
Philosophy	3
Physics	19
Psychology	12
Zoology	8

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77

Medical Sciences

Bacteriology	3
Biochemistry	8
Biophysics	6
Medical Research	2
Microscopic	
Anatomy	1
Pathological	
Chemistry	4
Physiology	6
Preventive	
Medicine	1
Radiology	1
Surgery	1

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34

Business Administration 86

Degrees Conferred October 1953 and June 1954

Ph.D.	11	1	Bacteriology and Immunology
		2	Biochemistry
		1	Biochemistry and Bacteriology
		1	Chemistry
		1	Medical Research
		1	Pathological Chemistry
		1	Physiology
		3	Physics
LL.M.	1	1	Law
M.A.	14	1	English
		1	French
		1	Geology
		1	German
		1	German and French
		1	Philosophy
		8	Psychology
M.B.A.	19	19	Business Administration
M.Cl.Sc.	1	1	Surgery
M.Sc.	18	2	Biochemistry
		5	Chemistry
		1	Geology
		2	Medical Research
		1	Pharmacology
		2	Physics
		1	Physiology
		4	Zoology

FACULTY OF MEDICINE

Report of the Dean - J. B. Collip

Constant improvement is being effected in the teaching programme not only at the undergraduate level but at the graduate level also. Co-ordination and integration of lectures, demonstrations and laboratory work between departments has been in effect for some years now and is being expanded again in the planning of a common laboratory for Biochemistry, Pharmacology and Physiology.

The graduate seminars and special courses have had an important influence on the graduate students in broadening their understanding and appreciation of fields of medical science beyond those in which they are working.

Although a detailed list is appended of the research problems supported by outside grants-in-aid of research, it should be pointed out that many additional problems are under investigation which are not supported in that way. The results of the research activities of the many members of the Faculty have brought much credit to the University and distinction to many individual staff members. Such major contributions to knowledge combined with the effectiveness of the teaching of our students has gained for the Faculty a splendid reputation in the realm of medical education.

The members of the Faculty appreciate the continuing cooperation, understanding and assistance received from the Superintendents of the teaching hospitals. The Hospitals and the Medical School are mutually helpful and it is a real pleasure to acknowledge our debt to Victoria Hospital, St. Joseph's Hospital, Westminster Hospital, The Beck Memorial Sanatorium, Bethesda Hospital, Parkwood Hospital, The Ontario Hospital, and to those many individuals in these and other health organizations who have provided facilities and personnel for our teaching programme.

At a meeting of the Medical Council of Canada held September 14, 1953, a special examination in paediatrics was suggested but was rejected by the Medical Council of Canada. An increase in the fees for students writing the Medical Councils was put in force so that the fees are now \$100. A conjoined examination in obstetrics and gynaecology with the Medical Council of Canada examination eliminated a separate school oral in obstetrics and gynaecology this year.

The Council of the Faculty was sympathetic to the request of the associate faculty in their desire to participate more actively in the affairs of Faculty and to be informed of Faculty business. However, general faculty meetings which they advocated have not been implemented. Departmental staff meetings have been held at policy level and this suggested method of organization appears to be progressing favourably.

The question of inviting Victoria Hospital junior internes to the Medical School Seminars was discussed and it was felt that any internes would be welcome to attend.

Assistant Dean G. E. Hobbs attended the first World Conference on Medical Education in London, England, in August, 1953. He felt that the discussions on selection of medical students were most pertinent. Studies in England had shown that intelligence tests were of little use in the selection of medical students, and it was the feeling that there was no policy yet devised which was of any help. The use of personal interviews was discussed at length at this Conference, and the general feeling was that as a routine procedure it had little to offer. The matter was discussed by the Council of the Faculty and the question was raised concerning the possibility of identifying certain psychologically abnormal people. It was felt that this could best be done by some type of limited referral system which should not be on the basis of academic marks alone.

Professor R. J. Rossiter reported on the activities of the Teaching Institute of the Association of American Medical Colleges on Physiology, Pharmacology and Biochemistry, held in Atlantic City in October, 1953. Most of the people attending the meeting were decidedly lukewarm towards the newer mechanical techniques of instruction.

An electron microscope has been installed in the Medical School building, through funds from the Atkinson Foundation. Dr. C. F. Robinow of the Department of Bacteriology and Immunology, and Dr. C. L. Hannay of the Science Service Laboratory, are using it extensively.

It was suggested that the Department of Anaesthesia make arrangements, through cooperation with the Department of Surgery, for students to be available and obtain practical experience in the giving of anaesthetics.

At a meeting of the Department of Medicine held November 20, 1953, it was recommended that study be given to the provision of a second year of training for general practice. In May, 1954, Professor F. S. Brien reported that he had explored the possibility and that it was not feasible to establish such a scheme in Victoria Hospital at the present time. The available training facilities are almost entirely utilized by the present internes who are in training for a specialty. Professor Brien pointed out that St. Joseph's Hospital has initiated a second year general practitioner course, and Dr. C. C. Ross, who trains some of these students at Westminster Hospital, indicated that he thought that the course was running satisfactorily.

The Subdepartment of Physical Medicine was changed to the Subdepartment of Physical Medicine and Rehabilitation, as Professor T. H. Coffey stated that the general tendency in departments similar to his department was to include Rehabilitation in the title and thus prevent the demand for multiplying departments.

At a meeting of the Associate Faculty held December 7th, 1953, a subcommittee was appointed to discuss curriculum. The basic science curriculum committee met several times to discuss the recommendations of the committee on curriculum of the associate faculty.

The College of Physicians and Surgeons of Ontario once again made their annual grant for the book fund of the medical library.

Mr. A. C. Bricault and Mr. T. A. Fishbourne, Unemployment Insurance Commission, Ottawa, came to London on March 24th, 1954, to discuss the possibility of a four to five week course in Rehabilitation and Employment Counselling for employees of that branch and others nominated by various Government departments to be held at The University of Western Ontario, in May and June, 1954. The matter had been previously discussed with Dr. G. E. Hall and Dr. S. F. Maine. The Department of Physical Medicine and Rehabilitation was pleased to sponsor such a course and supply coordination and professional personnel, many of whom were from other centres. The Extension Department of the University handled the administrative aspects of the course.

A copy of a letter, dated March 18th, 1954, from Dean J. A. MacFarlane, Faculty of Medicine, The University of Toronto, to The Honourable Mackinnon Phillips, Minister of Health, Toronto, making certain proposals on behalf of the teaching hospitals of the Faculty of Medicine of The University of Toronto regarding the need for training centres for rehabilitation personnel, is under discussion here.

The report of the Ad Hoc Committee on full time clinical appointments was approved by the Board of Governors of the University, December 17th, 1953, subject to the discussion of its contents with the Victoria Hospital Joint Relations Committee. The implementation of the recommendations from the point of view of mechanics, etc., is entrusted to the Faculty of Medicine Committee of the Board with the hope that the plan can be in operation not later than July 1st, 1954.

The desire of St. Joseph's Hospital to appoint to the staff a qualified Neurosurgeon was noted. The University has been opposed to having paediatrics taught at St. Joseph's Hospital because there is the War Memorial Children's Hospital in London.

Approval has been given to set up an adequate Snack Bar in the Medical School. The Supply Room will change places with the present Snack Bar and Book Room. The Hippocratic Society Office is being moved, leaving the Hippocratic Society Room available for a Faculty Dining Room. The Book Room is being moved to the east end of the men's Common Room in the basement. The Library is being provided with space in the old Carpenter Shop.

For the first time two Lederle Medical Student Research Fellowships are being awarded for the employment in the summer of undergraduate students in basic science departments.

Dr. R. C. Buck, Senior Research Fellow in Anatomy, was promoted to Assistant Professor of Microscopic Anatomy; Dr. A. C. Wallace from Lecturer in Medical Research to Assistant Professor of Medical Research; Dr. J. C. Rathbun from Instructor in Paediatrics, Lecturer in Medical Research, to Assistant Professor of Paediatric Research, Lecturer in Medical Research; Dr. P. C. Fitz-James, Research Fellow in Bacteriology and Immunology to Assistant Professor of Bacteriology and Immunology and Lecturer in Biochemistry.

Dr. D. C. McFarlane, Professor and Head of the Department of Ophthalmology, Otology, Rhinology and Laryngology, passed away January 4th, 1954. He had been suffering for several years from a heart condition. Many times during his lifetime he received recognition for his ability as a brilliant and distinguished surgeon. His keen interest in athletic affairs manifested itself in both personal participation and promotion of athletic programmes.

Dr. A. B. Macallum, Research Professor of Biochemistry since 1947, and formerly Professor and Head of the Department of Biochemistry, as well as Dean of the Faculty of Medicine 1928 to 1934, retired June 30th, 1954, after many years of devoted service.

Dr. D. L. Bartelink, Professor and Head of the Department of Radiology for five years, retired June 30th, 1954. As of July 1, 1954, he took up a position as Research Professor of Radiological Anatomy within the framework of the Department of Anatomy.

Dr. L. G. Stevenson, Associate Professor of Medical History and Literature, Lecturer in Preventive Medicine, resigned June 30th, 1954, to accept an appointment at McGill University as Associate Professor of Medical History and Assistant Curator of the Osler Library.

Dr. N. B. G. Taylor, Assistant Professor of Medical Research resigned June 30th, 1954, to accept an appointment at the Defence Research Board Laboratories in Toronto.

Committees are being set up to discuss recommendations for professors in Radiology; Eye, Ear, Nose and Throat; and Anaesthesia.

A number of delegates from England and Europe to the International Physiological Congress held in Montreal in September, 1953, accepted our invitation to visit the Faculty of Medicine later. Dr. H. McIlwain, who is Reader in Biochemistry at the Institute of Psychiatry, Maudsley Hospital, British Postgraduate Federation, London, England, gave a special lecture September 9th, 1953, on the topic, "The Electrical Stimulation of Brain Metabolism". On September 14th, 1953, a special lecture on "The Effects of Cold on Human Efficiency" was given by Dr. Norman Humphrey Mackworth, Director of the Applied Psychology Research Unit of the Medical Research Council of Great Britain, Cambridge. On September 15th, 1953, the Professor and Head of the Department of Pharmacology at the University of Oxford, Dr. J. Harold Burn, delivered a special lecture on "The Action of Acetylcholine on the Cilia".

Professor Ulf Svante Hansson von Euler, Professor of Physiology at the Faculty of Medicine of the Karolinska Institute, Stockholm, Sweden, gave a special lecture on September 16th, 1953, using as his subject "Recent Work on Adrenaline and Noradrenaline". "The Effect of Fluoracetate on Intermediary Metabolism, with Special Reference to Brain Tissue" was discussed by Sir Rudolph Peters, Whitley Professor of Biochemistry, University of Oxford, at a special lecture on September 17th, 1953.

Dr. W. D. M. Paton, Reader in Pharmacology and Therapeutics, University College and University College Hospital Medical School, London, England, gave a special lecture on "The Principles of Ganglionic Block" on September 18th, 1953. On October 7th, 1953, the Thirteenth Dr. F. R. Eccles Memorial Medical Alumni Lectureship was delivered by Dr. Isidore Snapper, Director of Medical Education, Beth-el Hospital, New York, on "The Importance of Medical Bone Diseases to the Practice of Medicine".

A special lecture was given on October 8th, 1953, by Dr. Audrey Ursula Smith, of the Medical Research Council of the United Kingdom, who spoke on "Survival of Spermatazoa at Low Temperatures". The Eighth John A. Macgregor Memorial Lecturer was Dr. W. A. D. Anderson, Professor of Pathology, Miami University School of Medicine, Miami, Florida, whose topic on October 19th, 1953, was "Hyperparathyroidism and its Renal Complications". Professor Wilhelm Feldberg, Head of the Physiology and Pharmacology Laboratory, National Institute for Medical Research, London, England, gave a lecture on "Central Ganglionic Transmission" on November 5th, 1953. Dr. Louis B. Jaques, Professor and Head, Department of Physiology, University of Saskatchewan, gave a seminar November 6th, 1953, on "Blood Clotting Mechanisms". A special lecture was given on March 5th, 1954, by Dr. Gustav Asboe-Hansen, Director of the Laboratory for Connective Tissue Research, University Institute of Medical Anatomy, Copenhagen, Denmark, who discussed "Hormonal Effects upon Connective Tissues".

FACULTY OF ARTS AND SCIENCE

Report of the Dean - F. Stiling

The Educational Policy Committee of the Senate discussed the examination system in the Faculty of Arts and Science and the continued maintenance of a common standard among the colleges. Although it was considered undesirable and impractical to centralize the marking of all examination papers, it was agreed that each year one paper would be marked by a committee consisting of representatives from all the colleges. In the spring of 1954 the English 20 paper was marked at University College by representatives of St. Peter's, University, Ursuline, and Waterloo Colleges. This experience not only ensured a common standard but gave the representatives opportunity for the exchange of opinions and ideas about the course in English 20 and others offered by the same department.

The continued vigour of the affiliated colleges was once more demonstrated during this year. At Waterloo College the construction of the new lecture and administration building was completed. The authorities of St. Peter's College announced that a new arts college would be erected, which would provide residential accommodation, lecture rooms and administrative offices. This expansion of the colleges will help the University to meet the demands of greatly increased registration expected in 1958.

UNIVERSITY COLLEGE

Report of the Principal - F. Stiling

For the past three or four years committees of the faculty of University College have been critically examining the curriculum and during the year under review some of these committees completed their investigations. The faculty discussed the recommendations, slightly modified them, and sent them to the Senate which approved them. One of the recommendations was that Junior Groups 2, 3, and 4 be eliminated, and that in their place a new Junior Group 2 be approved. From this new junior group students may proceed to general and honours degrees in the humanities and social sciences. The new programme includes required and optional courses. Though the student's choices will be partly determined by his academic goal, the required subjects will ensure a broad grounding in basic subjects.

This same principle of breadth was considered in organizing the new senior group leading to a general arts degree. The student who successfully completes a junior group may have a wide range of choice in his second and third years. This selection will include courses from each of the divisions: the humanities, the social and the natural sciences. Breadth alone is unsatisfactory and to prevent a "grab-bag" education, the student will complete a major and a minor in two different divisions. This concentration of three courses in one subject and two courses in another subject will provide the depth essential for a satisfactory education. In other words, the new senior group, along with one of the two junior groups, will provide a good general education and at the same time some intensive scholarship.

During this year the new department of Engineering Science was established. Professor Lauchland, formerly of the School of Practical Science in the University of Toronto, was appointed Head of the new department and Mr. Poucher, who holds a master's degree from the Imperial College, London, was selected as an instructor. Professor Lauchland presented to the faculty his proposed course for the first-year of Engineering Science; this was recommended to the Senate and approved by it. The Senate also approved in principle the establishment of a two-year course in this department.

In the report for 1952-53, the obsolescent and inadequate physical accommodation for the Biological Sciences was mentioned. Professor Hart, Head of the Department of Botany, makes the following observations:

"It might be emphasized that additional greenhouse facilities are required if classes in plant physiology and phytopathology are to be accommodated satisfactorily. Another greenhouse of ample dimensions is required in the University to make adequate use of Mr. Johannesen's qualifications in plant culture and genetics."

Professor Hart also suggests that a serious attempt should be made to add many shrubs and trees to the University campus, all of which should be identified and labelled.

SCHOOL OF NURSING

Report of the Dean - Edith McDowell

At the June Convocation 1954, 23 degrees Bachelor of Science in Nursing were granted; 43 certificates in Public Health Nursing, and 24 Certificates of Instructor in Nursing were conferred.

ENROLLMENT:

Public Health Nursing (for Certificate)	43
Teaching and Supervision (for Certificate)	24
Psychiatric Nursing	
(September-December 1953)	15
(January-April 1954)	17
Bachelor of Science in Nursing (Program B)	5
Bachelor of Science in Nursing (Program A)	
1st Year	17
2nd Year	10
3rd Year	17
4th Year	15
5th Year	18

ADVISORY COMMITTEE:

Convening in May 1954 the Advisory Committee made the following recommendations for Senate approval:

1. That a Diploma in Public Health Nursing be the appropriate recognition of satisfactory completion of the requirements of the Program - Public Health Nursing - covering one academic year, thus replacing the Certificate of Public Health Nursing heretofore granted by Senate.
2. That a Diploma in Nursing Education be the appropriate recognition of satisfactory completion of requirements of the Program - Nursing Education (Teaching and Supervision) - covering one academic year, thus replacing the Certificate of Instructor in Nursing heretofore granted by Senate.

At its meeting on June 5, 1954, Senate approved these two recommendations.

WORK AND FIELD WORK CONFERENCES:

Increased enrollment in the program - Public Health Nursing, necessitated cooperative planning with agencies whose fields we had not used previously for Field Work.

In addition, we have been able to greatly extend and enrich supervised student field work in generalized and specialized agencies.

We have followed the usual practice of holding field work conferences with administrative, supervisory and educational personnel in field work agencies, thus strengthening materially professional relationships with the School.

It would be difficult here to list all of the agencies and individuals who contribute to student development through field work. Individual letters of thanks go forward to each of them at the close of the academic year, but a note of appreciation to all of them is in order in this report. Particularly we would wish to express appreciation to:

1. City of London Health Department, through Dr. C. A. Harris and Mrs. Mabel Hatcher.
2. The National Office of the Victorian Order of Nurses, through Miss M. Christine Livingston.
3. The London Branch of the Victorian Order of Nurses, through Miss Grace Versey.
4. The Provincial Department of Health, through Miss Edna Moore.
5. City of London Board of Education, through Dr. G. A. Wheable.
6. Department of Veterans' Affairs, Ottawa, through Miss Agnes McLeod.
7. Westminster Veterans' Hospital, through Dr. E. Fergusson and Miss M. MacLaren.
8. Victoria Hospital School of Nursing, through Dr. C. J. Kirk and Administrative, Supervisory and Teaching Staffs.
9. St. Joseph's Hospital, London, through Sister Mary Loyola and her Supervisory and Teaching Staffs.
10. Bethesda Hospital, through Major N. Jolly.
11. Beck Memorial Sanatorium, through Dr. Wm. C. Sharpe and Miss Mary Shortreed.
12. Parkwood Hospital, through Miss M. Wilson and her Administrative and Supervisory Staffs.

13. Ontario Society for Crippled Children, Woodeden Cerebral Palsy Center, through Dr. Coffey and Miss Marcellus.
14. The many city and county health departments and units, V.O.N. branches and hospitals within and beyond our University constituency.
15. The Association for Help of Retarded Children, through Mr. C. K. Allison and Gore School.

These and many other Service agencies have our sincere appreciation for the splendid cooperation which they provide.

WORK CONFERENCES:

At the request of the Department of Veterans' Affairs, Ottawa, a one-week conference was provided at Westminster Veterans' Hospital. Matrons of D.V.A. Hospitals across Canada attended.

During one day of that conference, we were fortunate to have with us Miss Lucy Germain, Nurse Administrator of Harper Hospital, Detroit. Miss Germain gave our conference members a resume of the very thorough and comprehensive study of hospital care which had been undertaken and completed at Harper Hospital.

SPECIAL PROJECTS:

The School was represented at a one-day meeting at the Ontario Department of Health for the purpose of assisting with revision of the present program for the preparation of Nursing Assistants.

The School of Nursing was represented at a one-day meeting convened at Ontario Hospital, St. Thomas, for the purpose of reviewing present affiliation programs in Psychiatric Nursing, for undergraduate student nurses.

A special committee is, at present, reviewing our own three months' program in Psychiatric Nursing for Registered Nurses. The Department of Veterans' Affairs has asked us to review this program with the following questions in mind:

1. Should the program be given once during the year for Registered Nurses and once during each year for Undergraduate Student Nurses?
2. Should the program for Registered Nurses be extended in time in order to include Experience in Ward Administration and Supervision?

A member of our faculty continued to provide lectures and demonstrations in Hospital Procedures for the students in third year of Medical School. A member of our faculty serves on the Bursary Committee of the Registered Nurses Association of Ontario for District No. 1.

At the request of the Canadian Hospital Association, 3 hours of lectures and leadership in group discussion were provided during a Work Conference of Hospital Administrators convened at Huron College during the month of June.

At the request of the Dominion Civil Service Commission, we provided Consultant Service at seven Review Boards during the year. We continued to fill requests from Hospital Schools for lectures to Senior students within their courses, Professional Opportunities.

Through the cooperation of Bethesda Hospital and with the guidance of Dr. Tew and his colleagues, we were able to provide two supervised clinics for each student in the two major programs for graduate nurses. A member of our faculty attended a two-week intensive program in Maternal Welfare, sponsored by the Ontario Department of Health, given by a specialist from Maternity Center, New York. This means that two members of our faculty have had advanced preparation, enabling them to provide additional instruction in the field of Maternal Health. We provided for the students in the two major programs for Graduate Nurses, one week of intensive instruction under the caption, "Preparation for Child Bearing".

The members of the staff are active in the many associations dealing with Public Health, Nursing Education and Community Health and Welfare.

SCHOOL OF BUSINESS ADMINISTRATION

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

Total undergraduate enrollment was approximately the same as the previous year. It is a pleasure to note, however, that in the graduate school there was a substantial increase in the classes of both years. The first year graduate group increased from fifty to seventy; the second year class jumped from fifteen to twenty-one. This increase has resulted in the fact that most of the popular courses are now taught in two sections -- one for undergraduate and the other for graduate students.

The staff have been mindful of the initial difficulties which face many students in changing to the case method of instruction. Consequently the staff successfully experimented with a special orientation programme for the third year undergraduates and first year graduate students. This immediately followed registration in September, 1953. The programme consisted of introductory talks of various sorts to equip students with the School schedule and full explanation of normal class procedure in the handling of assignments. During this interval, discussion groups were set up for the studying of a typical case. There was also keen discussion of the report grading system. At the same time the Students Relations Committee of the School planned activities of a social nature to acquaint students with one another.

The School continued to recognize the importance of fitting students into permanent jobs. Over four hundred interviews were conducted

by employers on the campus. These were conducted by over seventy employers. Prior to the actual recruiting, students had a series of lectures on choosing a job. Employers were provided with a personnel recruiting booklet prepared by a member of our staff, Mr. Neil Armstrong. Most of our students were placed through such a programme. Accounting and Marketing continued to attract the greatest number of graduates.

The research division continued as an active feature of the total school operation. Mrs. Patricia Nicholson supervised activities. Under her direction an increasing number of students did research for credit.

Our case programme which is an important division of our research activities made greater strides in 1953-54 than ever before. Mr. Gordon Pearce acted as case supervisor and for the first time we had an M.B.A. graduate who devoted his full time to office and field research on cases. As a result, our school programme in the coming year will be augmented greatly by the work completed. A total of Twenty-five new cases were collected and eleven older cases were re-written and brought up-to-date. An interesting experiment under Mr. Pearce was to have our second year graduate students in the field with a case research assignment for our Business Policy course.

During the past school year The Business Quarterly published Nos. 3 and 4 of Volume 18 and Nos. 1 and 2 of Volume 19. These included 23 articles of which 4 were contributed by members of the University. In comparison with other university publications this seems a very small proportion.

With the end of Volume 18, Professor Dwight Ladd handed over the editorship to Mr. Gordon Huson. As from the Volume 19 there has been introduced an Editorial, and this pointed out in the spring issue that the fall issue will mark the "coming of age" of The Business Quarterly as Volume 1, Number 1 of the Quarterly Review of Commerce appeared as a student publication in the fall of 1933. In those days the volume coincided with the school year and editors rarely lasted more than a single year. Amidst the wartime shortages of students, staff and paper and in the post-war scurry and bustle the Quarterly fell behind with some issues so that at present we are only in Volume 19. However, we hope to celebrate our "coming of age" with a fall issue with a new cover and new plans of publicity to increase circulation.

It should be pointed out that The Business Quarterly is no longer, as originally, a student publication but is a faculty responsibility. Provided that there is no charge of editorial expenses, its income from Advertising and subscriptions nearly balances its expenses of printing, postage and authors fees. It is, however, hoped to use a portion of the University grant as a means of advertising the Quarterly so as to increase its readership in business and academic circles. Not only will this increase its income, but should also increase the number of articles submitted and thereby raise its quality.

In future it is hoped to bring out the winter issue in December and the volumes will thus henceforward coincide with the calendar year, Number 1 of Volume 20 being the spring issue, appearing in March next.

A statistical breakdown of the Management Training class is shown below. The group was, again, held to the maximum set three years ago - 98 class members. The Admissions Committee had its usual difficult time in selecting from the list of qualified applicants. We were particularly pleased to have a larger number of French-speaking Canadians in the class. The class was visited by representatives from other universities and individuals interested in executive development. Marcel Belanger, Secretary of Laval's School of Business, was in the class during the first week and Professor Keith Weltmer of Kansas University during the final week.

The broad outline of the course was the same as in previous years. A greater proportion of time was spent in marketing. The experience with the study groups was good. The class members devoted the afternoon to individual study and recreation. Three Group Study sessions were held in the evenings.

The staff for the course, again, came from the Harvard Business School of Administration and the School of Business Administration, University of Western Ontario. Prof. N. H. Borden and Mr. Donald Clark were with us for the first time this year. Prof. Borden is President of the American Marketing Association; Mr. Clark has been teaching Administrative Practice at Harvard.

Huron College did an excellent job of housing the course members. The classroom in University College was furnished with two air conditioning units, as ventilation is difficult at that time of the year.

Statistics of Members Attending the 1954 Management Training Course

<u>Type of Business</u>		<u>Occupational</u>	
Petroleum	8	Sales	23
Electrical Goods Manufacturer	1	Production	19
Utilities	7	General Executive	10
Chemical Manufacturer	8	Accountant	5
Insurance	4	Finance	8
Metals Industry	5	Purchasing	5
Building Supplies	2	Operations	6
Foodstuff Manufacturer	4	Personnel	3
National Defence	2	Engineer	5
Retail Distribution	2	Office Manager	1
Transportation	4	Secretary-Treasurer	7
Mining	2	Military (Naval Officer)	2
Rubber	2	Credit Manager	2
Textiles and Leather	1	Comptroller	1
Accountants	2	Advertising	1
Automotive	2		
Banks	4		
Beverages	2		98
Communication	1		
Investment	3		
Marketing	2		
Heavy Industry	5		
Aircraft	2		
(Continued)			

<u>Type of Business</u>		<u>Geographical</u>	
Jobbers	3	Ontario	44
Metal Fabrication	5	Quebec	27
Printers and Photo Engravers	3	Alberta	13
Pulp and Paper	3	British Columbia	5
Education	1	Manitoba	3
Manufacturing (Misc.)	4	Brazil	2
Finance	1	Saudi Arabia	1
Contractors	2	Saskatchewan	1
Co-Ops	<u>1</u>	Venezuela	1
		U. S. A.	<u>1</u>
Total Members	98		
		Total Members	98

Summary - Educational Background, M. T. C. - 1954

Doctor of Philosophy	2
Chartered Accountants (C.A. or equal Degree)	7
University Arts & Science Degree (except Business)	9
University Engineering Degree (Chem., Mech., Elec., Min.)	21
University Business Degree	5
No Formal University Training	33
Some Formal University Training (No Degree)	16
Legal Training	1
Business College Training	<u>4</u>
	Total
	98

Age

30% between 40 - 45
 Average - 41.08
 Oldest Man - 51
 Youngest Man - 30

A two-week Sales Management Course was offered this year. The men were housed at Spencer Hall and took their lectures at the School of Business Administration. Fifty-five men were in attendance which represented our dormitory capacity. All class members were those occupying senior sales or advertising responsibilities. While most of those attending came from the Province of Ontario, a good representation was present from Eastern and Western Canada. More than half had not previously attended a University. The case method of study was used and fields covered were market and product policy, the recruiting and direction of sales personnel, marketing research, cost control and advertising.

The teaching group was drawn from our own staff except for Dr. Martin Marshall of the Harvard School of Business Administration, who directed cases in the field of research. Those participating from the University of Western Ontario of Business were: Professors Jones, Thompson, Taylor and Wettlaufer.

The course was organized and directed by the School of Business Administration under the sponsorship of the Montreal Advertising and Sales Executive Club and Canadian Federation of Sales Executives.

This School supplied an instructor - Asst. Prof. W. R. Waugh, for a course of twelve sessions on "The Appreciation of Time Study and Methods Work as a Management Tool". The course was sponsored by the Galt Chapter of the Canadian Industrial Management Association. Enrollment was expected to be only forty persons, but a total of one hundred and fifty-eight enrolled and continued in the class.

This extra size necessitated two sessions of about eighty each which met on Tuesday and Thursday nights.

Labour was well represented with approximately fourteen union stewards, of whom it is interesting to note there were three women from a boot and shoe manufacturing plant. Over 70% of the students were financed by their companies.

A good representation came from the following municipalities: Galt, Preston, Hespeler, Brantford, Paris, Kitchener, Waterloo, Ayr, Woodstock, Guelph, St. George, Drumbo and Bright. Industries represented were: textiles, furniture, wood products, food manufacturing, metal fabricating, shoes, costume jewellery, foundry, abrasives, electronics, chemicals and plastics.

Of the group, eighty-nine persons signified their desire to take a final examination, which was fully backed by the C.I.M.A. Of this total only twelve failed.

It is interesting to note that this is the first attempt of the C.I.M.A. to launch an educational programme for its members. A similar course is under study for the coming year.

The School of Business Administration worked very closely with the General Alumni Director towards providing a programme which would be interesting to Business Alumni. During the fall of the year two clinics were conducted in connection with the Homecoming Weekend. One was in the field of business conditions and the other in marketing. During the second semester, all Business Alumni in Canada were mailed by Mr. Hartwell's office a special Business Alumni news letter. At the request of the London and district Business Alumni, Mr. Hartwell and the Staff of the Business School convened two cafeteria conferences in Fingal Hall to discuss current business problems. At the first one Prof. Taylor and Dr. Fox made presentations; at the second one, three discussion groups were set up to review the outlook in the fields of marketing, finance and accounting, production and personnel.

The School of Business Administration Committee selected from Canadian business by the Board of Governors of the University of Western Ontario, continued to serve the school admirably in an advisory capacity. During the year three meetings were held. The first was in September on the campus at which the school programme for the year was considered. In February, the group were invited to Harvard to discuss some of our problems with their group. Much of this meeting was directed to our Executive Development courses. A third meeting was held in the spring in Toronto, at which time progress reports were rendered on the Sales Management Course, Management Training Course and Case Research.

The resignations of three staff members of the School were regretfully accepted. Both Mrs. Patricia Nicholson and Mrs. Irene Johnson left the School to join their husbands. Miss Winnifred Beno resigned to take on increased responsibilities with Waterloo College. Leaves of absence were granted to Dr. E. G. Fox and Asst. Prof. D. W. Ladd. Our staff was augmented by Mr. John Nicholson and Mr. Peter Nixon. Mr. Nicholson came to us from Harvard and Mr. Nixon is a graduate of the school.

The staff were busy in many fields. Associate Dean Thompson continued as Director of our Management Training Course. He was Canadian Chairman of the Comite International de l'Organization Scientifique "Development of Marketing Policy". He also conducted a one-day conference on Communications with the Montreal Advertising and Sales Executive's Club, and continued to serve as Associate member of the Educational Committee of the National Sales Executive Association of New York City. During the summer he acted as Senior Consultant to the Canadian National Railways on their Executive Development programme.

Dr. Brant Bonner delivered Quality Control papers to the Master Brewers Association of America in St. Louis, October 1953; to the Windsor Quality Control group, February 1954; and to the Brewing Industry at their conference in April, 1954, where he also acted as a Conference Convener. He was a panel member of the Quality Control Forum at McMaster University in April, 1954. He served as a Director of the University of Western Ontario section of the American Society for Quality Control and was elected Vice-Chairman of the Brewing Industry Quality Control Board. A list of the articles he had published is at the end of this report. He was also responsible for the development of three pieces of equipment used in Quality Control work.

Professor Huson delivered papers to the Business Outlook Clinic of the School of Business Administration held on the campus. In November he took part in a panel discussion at the U.A.W.-C.I.O. Union Leadership Conference. In February he talked to the Supervisors Conference, Timken Roller Bearing Company on the subject of "The Problems of International Trade in 1954". During the same month he addressed the Local Council of Women, London Branch, on the subject of "How Can a Democratic Government Achieve Full Employment?" In the spring he appeared before an Adult Education Group, in London, speaking on "The Importance of NATO in Canadian Foreign Policy". Again in March, he spoke to the Canadian Institute of International Affairs, London Branch, on "The Meaning to Canada of the Randall Report".

Professor F. W. P. Jones appeared before the American Marketing Association in Toledo and the National Sales Executive Association in Toronto to head up a panel on the "Selection of Salesmen". To the Chemical Institute of Canada and to the Life Insurance Management Association, he gave a talk on Executive Development. "Opportunities for Profit" were presented by him to the Chartered Accountants Association in Hamilton and to the Provincial Conference of Purchasing Agents Association in London. He continued to act as a consultant to the United Co-Operatives of Ontario and addressed several of their groups on Management Problems. During the year he conducted a survey on the Districting of Canadian Sales Personnel. This is to be published during 1955.

Professor Taylor played a prominent part in both of our Executive Development Courses. He was a member of the staff of the Atlantic Summer School in Halifax. During the year he appeared before the Engineering Institute of Canada in London and the National Office Management Association in Sarnia. He served as a member of the Special Committee on Recruitment and Training of the Canadian Institute of Chartered Accountants. Professor Taylor also continued to serve as a special consultant to the Stanford Research Institute. His work here consisted primarily of the selection and Collection of Canadian statistics applicable to the projects of the Institute and reporting on Canadian practices in the general field of Taxation.

Professor John J. Wettlaufer participated in the Sales Management Course, in which he also acted as Assistant Director. During the year, he conducted a special course for supervisors at Sarnia, Ontario, in cooperation with the Sarnia Foremen's Club and the Y.M.C.A. He presented a series of lectures in Industrial Relations during the Hospital Administration Course, which was conducted on the campus by the School of Hospital Administration. Currently, he is working on a research project in the field of communications with the Steel Company of Canada.

Mr. W. R. Waugh acted again as Assistant Director of the Management Training Course and took part in the Canadian National Railways Executive Development programme. These are in addition to his special activities with the Galt Industrial Group.

ST. PETER'S SEMINARY COLLEGE OF ARTS

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

The current academic year brought a further development for St. Peter's with the announcement by His Excellency, Bishop Cody that a new Arts College building would be erected immediately. Up until the present, because of limited facilities, St. Peter's has been able to accept for registration in Arts only those students who are preparing for entrance to Theology.

The new building, construction of which is to begin in July, will make possible a much more diversified registration and afford residence for over one hundred men. Present plans indicate that it will be ready for occupancy in September, 1955. The teaching faculty of St. Peter's is to be enlarged and a much broader selection of courses offered.

While the residence facilities are intended principally for students registered at St. Peter's, it is foreseen that for a number of years at least, considerable accommodation will be available for University men of other colleges and faculties.

In his original announcement Bishop Cody pointed out that the new venture would round out the plan of university education under Catholic auspices in London envisaged by the late Bishop Fallon in 1919 when the first

affiliation agreements were approved by the University. For many years Ursuline College has offered residence and instruction for women students. Now a similar provision was being made for men. While the new College to be known as Christ the King College has been founded primarily to afford badly needed facilities for Catholic men attending University, it is to be at the disposal of all men in Arts who wish to register.

Christ the King College will not involve a new affiliation with the University; it is to be administered as a division of St. Peter's Seminary College of Arts, with the Right Reverend Thomas J. McCarthy, M.A., S.T.D., at present Vice-Rector of the Seminary, as resident Principal and Registrar.

As the scholastic year ended a well-deserved honour came to the Vice-Rector and Registrar, Rev. Dr. McCarthy, who was raised to the dignity of Domestic Prelate to His Holiness with the title of Rt. Rev. Monsignor.

Rev. Mark J. Wildgen, B.A., Ph.L., S.T.L., returned to the Staff in September 1953 and has been lecturing in Philosophy.

Rev. Joseph P. Finn, B.A., Ph.D., Diocesan Director of Education, joined the Staff this year as part time lecturer in Latin.

URSULINE COLLEGE

Report of the Dean - Mother St. James

A second summer school of theology, philosophy and scripture was active in 1953 at Ursuline College. Over thirty students followed the courses. Liturgical music in chant and directing was begun under a graduate of Manhattanville Institute of Pius X.

The Association of Teachers of Spanish and Portuguese was welcomed in October. Folksongs and dancing in a Latin-American Review were presented by girls from Panama, Colombia, Venezuela, Peru, Costa Rica, the Dominican Republic and Cuba. A room of South American souvenirs in weaving, silver, ivory, leather, carving and embroidery was shown. The London Council for Adult Education and, later, the McMaster Spanish Club made use of the Latin-American talent for programmes. Before Christmas the German Club enjoyed an evening arranged by Dr. Susanne Hilling of Ursuline Staff. St. Nikolaus and Knecht Ruprecht ended a charming entertainment. In May a Brescia Hall half hour on live television over CFPL "You Should Know" was a delight to Latinas and guests. The consul from Colombia came from Toronto for the occasion. A Christmas radio broadcast involved Ursuline students in production.

Paul de Marky, distinguished Hungarian pianist, gave at Ursuline College in February a stirring programme of classical to modern music in a

private performance. Dr. Karl Stern, Professor of Psychology in the University of Ottawa, gave an Ursuline-sponsored address in Convocation Hall on the subject of neuroses in our age.

A Thomistic symposium by students was held in March on the subject of freedom for the individual. This has become an annual event and evokes talents for thought and speech.

Mother St. Michael has done work during the year on a section of the Grolier Society production of the Encyclopaedia of Canada; she is also a member of the O.E.C.T.A. committee on the gifted child and a member of the American Catholic Sociological Association. She attended with great interest the International Psychological Congress in Montreal.

Mother Rosanna was elected a member of the executive council of the American Catholic Sociological Society which met in Cleveland in December.

Dr. Susanne Hilling gave a paper "Goethe as a Satirist" before the English branch of the Goethe Society in Toronto this spring.

Staff members have joined the Modern Language Association, the Society for Adult Education; others are doing graduate studies in Cornell, Notre Dame and the University of Detroit.

MUSIC TEACHERS' COLLEGE

Report of the Principal - Harvey Robb

The past season of 1953-54 in Music Teachers' College gave me as Principal added faith in the purpose and future of the institution. I am not prepared to say at the present time that the courses offered are permanently worked out. I feel for some years slight changes will have to be made to adjust the routine to suit the various objectives of the students: for instance, some enter with the purpose of eventually serving on a high school or collegiate staff; others want to enter music as private teachers and organists in churches; others are taking the course purely through cultural interests. At present the course is academically limited in the Arts subjects to languages. It might be well to enlarge the options in this department to include other subjects that are more commonly taught in high schools.

Our enrollment of 35 students was rather more than our limited equipment could handle with ease. In the music subjects requiring practice or what might be called laboratory accommodation, each student needs a separate room. While Arts subjects and the music classes were attended on the campus, in many cases the practicing had to be done downtown in Aeolian Hall. A taxi service helped the situation in the afternoons but, even so, much time was wasted, and we do hope that the future will hold a solution for this problem.

We are badly in need of more office accommodation and more secretarial help but we simply have no room to expand in this way. It may be well to cut down somewhat on the number of registrations this coming season due to the fact that the use of the McIntosh Building will be limited. It is better to have satisfied students than to have them disgruntled by inadequate facilities.

SUMMER SCHOOL AND EXTENSION DEPARTMENT

Report of the Director - S. F. Maine

The work of the Department may be resolved under two headings:

- (a) Courses leading to degrees;
- (b) Non-credit work that may be subdivided into (1) lectures and courses of a cultural nature, (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 Extension classes, the Summer School and Correspondence Courses.

Correspondence Courses

The Correspondence Division offers courses in Economics, English, French, Geography, German, History, Latin, Philosophy and Spanish. Two hundred and fifty-seven students were registered.

Summer School

Five hundred and fifty-one students were registered for Summer School from Canada, United States and the West Indies. This number was somewhat lower than the all-time record set the previous year and is explained by the elimination of university subjects as a requirement for the Permanent First Class Teaching Certificate.

Twenty-three courses were offered including Art, Astronomy, Economics, English, Speech Training, Play Direction, Geography (including work for the Geography Specialist), Geological Science, German, History, Psychology, Public Health, and Spanish.

Extension Classes

Six hundred and seventy-nine students took Extension courses in twenty-two centres throughout the Province. Three of these were in Northern

Ontario. At the request of the Inspector in the area, a new centre was organized at Collingwood. To meet the shift of teachers the Wingham classes were moved to Clinton.

Registrations

Summer School	551
Correspondence Division . .	257
Extension Department	<u>679</u>
Total Credit Students	1487

This total includes a certain number of duplicates.

B

Non-Credit Courses

Armed Services

The Armed Services requested lectures to aid in their training programme. Four were given at the Royal School at Wolseley Barracks, London, and talks on current events were given at the Air Force Stations at Centralia, Crumlin, and Clinton.

Canadian Association for Adult Education

The National Conference of the C.A.A.E. was held at Western with the Extension Department acting as local host. Many activities were arranged by the Department. The Conference was considered to be most successful.

Chartered Institute of Secretaries

A series of ninety-three lectures in Accounting, Company Law and Secretarial Practice, Economics, English, Mercantile Law and General Principles of Law was held at Alexandra School from October to April for the Chartered Institute of Secretaries. This course leads to the degree of F.C.I.S. and examinations are set by the parent body in England. The services of University staff members, local lawyers and business men were utilized.

Creative Writing

A series of fifteen lectures on "Short Story and Feature Article Writing" was offered by Mr. James Scott, nationally known writer and critic, and part-time University staff member. Classes were held from October to March and eighteen people enrolled.

Department of Education Workshop

The Extension Department cooperated in giving assistance to the Department of Education Workshop in History and Geography offered last summer. University staff members gave a number of lectures.

Electrical Contractors

For the second year the Extension Department in cooperation with the Electric Service League of Canada and the Electrical Contractors' Association of Ontario offered a course in Business Management for Electrical Contractors. Forty-eight contractors were registered in the course, which continued from January to March 1954. Discussions centred around the management and financing of a small business, letter-writing, human relations, keeping of records, etc.

Film Institute

A five-day Institute on Films and Community Leadership was offered in July by the Ontario Film Council, in cooperation with this Department. About forty people were in attendance from many parts of the Province.

Foremen's Club

A series of lectures was offered by members of three University Departments to the Foremen's Club of Sarnia. Lectures were also given to the Foremen's Clubs in Stratford and Welland.

Industrial Engineers

A Time Study and Methods Course was offered to Industrial Engineers in Galt. Lecturers were drawn from the School of Business Administration. The course, one of the first of its kind, attracted nearly 200 students from Galt and the surrounding area and the course continued from January to April.

Institute of Radio Engineers

Thirty-three members of the Institute of Radio Engineers registered for a six-lecture series on problems in the field of Television, etc. Professor Blackwell of the Physics Department acted as liaison with the Extension Department.

Labour School

The Sixth London and District Union Institute was held April 3 and 4, in University College to discuss education for union leadership. Over 200 persons were in attendance. University staff members and labour leaders led discussions on such subjects as Labour Legislation, Collective Bargaining, Contract Clauses, Credit Unions and Cooperative Enterprises. The London Labour Council contributed a scholarship fund of \$25.00 to the Summer School.

Nurserymen

About one hundred nurserymen attended the sixth annual Short Course given by the Canadian Association of Nurserymen, offered for the first time at the University of Western Ontario, August 27-28. The Extension Department made arrangements for part of the programme and the accommodation of delegates at Spencer Hall.

R. C. A. F. Upgrading Class

A series of lectures on world history and current events was offered by Dr. Gwynne-Timothy for this Department, to the R. C. A. F. Station at Crumlin for personnel preparing to write service examinations. The results were most creditable.

Retail Selling

Two hundred and twenty-one business people attended a series of five lectures on Retail Selling given in the University. Lecturers were drawn from Detroit, London, St. Thomas and class members came from Goderich, Brantford, Stratford, Sarnia, Chatham, St. Thomas, Waterloo, Dorchester, and Niagara Falls, as well as London.

School of Indian Archaeology

The fifth School of Indian Archaeology was held at Penetanguishene from July 6 to 18, under the direction of Mr. Wilfrid Jury, Curator of the Museum of Indian Archaeology. Practical work and lectures gave the seventeen students a valuable insight into Indian Archaeology as well as information on the early history of the area.

School of Religion

The seventh annual School of Religion, held June 21-25, 1954 was an unqualified success. Famous preachers and teachers, including Dr. Visser't Hooft of Switzerland, Dr. Emlyn Davies, Toronto, Principal Coleman of Huron College and Professor Mathers of Queen's University added greatly to the effectiveness of the School. Over eighty clergymen representing the major Protestant denominations were in attendance. The grant from the Atkinson Foundation made possible many bursaries.

Society of Industrial and Cost Accountants

Seven classes were organized in Windsor for the Society of Industrial and Cost Accountants of Ontario. Ninety-three students were registered in courses in Accounting, Business Mathematics, Industrial Legislation and Organization, Cost Accounting, etc. There were 185 lectures offered during the year.

So-Ed Sarnia and Welland

As in former years, members of the University staff gave a series of lectures on subjects of interest to about three hundred So-Ed men and women in Sarnia. A Western staff member opened the So-Ed lecture programme series in Welland.

St. Catharines Child Psychology

At the request of the Inspector of Schools in St. Catharines a class in Child Psychology was organized in that centre. Thirty-five were registered; twenty-three for credit, twelve non-credit. The course was given by a specialist in Child Development from New York State Teachers' College, Buffalo.

Timken Roller Bearing

A series of twelve lectures on speech training was offered to the staff of the Timken Roller Bearing Company in St. Thomas. Lectures were also given to the Supervisors by members of the staff of the School of Business Administration and the Psychology Department.

Unemployment Insurance Commission Special Placement Officers School

A course in rehabilitation and employment counselling of the handicapped was organized by Dr. Coffey of the Faculty of Medicine, and the Extension Department at the request of the Unemployment Insurance Commission. Many doctors from London and specialists in the field from B.V.A. and other sources, lectured during the period from May 24 to June 18. Thirty-five representatives of the Unemployment Insurance Commission from different parts of Canada took part in the course.

United Nations Seminar

One of the most successful activities during the year was a four-day United Nations seminar sponsored by the United Nations Society of London and this Department. One hundred and six senior collegiate students from Western and Central Ontario participated. This project in which top students in their schools were chosen aroused keen interest in the University as well as in the United Nations.

Woodstock Drama Discussion Series

A series of five lectures was given to sixty women of Woodstock on the current plays being offered at the Stratford Festival. Lectures were given by two members of the English Department.

Workshops for Community Programmes

The Extension Department arranged a number of lectures for the Workshops organized by Community Programmes in various rural centres. One of the most successful was that held at Staffa, where as many as ninety attended afternoon and evening study sessions.

W. E. A. Stratford

A growing interest has been shown in the activities of the Stratford Workers' Educational Association and the work is reported under three headings:

(1) Current Events and Social Problems Series

Twenty lectures made up this series including topics in the fields of current events and social problems.

(2) Public Speaking Course

Under Professor George Buckley a course of ten lectures was given on Public Speaking.

(3) Trade Union School

A Trade Union Training School was organized by the W.E.A. to acquaint workers with some of the answers to their particular problems.

Speakers Bureau

There has been a steady demand for many years for speakers for widely diversified groups. Speakers have been sent to Federation of Agriculture meetings (Corunna and Brigden), Church groups, University Women's Clubs, Service Clubs, Workshops, High School Graduations, Public Library, Y.M. and Y.W.C.A. and Medical Association groups; also to Foremen's Clubs, Industrial Organizations, Personnel Managers gatherings, etc.

Adult Education for Non-Credit Students

In all credit courses arranged by the University both at Summer School and in Extension centres, adults were invited to take the courses as non-credit auditors. This number has been steadily increasing, particularly in special fields and is an important factor in our Adult Education work.

TROIS-PISTOLES SUMMER SCHOOL

Report of the Director - H. E. Jenkin

Of the 146 students enrolled in the 1953-54 Summer School, 73 took the French language courses, 57 took the English language courses, and 16 were enrolled in the Painting classes.

For 20 years the Congregation of Jesus-Marie had provided classrooms in the Convent. Owing to administrative and organizational changes it was no longer possible to receive us. Through the good offices of the Schools Commission of Trois-Pistoles, classrooms in the recently built addition to the Boys' School were placed at our disposal and used for the first time this year.

Preliminary steps were taken during the summer to constitute a junior Advisory Committee for the purpose of associating in a practical manner younger residents of Trois-Pistoles with the work of the School. The committee was formed as the result of the Director's visit to Trois-Pistoles in January, 1954.

The initiative of Mrs. Keith Watson resulted in the establishment of the I.O.D.E. (local chapters) Trois-Pistoles Summer School Student Aid Fund. The contributing chapters were:

Municipal Chapter
Isabel Hampton Chapter
Nina Moore Jamison Chapter
Seventh Regiment Chapter
Overseas Chapter

Visitors:

Our ambassador to France, Mr. Jean Désy, whose daughter was taking English, visited us.

Dr. J. R. Cavanagh, noted American psychiatrist, spent several days at Trois-Pistoles, as his wife and daughters were members of the student group. He led a panel discussion on the subject of Miracles, and subsequently offered a prize of \$25.00 for the best original story written in the second language.

Col. M. L. Lahaie, Commandant of Collège Militaire Royal at St. John's, Quebec, spent a day in observation of our methods.

M. Jean-Marie Morin, whose articles on matters educational is a weekend feature of La Presse, Montreal, spent several days gathering material for two long articles on the School.

Sir Alexander Nye, British High Commissioner to Canada, called in en route to Ottawa.

Teaching personnel from Collège Militaire Royal, the N.A.T.O. School of English, R.C.A.F. Station, London, and the R.C.A.F. School of English, St. John's, spent two days in observation of the School

THE UNIVERSITY LIBRARIES

Report of the Chief Librarian - J. J. Talman

The completion of the new wing of the General Library was the most significant development of the year ended June 30, 1954. University and library staff and students will unite to record their appreciation to the

Board of Governors for this important addition to the facilities of the University. The elevator built at the same time in the original stack has filled a need of many years. The re-arrangement of office space in the old building has greatly assisted library operations.

During the year Miss Olga Bishop joined the staff of the General Library to take a post which the Board of Governors had added to the establishment. Miss Bishop has had a distinguished career in the library profession and holds the degrees of M.A. in History from Mount Allison University and A.M. in Library Science from the University of Michigan. Her last post was librarian at Mount Allison.

Mrs. Joan Dafoe Ziegler replaced Miss Eleanor Lucy who resigned to join the staff of the Wentworth County Library. Mrs. Ziegler, a granddaughter of Dr. John W. Dafoe, the distinguished Canadian journalist, came to the General Library from the University of Alberta Library.

Mrs. Joan Andrews was appointed to a post in the library office, replacing Mrs. Helen Staples.

In the 1952-53 report it was stated that circulation appeared to have stabilized. The totals for books lent during the present year, although showing a slight decrease, bear out that conclusion. The 1953-54 figures at the General Library are appreciably greater than those for the years 1950-51 and 1951-52. The peak of post war circulation came during the year 1947-48 and the book circulation in this University is consistently running 25 per cent less than the 1947-48 figures.

The Medical Library statistics showed a fairly sharp decline in books cataloged. Actually, this decline was more or less a return to normal figures as the previous year's total was increased by a large group of accessions in Medical History.

In the General Library the number of volumes cataloged rose from 3,854 to 4,325, an increase of approximately 12 per cent. This increase reflects the greatly improved supply of good books, interested recommendations by the faculty, and increased grants for book purchase. The great importance of funds set up over the years by various donors cannot be minimized as purchases amounting to approximately \$2,000 were made from such funds during the period under review. In view of the high cost of storage space the importance of the Faculties' recommending only high quality volumes of lasting worth cannot be too greatly stressed. A poor book costs as much to catalog and shelve as a good book. Inevitably some ephemeral material must be purchased. This should be withdrawn, on the recommendation of the department concerned, as soon as it has served its purpose.

Lists of all major accessions in the General and Medical Libraries were sent to faculty members.

The special funds referred to above were increased by a most significant contribution. In June, Professor A. B. Conron announced that he and Mrs. Conron intended to create a capital fund of \$5,000, the interest from which is to be used for the purchase of books in English Literature

relating to the seventeenth and eighteenth centuries. In addition, Professor Conron made 300 available for the immediate purchase of books in that field. All volumes purchased from this fund will carry a book-plate in memory of Professor Conron's father, the Reverend M. E. Conron, M.A.

Although neither the General or Medical Library has formally organized Friends of the Library groups, in an informal way a great many friends promote the interest of the libraries as individuals. The gift books of both libraries record many donations which cannot be listed here but the following illustrations will serve to show something of the variety and value of the gifts received.

Mr. J. E. Keays presented copies of journals to add to volumes he had previously presented. We regret to have to report the death during the year of this long-time benefactor. Following his instructions, Mr. A. K. North, his nephew, turned over to the library important volumes which Mr. Keays had collected.

Mr. F. E. D. McDowell added several volumes to his collection of the works of G. A. Henty. This library's Henty collection must now be one of the most complete.

Mrs. A. E. Sutherland, Glencoe, Ontario, presented files of the Glencoe Transcript for the years 1873-1886 which add an important collection to the extensive files of Western Ontario newspapers already in the General Library. This was the second gift of newspapers from the Sutherland family. Some years ago, the late Mr. A. E. Sutherland presented a file of the Canadian Free Press, London, published by his father William Sutherland who sold the Free Press in 1852 to the Blackburn family before he moved to Glencoe.

Mrs. Leo Smith, of Toronto, presented the musical collection of the late Mr. Leo Smith which contained music quarterlies, reviews, text books and other significant material.

Dr. Lorne Pierce, of Toronto, who has maintained an interest in the library since he arranged for the presentation of the Hathaway Collection some years ago, presented some significant Bronte items from his own library.

The London Lodge B'nai B'rith, through Dr. Isidore Goldstick, continued its gift subscription to Commentary.

Dr. Dorothy Turville of the Romance Language Department presented a number of volumes on seventeenth century French life from her library.

Professor B. E. Shore of the Department of Slavic Studies, the University of Toronto, presented Russian items as he had in previous years.

The 1860-75 Minute Book of the London, Ontario, St. Andrew's Society, an important document in the social history of the community, was presented by Mrs. J. Hammond, of London.

Mrs. Clare C. S. Mitchell, of London, bequeathed to the University library the books and bookcases which came from the library of her father, the late Thomas C. Edwards. The bequest contained many bound volumes of journals which helped to complete the library's holdings.

The late Professor James Spenceley for many years a distinguished member of the English Department of this University, bequeathed his library to the University. Professor Spenceley's library was extremely rich as he bought wisely and well for many years.

Scenes of London in the 1880's in the form of slides made by John Chapman, a photographer, were presented by his son Mr. J. F. Chapman, of London. These make a real contribution to the pictorial history of the city.

The Medical Library received gifts of money from the College of Physicians and the Academy of Medicine. These funds were expended on books and journals which would not otherwise have been provided. Dr. J. W. Crane, whose benefactions to the Medical Library have extended over many years, again made a generous financial contribution. Many individuals presented books and journals.

Staff Activities

In addition to their library duties various members of the staff took part in the activities of several learned and professional societies of Canada. Dr. J. J. Talman was elected president of the Canadian Historical Association and was appointed chairman of the Microfilm Committee of the Canadian Library Association and a member of the Canadian Social Science Research Council. Miss Kate Gillespie acted as chairman of the nominating committee of the Cataloging Section of the Canadian Library Association. Miss Lillian Benson was elected vice-president of the Ontario Historical Society.

Miss Campbell compiled a bibliography: "Canada's Two Heritages," which covered the effect of the two predominant heritages on the French Canadians and English Canadians as revealed in their writings of the present century. This proved to be of such interest that it was decided to bring it out in mimeographed form as Library Bulletin, Volume 2, Number 2. This serial is published from time to time as material is available.

As in previous years, various members of the staff shared the responsibility in giving the Library Science course to freshmen. After several years of experimentation the course seems to have been stabilized at eight lectures, four or five exercises and a December test. Students securing pass marks in the exercises and test are excused from writing the final examination. Tribute must be paid to Miss Catherine Campbell, Miss Olga Bishop, and Miss Caroline MacKenzie for their efforts. Miss Campbell supervised the administrative arrangements.

As has been said in earlier reports, the library has been building up collections of material bearing on the railway history of Western Ontario. In recent years, largely owing to the centenary of the building of the Great Western Railway, more and more use has been made of this material. This year, however, saw the greatest use to date as the Canadian National Railways

have a committee working on a history of that system. In a letter of thanks for the cooperation of the library staff, a vice-president of the Canadian National Railways wrote, "I am informed that the library of the University of Western Ontario has proved to be our most prolific source of historical data."

The General Library continues to bring out the mimeographed quarterly Western Ontario Historical Notes, and the occasional Western Ontario History Nuggets. The mimeographed form of publication is not ideal but is a useful method by means of which information of an historical nature can be disseminated. We were enabled to bring out one Nugget in multilith form which to all intents and purposes approximates printing. The work was a History of the Welsh Settlement in London Township by Dr. F. T. Rosser of the National Research Council. Since this publication cost a great deal more to produce than a normal Nugget it was decided to sell copies. The demand for it has been so satisfying that the entire cost of publishing has been recovered. This comprehensive study made a real contribution to the history of Western Ontario.

MUSEUM OF INDIAN ARCHAEOLOGY AND PIONEER LIFE

Report of the Curator - Wilfrid Jury

1953-54

As a result of the extension of the university library, the museum has undergone certain alterations which will facilitate the display of material and provide more satisfactory study space. The lighting and ventilation also will be greatly improved.

The pioneer material is being moved into storage to enable a more extensive and comprehensive display of the valuable material relating to Indian life that has resulted from the various excavations and collections. There will be provision for the display of a growing gun collection. An important contribution to this collection was made in the past year by Colonel Frank Reid, London.

Each year Mr. A. H. Jury, Komoka, adds to the model pioneer displays. During the past season, at the age of ninety-three, he completed a model of a whip sawmill. We believe that these authentic scenes of pioneer activity present a clearer conception of the past to the students than can be gained from individual full sized articles, particularly when space does not allow a satisfactory setting of the articles.

The museum is open daily from October to May but unfortunately is not available to students of the summer school or to tourists during the summer months. Supervised school classes come from London and the surrounding districts through the winter months. Classes held in conjunction with the Canadian history course were continued last year and forty students worked on projects in the museum.

Field work commenced on May 1st in Penetanguishene by continuing the examination of the military and naval establishment built there during the final years of the War of 1812. Special features were found including an original log soldiers' barracks which was discovered directly in front of more recent stone foundations. In the cellar of this building badges and buttons shed light on the early British regiments that were stationed there. An interesting circular stone foundation was found which suggests a Martello tower. Research in connection with vessels of the War of 1812 was aided by the Royal Canadian Navy who sent Frogmen to examine the Penetang harbour. They were successful in locating a sister ship of the vessel that was raised in 1953.

The officers' quarters museum which is under our supervision continued to attract the attention of visitors from all parts of the United States and Canada. Several Ontario school classes visited the site and the museum.

The Summer School of Indian Archaeology was held during the first two weeks in July. During this time a prehistoric Indian village known as the Forget site was examined. Prolific finds were made of rare early pottery and other artifacts and some seven hundred feet of palisade lines were traced. The Forget site is of such importance that we plan to continue the examination in the forthcoming summer. It is situated one mile east of the village of Wyebidge.

UNIVERSITY HEALTH SERVICE

Report of the University Physician - Helen Rossiter

For the academic session of 1953-54 the Student Health Insurance and the Health Service were organized very much as in the previous year. The accommodation in the lower corridor of Thames Hall proved adequate for the work handled.

The service was run on a half-time basis, the clinic being open each afternoon from 1 to 4:30 p.m. During that time the University Physician, Nurse and Secretary were in attendance and students could obtain medical advice, treatment for minor ailments, or information concerning the Insurance scheme.

Arrangements were made for all students to have physical examinations during registration week. Abnormalities found were re-checked at the Health Service and at the Medical School during the first semester and the necessary treatment or advice was given.

Because of an increase in the incidence of active tuberculosis in Canadian University students, all students, rather than selected groups, were X-Rayed in January 1954. Of the 2330 members of staff and students X-Rayed

only two were found to have tuberculosis. In both instances the lesions were active and the students were admitted to the Sanatorium for treatment.

A nine weeks course of Health Lectures was given to all first year students during the second semester. The text-book Elements of Healthful Living by H. S. Diehl was used and films based on this text-book were shown.

Alternate text-books, The Science of Health by F. L. Meredith and Fundamentals of Personal Hygiene by W. W. Krueger, were suggested. Also the coloured anatomical charts purchased in 1952 proved most helpful.

A contract was made by the University, on behalf of the students with the London Life Insurance Company, with the aim of providing financial coverage for the student during the academic year. 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 insurance scheme worked satisfactorily. The company was most cooperative, but it was felt that some expansion of the policy would be of benefit to the student. An attempt was therefore made to expand the policy to include:

1. Consultation and diagnostic services without hospitalization.
2. A higher daily rate for hospitalization.
3. A higher rate for special hospital services.

At a meeting of the Advisory Committee with a representative from the insurance company, rates for this expansion were presented and it was decided to put the matter up for student consideration. This was done and any expansion of the present policy was voted against by the students.

The total number of claims handled by the Health Service office was 315. All the work in connection with the insurance was handled by the Secretary and part of her salary was paid out of the rebate returned by the insurance company.

Throughout the entire year the clinics were extremely busy. It was constantly difficult to handle the work in the half-day, and it was felt that some increase in the Health Service hours are necessary.

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 most popular with the students.

Consultations at the Health Service 2,487

Cases Referred:

Physical Medicine	20
General Practitioner	5
Medical	20
Surgical	51
Orthopaedic	4
E.E. Nose and Throat	54
Genito-Urinary	2
Dermatologist	7
Dental	20
Psychiatrist	3
Chest Clinic	6
X-Ray	48
X-Ray Therapy	17
G.Y.N.	3

Innoculations and Tests:

T.B. Tests	11
Wasserman	9
Vaccinations	13
Diphtheria and Tetanus	10
Tetanus Toxoid	2
Typhus	1
Cholera	1
T.A.B.	33
Allergy Serum	9
A-Z Test	1
Athletic Injuries	39
Wrestling	18

House Calls: 21

Medical Students: (seen at Medical School) 42

The Victorian Order of Nurses again supplied a very excellent service, which I cannot praise too highly. With unfailing punctuality the Nurse was on duty by 1 p.m. and gave unstintingly of cheerful and competent service.

Another aspect of the Victorian Order of Nurses' service, which is of immense help to the student, is that the Nurse on duty at the University has the use of one of the Victorian Order of Nurses' cars. Frequently an ill student is taken to hospital or home by the Nurse, and instruction for home treatment given. This has greatly helped many students.

It was with sincere regret that we lost the valuable services of Mrs. Barbara Lawrence when she left at the end of October to be married. However, Mrs. M. Jarvis who has taken her place, has done extremely well.

The monthly Victorian Order of Nurses' Board Meetings, the monthly clinical meetings at Victoria and St. Joseph's Hospitals, the monthly meetings of the London Academy of Medicine and of the section on Anaesthesia of the London Academy of Medicine are attended by the University Physician. A course of lectures on Anaesthesia was given to the nurses of St. Joseph's Hospital by the University Physician.

The University Physician attended the 4th. International Conference on "Health in Colleges" held in New York, May 4-8, 1954.

DEPARTMENT OF THE DEAN OF WOMEN

Report of the Dean - Leola E. Neal

The most important function of this department seems to be counselling. The counselling, chiefly individual, may best be described as personal and academic. Personal counselling embraces not only emotional problems but includes those which are associated with study, housing, employment and finance. The counselling is more effective because of the gracious cooperation of the members of the Faculty and of the Administration. Committee work and administrative duties are added responsibilities. The office of the Dean of Women is operated on a half-time basis and it is necessary to follow a schedule of appointments for interviews.

There were 421 undergraduate intramural women students in University College in 1953-54, an increase of 17 over the last year. The number of women graduate students was also greater by 8. Their academic records have on the average been good. Because a number of women students did exceedingly well they received undergraduate awards or scholarships for graduate study. Of the 22 gold medals awarded in the Faculty of Arts and Science at Convocation in June, 10 went to women students in University College. This is interesting in view of the fact that there were many more men graduating than women (178 men and 98 women). In addition, the Governor General's Gold Medal was awarded to a student at Brescia Hall.

The women students contribute to university life through a wide variety of extra-curricular activities. They have planned and provided for social affairs, served on the executives of clubs and governing bodies, taken part in "Purple Patches", been active in drama and musical circles, contributed to the various publications and engaged in athletics.

The upper class women, through the Council of the Undergraduate Women's Organization, do a great deal especially during the first few weeks to help new students adjust to university life. They act as "big sisters" to firstyear students. Their friendliness and cooperation often help dispel the blues and help make students feel at home at Western. The Freshette luncheon, the Splash Party held at the William Melville Spencer Memorial Pool, and the Women's Meeting have become important traditions in the Frosh

welcoming programme. The Council arranged the Co-ed Prom in December which was a great success. Scarves and Christmas cards were sold to raise funds. The Council awarded a bursary of \$100.00 to a woman student in University College for the first time in 1953-54.

The University Women's Club of London for the third year awarded a bursary of \$100.00 to a woman student in her final year. Fortunately a number of other bursaries are available to women students. Many students work during the summer vacation and a few work during the academic year as well to finance their university education. Without bursary aid a number of good students would be unable to complete their courses.

Women students from out-of-town live either in Spencer Hall, sorority houses, or in private homes throughout the city. Spencer Hall continues to be popular as a residence. It was possible to increase the number of beds from 70 to 72 without undesirable crowding. Of the 72 students in residence 15 were upper class women and 57 were freshettes. There were 117 applications for residence - an increase of 18 over the 1952-53 number. In April of this year there were twice as many applications for the fall term as there were a year ago. If statistics mean anything, it looks as if an addition to Spencer Hall is needed. Spencer Hall was available for summer school students and 25 were in residence.

The three Greek-letter organizations provide very satisfactory, supervised living accommodation for 60 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 704 students, of whom 169 were women. Eighteen students (11 boys and 7 girls) were placed in homes where they could work for all or part of their board. Mrs. Ella Bourne was in charge of the Housing Bureau for the seventh year. Her resignation was accepted with regret. The University Housing Committee expresses best wishes and gratitude to Mrs. Bourne for her years of service to the University.

DEPARTMENT OF THE DEAN OF MEN

Report of the Dean - T. L. Hoskin

This report will be concerned with only one of the activities of this department - Student-Aid. In this area there have been many important developments in recent years and these are considered worthy of special attention at this time.

The University of Western Ontario has always been noted for the interest it takes in the welfare of its students. This has been particularly so in the matter of financial assistance to deserving students. On December 5th, 1946, the members of a new Board of Governors Committee called the "Student Loans, Bursaries, Etc., Committee", held its first meeting. The Committee

was set up to co-ordinate the administration of existing student-aid funds and to develop new sources of student-aid when necessary. In his 1947-48 report, the President expressed the opinion that "our universities should be available for those who are capable of taking advantage of higher education" and that "lack of funds should not be permitted to hamper competent scholars".

The student-aid programme of this University has gone a long way towards the achievement of these goals. This has been made possible by the help received from Government, Industry, Alumni, and private citizens who feel that it is in the public interest to conserve and utilize the abilities of our youth.

It is hoped that the following information about sources of student financial assistance in 1953-54 will prove to be both interesting and informative:

Definitions

Scholarship

A prize or award for outstanding academic achievement.
Need is not a factor here.
Academic record must be at least 75%.

Bursary

An award made to a deserving student.
Need is a factor here.
Academic record must be at least 66%.

Grant

A donation to a needy student.
Need is the main factor here.
Academic average may be above or below 66%.

Loan

Financial assistance which must be repaid.

Administration

Scholarships

All University Scholarships are approved by the Scholarship Committee and applications are handled by the Registrar who is also Secretary of the Scholarship Committee.

Bursaries, Grants and Loans

Those which are administered by the University are approved or recommended by the Student Loans, Bursaries, Etc., Committee and applications are handled by the Dean of Men who is Secretary of the Student Loans, Bursaries, Etc., Committee.

There is close liaison between the two committees mentioned above. It is nevertheless difficult for the University to learn about all of the assistance received from outside sources. Each year, more and more organizations are sending their student-aid cheques to the Bursar's office for delivery to students. This helps the University to know how much total assistance each student is receiving and facilitates a more satisfactory distribution of student-aid funds. It also protects the outside donor by having the Bursar check to see that the student is actually registered in the University and attending classes.

Student Income 1953-54

Scholarships

During 1953-54 most of the admissions scholarships were increased in value and new scholarships from outside organizations were introduced to the scholarship programme. Scholarships help to inspire students to effort, to encourage them to continue their education and to attract students of outstanding ability to this University.

Bursaries

Most of the money supplied for student-aid bursaries is provided by Federal, Provincial and Municipal Governments, Foundations, Service Clubs, and other community organizations. In 1953-54 approximately 300 deserving students received bursaries amounting to a total of over \$75,000. The maximum for individual awards is usually \$400.00 for non-resident students and \$200.00 for resident students.

Grants

During 1953-54 the amount of money received by students in the form of student-aid grants was considerably more than the amount provided in student-aid bursaries. This is largely due to the student assistance provided by the Federal Government for:

- (i) the Regular Officers Training Program and the 21 month Subsidization Scheme of the Department of National Defence. (\$68,960);
- (ii) the Veteran Training Programme administered by the Department of Veterans' Affairs. (\$12,300);
- (iii) the new Education Assistance Act administered by the Department of Veterans' Affairs to assist the sons and daughters of veterans who lost their lives in World War I or World War II. (\$8,050).

Through the kindness of the Atkinson Charitable Foundation, the William F. Thomas Trust, the Canadian Legion, the Imperial Order of the Daughters of the Empire, and other organizations, 95 students received

grants amounting to approximately \$16,000. The University Student Benevolent Fund and the University Student Welfare Fund provided approximately \$1500 in small grants to 35 students to help them meet emergency expenses such as medical and dental bills not covered by Student Health Insurance.

Loans

During 1953-54, 21 students received a total of \$5,655 in loans from the University Combined Loan Fund. Undoubtedly other students received loans from sources outside the University but no record of this is available.

The number of loans is small because it has been our policy to use the Loan Funds only as a last resort. This is done in the interest of the student. In addition, the capital of our Loan Funds is small in relation to the demands which might be placed on it.

Comments

It is encouraging to see that one-third of the student body of this University is receiving financial assistance from university student-aid funds and other sources. It is also encouraging to note the increasing interest in student-aid in recent years. At the same time, one must recognize that a great many of the existing awards are small - \$200.00 and less. This actually represents a very small part of the total cost of an academic year. The average cost to an out-of-town student in Arts and Science is \$1200, and in Medicine \$1400.

Most university students work very hard during the four months of the summer vacation in order to help finance their next academic year. This work experience and personal contribution to the cost of their education is very beneficial to most students. On the other hand, it is not good for students to have to work long hours during the academic year and too many students still find it necessary to take this kind of part-time work. They do this because they have to. Many of the awards to needy and deserving students are smaller than they should be because there are so many to share the money available.

It is hoped most sincerely that interest in student-aid will continue and that still more assistance will permit the programme to meet the increased demands upon it that are certain to come with an increase in enrollment.

PRESIDENT'S MEDALS

Report of F. Stiling

I have pleasure in submitting a report on the activities involved in the awarding of the President's Medals in 1954 and the results thereof. The number of submissions for material published in 1953 is as follows:

Short Story - 43

General Article - 42

Scholarly Article - 19

Single Poem - 241 - This figure is not actually accurate. Because in the preceding year no satisfactory poems were submitted, this year the judges searched through various periodicals to discover poems.

The number of submissions except for Poetry and the Scholarly Article was lower than that of last year because very few writers submitted material direct and the editors are becoming more selective. Theoretically, this tendency is wrong, but practically, I think it is good.

Sifting Committees

The practice of having sifting committees at the university was followed and the following members of the faculty were the chairmen of these committees. Each one selected the people to work with him and consequently I am unacquainted with their identities.

Short Story - Professor M. H. M. MacKinnon

General Article - Professor Isabel Dingman

Scholarly Article - Professor W. Balderston

Single Poem - Professor C. F. Klinck

Judges

The chairmen of the sifting committees were judges in their respective classes of material. In addition to them the following people very kindly undertook this work:

Short Story - Dr. T. B. Costain, 1 Fifth Avenue, New York 3, N.Y., U.S.A.
S. Morgan-Powell, Montreal Daily Star, Montreal.

General Article - Dr. W. Bird, Historic Sites Advisory Council, Box 503, Halifax, N. S.
Charles L'Ami, 199 Oakdale Place, St. James, Manitoba.

Scholarly Article - Dr. J. F. Leddy, Dean of Arts and Science, University of Saskatchewan, Saskatoon.
Dr. A. G. Bailey, Dean of Arts, University of New Brunswick, Fredericton, N. B.

As there was a tie in the latter classification it was necessary to appoint a panel of judges to break it. The members were: Professor W. E. D. Atkinson; Stuart Tweedie, University of Manitoba; and H. R. C. Avison, MacDonald College, Quebec.

Single Poem - Dr. A. J. M. Smith, English Department, Michigan State College, East Lansing, Michigan, U.S.A.
Alan Crawley, Box 2227, Penticton, B. C.

I have written and thanked all these judges for their generosity in doing this work.

The Winners

Short Story - "The Firing Squad" by Colin McDougall - Macleans.

General Article - "The Dangerous Luxury of Hating Americans" by Bruce Hutchison - Macleans.

Scholarly Article - "Towards a Theory of Cultural History" by Northrop Frye - University of Toronto Quarterly.

Single Poem - "Lament" by Dorothy Livesay - The Fiddlehead.

The Announcement

The names of the winners of the President's Medals were broadcast on Friday night, June 11 and appeared in the newspapers of Saturday, June 12. You may have observed that the announcement was not made at the same time as that of the winners of the Governor General's Awards. As these latter are the highest given in Canada, the executive of the Canadian Authors' Association and the members of the Governor General's Awards Board have thought that their prestige would be enhanced by separate announcements. There is, also, better publicity for the President's Medals when the announcement is made separately because they are not lost sight of among a large number of awards.

Presentation

The President's Medals were presented at a dinner given by the University of Alberta at the Banff School of Fine Arts on Friday, July 2 by Principal Stiling. Unfortunately, none of the winners was present, probably for geographical reasons.

UNIVERSITY ATHLETIC ASSOCIATION

Report of the President - R. J. Rossiter

This consolidated report has been compiled from the reports of:

Mr. J. P. Metras, Director of Intercollegiate Athletics

Mr. K. Gowie, Director of Intramural Athletics

Miss Jean Carmichael, Director of Women's Athletics

Mr. E. Slatter, Business Manager of Athletics

GENERAL

The year 1953-54 proved to be one of the most successful in the history of the Athletic Association. The affairs of the Association were conducted under the new constitution adopted in April 1952 and given a thorough trial in 1952-53. As a result of experience gained during this first year, a number of minor organizational changes were instituted during 1953-54. In retrospect, these changes can now be considered as highly successful. The reorganization of athletics has resulted in a more efficient administration of all the activities of the Association, with a consequent increase in the number of participants and in the standards obtained.

In the field, our representative teams reached a high level of achievement, in both intramural and intercollegiate competition. More important, however, was the higher percentage of both men and women who participated in intercollegiate and, more significantly, in intramural activities.

ATHLETIC ACTIVITIES - MEN

Intercollegiate

Teams participated in intercollegiate competition in nine senior (football, soccer, basketball, wrestling, swimming, badminton, golf, track and squash) and twelve intermediate (football, soccer, basketball, wrestling, swimming, hockey, badminton, golf, tennis, harrier, track and fencing) sports. In all, four senior teams (football, basketball, wrestling and golf) and four intermediate teams (wrestling, swimming, tennis and harrier) won intercollegiate championships.

Special mention should be made of the senior basketball team, which won its ninth successive intercollegiate championship. The senior wrestling team won its third successive intercollegiate championship and the senior football team successfully defended the championship won a year ago. The senior golf championship was the first in Western history.

During the past four years there has been a steady increase in the number of representative teams fielded by Western in intercollegiate competition, especially at the intermediate level. This is illustrated in the

following table, which also shows that not only are more teams (and hence more men) competing, but that the quality of performance, as judged by intercollegiate championships won, is also increasing.

Participation in Intercollegiate Athletics

	<u>Over the Past Four Years</u>			
	<u>1950-51</u>	<u>1951-52</u>	<u>1952-53</u>	<u>1953-54</u>
No. Senior Teams	8	8	8	9
No. Intermediate Teams	<u>9</u>	<u>9</u>	<u>7</u>	<u>12</u>
Total	17	17	15	21
<hr/>				
No. Senior Championships	2	3	5	4
No. Intermediate Championships	<u>0</u>	<u>2</u>	<u>4</u>	<u>4</u>
Total	2	5	9	8
<hr/>				

Such a record of participation and achievement has been made possible only by the devoted enthusiasm of the Director of Intercollegiate Athletics and the entire Coaching Staff.

Intramural

Intramural athletic activity is administered by the Director, Intramural Athletics. The policy of the Athletic Directorate is carried out through the Department of Physical Health and Recreation Education and an Intramural Sports Committee.

During 1953-54 the intramural programme was greatly extended. Three levels of activity were offered -- recreational, instructional and competitive.

(a) Recreational: Facilities were available for informal participation in basketball, badminton, squash racquets, golf, curling and table tennis. In addition, hockey was provided in the Faculty of Medicine and softball in the School of Business Administration.

(b) Instructional: Instruction was provided in swimming, wrestling, squash racquets, badminton and fencing. All students were encouraged to receive instruction in these sports.

(c) Competitive: Intramural competition was held in 10 sports (9-man football, track and field, volleyball, basketball, swimming, wrestling, tennis, table tennis, badminton and golf). In addition, campus championships were held in squash racquets and handball.

The competitive units in intramural competition were: University College (Science), University College (Arts), Huron College, Faculty of Medicine, and School of Business Administration. Both intra-unit (e.g. individual classes within the unit) and inter-unit competition was held. The number of men participating in intramural activity was high as can be seen from the accompanying table. Of particular interest is the high percentage of men participating in intra-unit competition, especially in the Faculty of Medicine and School of Business Administration.

Percentage Male Students Participating in Intra-Mural Athletics

<u>Competitive Unit</u>	Percentage Participating in	
	Intra-unit Competition %	Inter-unit Competition %
University College (Science)	38	52
University College (Arts)	40	48
Huron College	68	68
Faculty of Medicine	94	31
School of Business Administration	75	69

The above figures apply to competitive intramural athletics only and do not include purely recreational and instructional activity, for which no records are available.

Such a high degree of participation reflects the increased facilities made available and is a tribute to the enthusiasm of the Director, Intramural Athletics.

ATHLETIC ACTIVITIES - WOMEN

Athletic activity for women is administered by the Director, Women's Athletics. The policy of the Athletic Directorate is carried out through the Women's Athletic Committee. During 1953-54 the women's athletic programme included Intercollegiate, Westoamac, Interwestern and Intramural Competitions. Some 120 women competed in Senior and Intermediate Teams and a further 280 participated in intramural activities.

Intercollegiate

Women's teams competed with McGill, Queen's, University of Toronto, McMaster and Ontario Agricultural College in the following sports: archery, swimming, badminton, basketball, tennis and volleyball. The volleyball team won the intercollegiate championship.

Westoamac

In addition to the above intercollegiate competition, senior and intermediate women's teams competed with McMaster and Ontario Agricultural College in archery, tennis, softball, basketball, golf and track and field.

Interwestern

Interwestern competition involves Western and two affiliates, Alma College and Waterloo College. In 1953-54 first and second year women students, who were not members of representative intercollegiate teams, competed in Interwestern archery, badminton, basketball, softball, tennis, track and field, and volleyball.

Intramural

In 1953-54 intramural teams representing University College (Arts), University College (Science), Physical Health and Recreation Education, Medettes, Nurses, Journalism and Secretarial Science, Brescia Hall and Spencer Hall competed in the following sports: archery, golf, tennis, track and field, badminton, basketball, bowling, softball, swimming, table tennis and volleyball. The Lang Trophy for Intramural Competition was won by University College (Arts).

ALUMNI ASSOCIATION

Report of the Director - George O. Hartwell

Staff

The Alumni Office staff has a full-time director, two full-time secretaries and a good deal of part time help from students during rush periods. Miss Doreen Burr, senior member, looks after the considerable amount of correspondence, the bookkeeping which includes accounting of contributions and other funds, the payment of bills, the sale of rugby tickets, homecoming receipts and general banking, the minutes of all committee meetings, with mailing, typing and duplicating material dealing directly with Alumni affairs. Miss Pat Fowler works primarily in the addressograph system, Gazette, addresses, and personal files of alumni. She types all material for publications and is responsible for news items and vital statistics about alumni along with aid from all of us. There is excellent cooperation and mutual assistance in interchange of duties such as mimeographing, duplicating and addressing if one or the other is busy on some particular project. The amount of work accomplished is a great tribute to the efficiency and spirit of the two girls.

Records

Each one of the staff is concerned with alumni records. Constant checking and seeking of addresses is a necessity. There are between 150 and 200 address changes each month and therefore thousands of phone calls and mail tracers are necessary each year to keep up with alumni records. Last July there were between 1700 and 1800 lost addresses. These have been reduced to between 700 and 800 plus about 300 current changes. It is proposed to revise a list that was made of "lost" alumni by graduate year and publish names regularly in the Gazette.

The new addressograph machine has lightened the addressing situation and enabled the office to give better service on class and branch alumni lists. A conservative count estimates that your alumni office mails well over 140,000 pieces of mail a year which makes the work of addressing mail a busy task. The work of typing material for these mailings is a large order in itself and our girls are to be commended on the amount of work produced.

The new addressograph machine brought new work as a whole new system of tabbing address plates was instituted. This requires slow and careful checking of all files and many discrepancies are being corrected. Besides locating an absence of personal files and address cards, there have been many cases found where mail was being sent to an alumna under her maiden name, to the alumnus she married, and to the joint Mr. & Mrs.; three mailings to the same address.

Accounting

The Alumni Office keeps its own books. The system had to be completely revised this year under the new financial arrangement. Careful records of contributions must be kept. The Comptroller requires cancelled cheques and receipts for all expenditures under six separate budget headings. There are the General Alumni and Life Membership accounts. Duplicate records are kept on payments to the Building Fund. Homecoming expenditures and receipts and rugby ticket sales are kept separate.

Homecoming

Full reports have been made of this event. Twelve classes held reunions, the Variety Show drew a tremendous response from both students and alumni, the alumni rendezvous brought good results and the Saturday Alumni-Student Dance again financed the entire undertaking. It is strongly recommended that a committee be appointed to visit all classes holding reunions. Along with Dr. Ward, an attempt was made to do this, but it is impossible for the director to run the events on the campus and attend the reunions. Great appreciation was shown by those classes that were visited. This is an opportunity to win the sympathy and interest of hundreds of out-of-town alumni.

Alumni Gazette

Nine issues were published in 1953-54. With reduction of lost alumni and addition of faculty, non-graduate members, the number of Gazettes

mailed has increased from 7500 to 8500. Of these around 500 addresses must be typed due to changes of address and locating alumni. Miss Fowler is assisted by Miss Burr wherever possible. Approximately 1700 Gazettes are mailed to Alumni in London at a cost of 1¢ each, 5700 to the rest of Canada, mailed by weight at 4¢ per pound, and 700 out of Canada which require a 2¢ pre-cancelled stamp to be pasted on the individual issue. The Gazette accounts for approximately 76,500 mailing pieces a year and takes one-fifth to one-quarter of the director's time in writing, proof-reading, editing and working on the printers.

Fund Drive

The fund drive requires about 32,000 individual mailings with appropriate insertions of required material. Careful records of contributors must be kept. This entails looking up many addresses, the graduate year, entering donations in a ledger by year and faculty, recording on a file card, tabbing the address plate, typing receipts and recording numbers of the receipts after the Comptroller signs them, typing triplicate sheets of contributors names, addresses and amounts for the Comptroller's office, typing acknowledgment letters, membership cards, signing and mailing. The director endorses each cheque which is typed on the back according to the way the cheque is made out, and writes a personal note on each letter according to the situation. The director also assists the fund chairman as secretary, looks after price quotations and printers, helps on ideas and mailing.

Alumni Clubs

Every opportunity is seized to encourage and promote cordial relations with alumni-at-large through alumni club work. Alumni lists including names and addresses have been made up and sent to 18 active districts with considerable checking and rechecking for changes of address, new names, etc. in each district. Your director has personally made 8 visits to outside clubs besides attending all London functions which include a monthly luncheon meeting. Dr. Hall made personal visits to 8 Western Canada clubs and J. Metras visited the Ottawa club. Several thousands of individual mailings have been made to assist in club functions while a good deal of detailed checking and correspondence was required for the visits of Dr. Hall and J. Metras. The Clubs have shown favourable interest in the efforts of the Alumni Office to help their work and there is a good chance of getting a club started in the Maritimes. It is the opinion of your director that the next few years will show a great upsurge of interest in the University and the work of the Alumni Association through promotion of alumni clubs.

Alumni-Student Relations

Although a good start was made in the past year, a great deal of work can be done in preparing students for alumni responsibilities. During the past school year your director accepted many invitations to act as patron of various student functions. Homecoming offered many opportunities to work with and to acquaint many students with alumni activities. The

director addressed the 1954 graduating class and has since accepted the responsibility of acting as a clearing house for donations from this class towards a fund to present a painting of Dr. Kingston to the University. The Publications Committee has appointed the editor of the student gazette to its staff. A free 1954 alumni membership card along with a letter to welcome all graduates and explain their responsibilities as an alumnus was sent to each final year student. It is planned to continue this practice for the fall convocation and all future graduates.

General Administration

The Alumni Office phone is busy throughout each day answering requests for addresses, change of addresses, general information, information for many departments in the University, football and other tickets, and in other details of alumni work. In 9 months your director has attended 56 Executive Council and committee meetings which required formal notices of meetings, agenda and minutes besides many informal conferences and meetings for settling details on various decisions and requests. Reorganization of finances required many conferences with the Comptroller's staff and setting up a system for the alumni office. Interviews with department and faculty members are frequent and many visitors drop in to the office for advice and to be escorted around the building. All this is very welcome in the work with alumni. Detailed assistance in checking various sources to locate lost alumni is a necessity. Many trips are necessary to handle the details of banking, getting cheques co-signed, obtaining tenders and prices on various printing requirements, and in checking with printers, post office, business places and committee members. If the alumni director doesn't always seem to be in the office when expected, you can be sure he is busy somewhere.

WESTERN ONTARIO SECONDARY SCHOOLS' ASSOCIATION

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

The Western Ontario Secondary Schools' Association, with its permanent office at the University, is able to report another year of progress and success for the academic year 1953-54. In providing competition for the secondary schools of Western Ontario, the Association was instrumental in bringing many thousands of boy and girl students to the campus both as spectators and as participants. The level of athletic achievement was high; the standard of sportsmanship was in the best Western tradition of good, clean amateur sport. W.O.S.S.A. continued to play a leading role in the development of a strong provincial organization for secondary school athletics. The emergence of a constitution for the Ontario Federation of School Athletic Associations, and the establishment of a code of athletics for coaches, players, and spectators highlighted the work of the past year in this area.

Achievement in the field of athletics reached a new high for W.O.S.S.A. in Ontario competition. Six championships were carried off by W.O.S.S.A. schools in tournaments with other sections of the province. These were in football, track and field, basketball ("A" and "B" schools) and Volleyball ("A" and "B" schools).

Seventy-six schools in Western Ontario engaged in active W.O.S.S.A. competition. Twenty-six of these were "A" schools, schools with a total student enrollment of over 450 students; fifty of them were "B" schools, schools with over 200 and under 450 students.

Eleven activities were engaged in: football, basketball, track and field, volleyball, public speaking, badminton, hockey, soccer, tennis, curling, six-man football. In addition, invitation meets were held at the University in gymnastics and swimming, through the cooperation and interest of the Department of Physical, Health and Recreation Education. Indicative of the extent of participation in W.O.S.S.A.-sponsored activities were these data:

"A" Track Meet	-	460 competitors
"B" Track Meet	-	960 competitors
Football	-	47 teams
Basketball	-	241 teams
Volleyball	-	61 teams
Public Speaking	-	73 competitors

While some schools were successful in several lines of competition, it was gratifying to note that 30 different schools were declared winners in one or more competitions.

Mr. W. H. Jack, principal of Listowel High School, assumed the office of President at the annual meeting in May. Mr. R. VanWagoner, of Galt, became first Vice-President, while Mr. J. C. Herbert, principal of Ingersoll District Collegiate Institute, was elected as second Vice-President.

Two major tasks face W.O.S.S.A. in the future. The first is to consider revision of the groupings and size of "B" class schools. Need for this has arisen with the recent growth in school population of many of our smaller schools, and the reorganization of smaller area schools into one large district school. The second task is the revision of the W.O.S.S.A. Constitution to keep it abreast of progress and expansion among our secondary schools.

JOINT McINTOSH COMMITTEE

Report of the Secretary - R. A. Allen

In the year 1953-54 the Joint McIntosh Committee provided prizes in Business Administration (\$600), Geography (\$800) and for Debating and Public Speaking (\$460); made grants of \$200 to the University Choir and \$100 to the Opera Workshop for the purchase of music; and contributed largely to the preparation of the Fourth Annual Art Exhibition.

The Exhibition, arranged by Mr. B. M. Greene, was devoted this year to 17th Century Dutch painting and included fine examples of the work of Rembrandt, Frans Hals, Hobbema, De Hooch, De Witte, Ruysdael, Bol, Saenredam, Van Goyen, etc. It was opened officially the evening of February 20th by Dr. E. P. Richardson, Director of the Detroit Institute of Arts, who also gave a public lecture in the afternoon on "Dutch Painting in the Age of Rembrandt and Frans Hals".

A specially interesting feature of this year's exhibition was the showing of Hobbema's "The Two Water Mills", the gift of the Government of the Netherlands to the Government of Canada to commemorate the liberation in 1945. The University was privileged to show the painting through the kindness of the National Gallery in Ottawa. The Official Opening was attended by His Excellency Dr. A. H. J. Lovink, Ambassador of the Netherlands to Canada, who referred to the picture as a symbol of the friendship between the two countries and compared Holland's Golden Age of the 17th century with Canada's 20th century.

Two series of twelve public lectures were given in the McIntosh Gallery, one on the History of Music by Professor Alfred Rosé and the second on the History of Art by Mr. Philip Aziz. These lectures were designed for the general student body as a cultural addition to the prescribed curricula. Mr. Aziz also lectured to several groups on the Dutch paintings while the Exhibition was in the Gallery.

The University Choir has been mentioned as one of the organizations assisted by the Joint McIntosh Committee. The Choir, an all-University group with some 90 members representing all faculties and schools, holds its weekly practices and social meetings in the McIntosh Gallery, which also houses its library of music. Under the direction of Professor Rosé the Choir gave two excellent concerts on the campus, in December and March, and in February participated in the annual Intervarsity Choral Festival in Guelph. The Opera Workshop, also under the direction of Professor Rosé, presented three interesting Sunday afternoon musicales in Convocation Hall which were well attended and much enjoyed. Due to conflicting dates and other difficulties it was considered advisable to postpone the annual opera production until the autumn of 1954.

The McIntosh Memorial Trophy for Inter-Year Debating was won by Kenneth Conyard and Hugh McKellar for the Class of 1954, the McIntosh Memorial Trophy for Inter-College Debating by Harold Jenner and Hugh McKellar for University College.

THE DEPARTMENT OF BUILDINGS AND GROUNDS

Report of the Superintendent - John Shortreed

During the year the Superintendent's forces averaged 85 employees. The distribution was technical 2, clerical 3, operating 19, maintenance 18 and caretaking 43. Of the 73 regular employees registered in July 1953 only 1 left during the year to find employment elsewhere indicating an acceptance of general working conditions.

The total salary expenditure within the department was \$196,613.53. Of this amount \$31,089.99 or 15 3/4% was charged to other departments, research grants, alterations and special events. For the accounting and billing of this latter portion of the labour budget 325 individual work orders were issued.

Materials amounting to \$57,167.60 were handled by the Superintendent's stores which initiated 1,167 purchase requests, a further 185 purchase requests were initiated in the office for materials to be charged directly to appropriations.

Operation of the Physical Plant

In addition to the Department's duties in operating the buildings and grounds for normal academic purposes, special arrangements were made for over 1000 individual events such as student parties, athletic events, educational meetings, convocations and social events. For such events this Department handled the applications for the space, the scheduling, the labour for preparation, supervision, ushering, parking and cleanup, and the accounting of the charges and the billing of the costs.

Maintenance of the Physical Plant

The main reading room in the Library was re-lighted and painted. Accoustical correction was carried out in Room 205 University College and fluorescent lights installed. Lighting was improved in Rooms 310, 311, 312, 313, and 314 University College. The exteriors of 4 buildings were painted.

A section of the main football field was re-sodded to replace areas of bent grass which continually spreads across the playing area. Using soil from the excavation for the Library Addition, the north end of the football practise field was levelled so that the playing area would be regulation size with 15 yard end zones.

The paving programme was continued on University roads. The road running south from the bus stop up the hill east of Thames Hall and then north to University College was paved. The road leading north from the bus stop to the turning loop east of the Natural Science Building was paved.

A control, governed by outside temperature, was installed on the heating system in the Collip Medical Research Building. A new air compressor and a new vacuum pump were installed at Medical School replacing

the original equipment installed when the building was constructed.

The transformer bank in University College was replaced with a single unit which increased the capacity from 75 KVA to 150 KVA. This was necessitated by the increased load of University College, due to the improvement of the lighting throughout the building, the Library stack addition and the planning of Stevenson Hall.

Alterations to the Physical Plant

Re-allocation of space in the main building of the Lawson Memorial Library because of the new stack addition necessitated some alterations on the basement and main floors. Several wooden partitions were relocated and stacks rearranged in the basement to give more working space for classifying. On the main floor the offices of the Librarian, the Assistant Librarian and the general office were relocated.

Extensive alterations were started in University College to convert administrative office space into academic space. To give an early start so that the academic space would be ready for the fall term, the administrative offices with the exception of the Registrar's Office, were moved to temporary quarters in Thames Hall. The alterations will provide an increase of 75 laboratory seats, 175 lecture room seats and 14 academic offices.

The Geography Department was moved from the Natural Science Building to University College.

Additions to the Physical Plant

The work on the construction of the stone pylons at the Richmond Street entrance built with the funds from the estate of the late Mrs. Edna Jeffery was completed.

An addition to the Lawson Memorial Library was constructed. The building houses 4 floors of stacks and a fifth floor provides a reading room for 48 persons, an office for an assistant librarian and a section of closed stacking for reserved volumes. The 4 floors of stacks also contain 28 carrels and 3 office-work rooms. The addition has shelving for 150,000 volumes.

A contract was let and work commenced on the construction of Stevenson Hall. This new building is to provide office space for the University Administrative group releasing areas of University College for academic classrooms and offices. The building will house the President, the Vice-President, the Comptroller, the Dean of Men, the Dean of Women, the Registrar's Office, the accounts office, the Buildings and Grounds Department, the Post Office, and the switchboard. The building will have an architectural volume of 208,000 cubic feet and will be connected through the Library to University College by tunnel walk-way.

UNIVERSITY NAVAL TRAINING DIVISION

Report of the Commanding Officer - Lt. Cmdr. C. H. Aharan, R.C.N.(R)

The University Naval Training Division was instituted by the Navy for the selection of young men in Canadian Universities to perform Officer's training while they are undergraduates and thereby prepare themselves for promotion to commissioned rank in the Naval Reserve upon graduation.

Students who are accepted must pass through two stages as undergraduates before they are eligible to receive a commission in the Reserve. They are enrolled as Probationary Cadets in the branch for which they apply; and subsequently if they pass a Cadet Selection Board they are promoted to the rank of Cadet RCN(R) in the appropriate branch. On completion of the U.N.T.D. programme successful Cadets may be promoted:

- (a) if accepted for the Reserves before graduation to the rank of Acting Sub.Lieutenant, to be confirmed on graduation;
- (b) if accepted for the Reserves after graduation to the rank of Sub.Lieutenant.

The weekly parades of the U.N.T.D. during the 1953-54 academic year were held on Wednesday evenings, as in previous years. The staff was headed by the Commanding Officer, Lieutenant Commander N. B. G. Taylor, a member of the faculty of the University of Western Ontario, and his assistant, a permanent force Staff Officer, Lieutenant A. T. Orr. The remaining administrative and instructional staff consisted of five other commissioned officers appointed from the parent ship, H.M.C.S. "Prevost". Cadets received instruction in General Service Knowledge, Communications, Navigation, Seamanship, Gunnery and Anti-Submarine Warfare.

Ten first year Cadets were enrolled, while eleven senior Cadets were promoted to the rank of Acting Sub.Lieutenant. An average complement of 44 Cadets was maintained throughout the year.

The Regular Officer's Training Plan (R.O.T.P.), a tri-service scheme for the subsidization of students at Canadian Universities, or Tri-Service Colleges, as mentioned in the 1952-53 report, was inaugurated at this University by the appointment of two R.O.T.P. candidates to this Unit.

The Department of National Defence has endeavoured to inform prospective University students, now attending High Schools, of the R.O.T.P. and the U.N.T.D. schemes. This has met with some success as several letters of enquiry have been received from High School students.

In last year's report it was mentioned that R.O.T.P. Cadets in the Executive Branch would receive two years academic study at Universities, after which they were taken directly into the Navy for further training.

Students in the Executive Branch were thus unable to obtain a degree at College. This matter was discussed at some length at the Commanding Officers U.N.T.D. Conference, held in Hamilton, Ontario, on 3 and 4 June, 1954. It was the unanimous opinion of the Commanding Officers that this policy was unsatisfactory to the Cadet, the University, and in the long run to the Navy. It is unlikely, however, that any change in this policy will be forthcoming in the foreseeable future.

Enquiries and applications by students were considerably below the number of enquiries received in previous years, the total number of applications being 17, compared to 56 for the year 1952-53. Of this number, 7 applicants withdrew for various reasons (medical, loss of interest, family, et cetera), leaving 10 Cadets to appear before the Travelling Selection Board.

The Travelling Selection Board which consisted of 7 members - 3 from The Commanding Officer Naval Divisions staff, Headquarters for Reserves; 2 members of the faculty of the University of Western Ontario; and a member from both the U.N.T.D. staff and H.M.C.S. "Prevost" - convened on 13 and 14 January, 1954, for the selection of Cadets RCN(R) from the first year Probationary Cadets. All the Cadets who appeared before the Board were recommended for promotion to the rank of Cadet for further training.

During the academic year a total of 29 parades was held, 25 of which were instructional, while the other parades were for special functions. The special functions included:

11 November	-	Remembrance Day Parade
4 December	-	Tri-Service Ball
26 March	-	Annual Cadet Mess Dinner
28 March	-	Church Parade; and Cadet Graduation Ceremonies

The Cadets from this University sent a team to the Tri-Service Rifle Competition held in Kingston, Ontario, on 30 January, 1954.

The first year Cadets' winter training consisted of basic training in General Service Knowledge, History and Customs of the Naval Service, Communications, Navigation Part I, Seamanship Part I, and Parade Training. Second year Executive Cadets received more advanced training in the aforementioned subjects, while Supply Cadets received introductory Supply lectures. A new scheme introduced locally and known as the Junior Staff Course was initiated for the third year Cadets. As these Cadets complete their formal training by the end of their second summer, this course was designed to stimulate interest and to supplement their knowledge of the other two Services and also give them a deeper insight into Naval History, Customs and Traditions, and current events pertinent to the Armed Forces. Lectures and discussion groups were conducted in this course by persons of authority in their respective fields. Among the guest lecturers were senior officers from both H.M.C.S. "Prevost" and from the staff of The Commanding Officer Naval Divisions; also lecturers other than naval personnel including:

Squadron Leader K. O. Moore, Chief Administrative Officer,
R.C.A.F. Station, London, Ontario.

Lieutenant Colonel J. J. Talman, University Librarian
and Commanding Officer C.O.T.C., University of
Western Ontario.

Mr. T. Bartroli, Lecturer in Spanish, University of
Western Ontario.

Professor L. Ignatieff, Head of Russian Studies,
University of Western Ontario.

Captain J. Misener, Colonial Steamship Lines

The enthusiasm shown and the results obtained from this
course were most gratifying.

The training for the year terminated in what may be called a
Naval week-end. On the evening of 26 March a Mess Dinner was held at
H.M.C.S. "Prevost" with Lieutenant-Commander H. E. T. Lawrence, Staff
Officer U.N.T.D. Canadian Universities, as guest speaker. Also at this
dinner Commander Nelson C. Hart, former Commanding Officer U.N.T.D.,
presented a silver punch bowl and three silver steins to the Gunroom Mess.
This presentation was made possible by contributions of former Cadets to
the Bounty Pay Fund during the years 1943 to 1948. The following evening,
the 27 March, the Cadets entertained in the Wardroom Mess the officers
of the U.N.T.D. Training Staff, along with the Captain, Executive Officer
and Staff Officer of H.M.C.S. "Prevost". On Sunday morning, 28 March,
the U.N.T.D.s paraded to church in accompaniment with the Ship's Company
of H.M.C.S. "Prevost". Commodore Adams, Commanding Officer Naval Divis-
ions, took the salute at the march past. In the afternoon of this day the
Cadet Graduation Ceremonies were held on the parade deck of H.M.C.S.
"Prevost", at which time Commodore Adams addressed the Cadets and their
families and friends. The first year Cadets who had successfully passed
the Travelling Selection Board were presented with diplomas. Graduation
Diplomas were also presented to the following Cadets on receipt of their
commission:

	Cadet(S)	G. C. Conn
	Cadet(S)	N. R. Cumming
	Cadet(Air)	V. S. Emery
	Cadet	H. R. Erskine
Surgeon	Cadet	D. B. Forbes
	Cadet	M. M. Laing
	Cadet(Air)	C. I. Mason
Ordnance	Cadet	J. R. McDowell
	Cadet	T. G. M. McIntyre
	Cadet	H. B. A. Russell
	Cadet	J. G. Showers

The following special awards for outstanding performance during
the year were also presented:

First Year Award	P. G. R. Harding
Second Year Award	F. A. Perry

(Presented by Commander Gilbride, Commanding Officer
H.M.C.S. "Prevost")

Marksmanship Award

M. M. Laing

(Presented by Lieutenant Commander Lawrence, D.S.C., Staff Officer U.N.T.D. Canadian Universities)

Efficiency Award

A. J. Nicol

(Presented by Dr. G. E. Hall, President, University of Western Ontario)

The Nelson C. Hart Award

N. R. Cumming

(Presented by Commander Nelson C. Hart, RCN(R)(Retired) former Commanding Officer U.N.T.D.)

General Proficiency Award

W. D. McKeough

(Cock-of-the-Walk Award)

(Presented by Commodore K. F. Adams, Commanding Officer Naval Divisions)

The summer training of the Cadets was carried out at both east and west coasts, with satisfactory results. First year Cadets were trained on the east coast, with the exception of first year R.O.T.P. Cadets who went to the west coast. All second year Cadets were trained on the west coast, while third year cadets were trained on both coasts, depending on courses required. Due to the establishment of "The Venture Plan", a scheme designed to train young men with junior matriculation to the qualifications of a commissioned officer, summer training on the west coast terminated earlier than anticipated, although none of the Cadets from this University were affected.

The training cruises during the summer period were somewhat curtailed. East coast cruises were limited to New York, Boston and Newfoundland, while west coast cruises went to Seattle, San Francisco, Long Beach, and various Canadian ports.

It is believed that the summer training policy for first and second year Cadets followed in the past two summers is primarily responsible for the rather marked reduction in first year enrollment. It is our understanding at the present time that this policy will be revised and that greater facilities for training afloat will be provided next summer.

It is believed that the U.N.T.D. on this campus enjoyed one of its most successful and fruitful years. This fact is due, in a very large measure, to the untiring efforts of the former Commanding Officer, Lieutenant Commander M. B. G. Taylor, and his Staff Officer, Lieutenant A. T. Orr.

UNIVERSITY OF WESTERN ONTARIO CONTINGENT
CANADIAN OFFICERS' TRAINING CORPS

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

This report covers the training year 1 October 1953 to 30 September 1954.

Recruiting

Recruiting was more successful than it had been previous years, thirty-one first year cadets having been enrolled. These were distributed as follows:

University College	-	19
Assumption College	-	9
Waterloo College	-	3

The success of the recruiting may be attributed to many factors. The usual programme of advertising in student newspapers was followed. All freshmen were interviewed on registration and were later circularized individually by mail.

An interesting experiment which was carried out was a familiarization trip to Camp Borden offered by the Contingent, with cooperation from Area Headquarters, and it proved to be of value from an Army indoctrination point of view.

There did seem to be a greater interest in national affairs evident among first year students than there had been in recent years.

Theoretical Phase Training

The winter programme followed the syllabus which had been little altered from previous years and which has been described in earlier reports.

Practical Phase Training

Fifty-seven Officer Cadets and Second-Lieutenants underwent practical phase training during the summer. Of these no fewer than four were chosen for service with the 1st Canadian Infantry Brigade in Germany. In view of the limited numbers taken and the comparative strength of UWO Contingent COTC, this was an above average representation.

The record of success at the Corps Schools was higher than in previous years. 2/Lt Paul Fleck won the Sword of Honour at the RCOC School, Long Point, Quebec. No fewer than nineteen members of the contingent received "B" averages, which is an above average Army rating. Of the total number undergoing practical training there were only two training failures.

Conclusion

Without a doubt the success which the Contingent honestly feels can be claimed would have been impossible without the wholehearted support of the University administration and faculty which has been a characteristic feature since the inception of the COTC training.

The Contingent was unfortunate in losing Major J F Taylor who was posted as Public Relations Officer to the Canadian Forces in Korea in May 1954. Major Taylor, one of a series of excellent RSOs who have been attached to the Contingent, kept up the high standards of his predecessors. At this place it may be added that the RSO is a key figure who must not only have high technical military qualifications but a point of view which can adjust to the particular features of a university atmosphere. Major Taylor has been succeeded by Major R A Virtue, RCIC, formerly of Headquarters, New Brunswick Area.

Since I am relinquishing command of the unit on 2 October 1954, this will be my last report to you and I must take this opportunity to thank you for all the assistance given to me personally as Officer Commanding and to bespeak for my successor, Lt Col R N Shervill, the same cooperation as I have always received.

Lt Col Shervill's experience with the contingent as cadet, sub-altern, and 2 I/C, added to his distinguished service record, makes him eminently well qualified for the appointment of Commanding Officer of the Contingent.

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

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

The U.R.S. at this university includes a permanent force support unit (one officer and one airman), six Primary Reserve Staff Officers, and undergraduates enrolled in the U.R.T.P. or the R.O.T.P. Of the six staff officers, one is at Assumption University, one at O.A.C., Guelph, and four at U.W.O.

The U.R.T.P. (for reserve officers) and the R.O.T.P. (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. During the summers, U.R.T.P. and R.O.T.P. cadets proceed to Officers' School, then to specialized training in Aircrew, Technical branches, or such branches as Administration, Supply, Medical Services. At the end of three summers, cadets who have done well in their training are granted their commissions.

During the winter of 1953-54, the U.R.S. attained a maximum strength of 85 personnel, all but seven of whom were registered at U.W.O. Of the

total strength, eleven were females. Academic failure at the May examinations resulted in the loss of only two cadets from the U.R.S.

The winter training programme, directed by S/L T. L. B. Hoskin, was very successful. Lectures by staff officers and by university lecturers from such departments as History, Geography, and Economics were balanced by films concerned with aviation and technical subjects. The courses in Current Affairs and Military Geography were particularly effective.

In addition to the training programme, the cadets attended the Remembrance Day service, the Inter-collegiate Rifle Shoot at R.M.C. Kingston, the Tri-service Ball, and two informal receptions in the Officers' Mess, Station London.

One severe difficulty which still faces this unit is the lack of a lounge or mess where cadets may read aviation magazines and wait for interviews. The office (R 112, Thames Hall) is adequate as an office but must also be used as a board room and lounge.

Mention should be made of the outstanding work done by F/L D. A. Griggs at O.A.C., where seven cadets were recruited during the winter. Liaison with O.A.C. is maintained by frequent trips between Guelph and London.

The cooperation of the university in providing facilities for the U.R.S. has been a major factor in the success of the squadron in recent years. It is hoped that integration with university affairs will continue to be the policy of the U.R.S., for the R.C.A.F. needs officers (both reserve and regular) who are intelligent and alert citizens as well as being competent in their branch in the service.

U.R.S. Staff 1953-54

W/C M. H. M. MacKinnon	-	Commanding Officer
S/L T. L. B. Hoskin	-	Chief Training Officer
F/L J. W. Gwynne Timothy	-	Assistant Training Officer
F/O R. R. Ort	-	Administrative Officer

S/L E. J. Hartmann	-	Representative at Assumption University
F/L D. A. Riggs	-	Representative at O.A.C., Guelph

F/L R. Y. Cannon	-	Resident Staff Officer
Cpl. J. R. Edwards	-	Orderly Room Clerk

Table No. 1 - REGISTRATION SUMMARY - WHOLE UNIVERSITY - 1953-54

College:	UNDERGRADUATE		GRADUATE		Part-time	Correspondence	Extension	Summer School	GROSS TOTALS	Dupli-cates	NET TOTALS	Gain	Loss
	Full-time	Part-time	Full-time	Part-time									
ARTS:													
Alma College	-	-	-	-	-	-	-	-	-	-	-	-	-
Huron College	30	-	-	-	-	-	-	-	30	-	30	5	-
Music Teachers College	9	-	-	-	-	-	-	-	9	-	9)	-	-
	25	2	-	-	-	-	-	-	27	-	27)	36	9
St. Peter's College	44	4	-	-	-	-	-	-	48	-	48	2	-
University College	920	14	53	6	177	454	391	2015	311	1704)	-	-	-
	384	10	14	5	80	225	159	877	117	760)	2464	-	362
Ursuline College	-	3	-	-	-	-	-	3	-	3)	-	-	-
	103	76	-	-	-	-	-	179	-	179)	182	45	-
Waterloo College	183	10	-	-	-	-	-	193	-	193)	-	-	-
	33	42	-	-	-	-	-	75	-	75)	268	37	-
FACULTY OF ARTS & SCIENCE	1186	31	53	6	177	454	391	2298	311	1987)	-	-	-
	545	130	14	5	80	225	159	1158	117	1041)	3028	-	1121
MEDICINE	223	1	27	1	-	-	-	252	-	252)	-	-	-
	15	1	6	3	-	-	-	25	-	25)	277	1	-
NURSING	89	-	-	-	-	-	-	89	-	-	89	35	-
BUSINESS ADMINISTRATION	140	-	83	3	-	-	-	226	-	226)	-	-	-
	5	-	-	-	-	-	-	5	-	5)	231	4	-
TOTAL FOR WHOLE UNIVERSITY	1549	32	163	10	177	454	391	2776	311	2465)	-	-	-
	654	131	20	8	80	225	159	1277	117	1160)	3625	-	1081

NOTE: Music Teachers College does not belong exclusively to the Faculty of Arts and Science, but its closest affiliation is to that Faculty, in which its students take considerable work for their diplomas in Music or their degrees. If Assumption College is not considered, there is a gain of 111 full-time students in the 1953-54 session. The loss in University College registrations is in the Extension and Summer School Department due to the fact that Elementary Teaching Certificates no longer require University work.

OCCUPATIONS OF STUDENTS' PARENTS

<u>Occupations:</u>	<u>Number of Students</u>	<u>Percentage of Students</u>
Agriculture	569	15.7
Business (unspecified)	174	4.8
Construction	142	3.92
Finance	331	9.13
Fishing	4	.11
Labour (unspecified)	61	1.68
Lumbering	29	.80
Manufacturing	508	14.01
Mining	33	.91
Service: Custom and Repair	278	7.68
Domestic and Personal	37	1.02
Professional -		
Education	130	3.58
Engineering	98	2.71
Health - Doctors, Dentists, Optometrists	176	4.85
Druggists	30	.83
Laboratory Technicians	10	.28
Law	53	1.46
Religion	90	2.48
Miscellaneous:		
Artists and Musicians	5	.14
Entertainment	12	.34
Publications	38	1.05
Social Service	5	.13
Public Service:		
Municipal, Provincial, Federal	192	5.29
Trade	285	7.86
Transportation	215	5.93
Retired (former occupation not specified)	23	.63
Deceased (former occupation not specified)	26	.72
Unreported	71	1.96
	<u>3625</u>	<u>100.00%</u>

RELIGIOUS DENOMINATIONS OF STUDENTS

Denominations	Alma	Huron	Univer- sity	St. Peter's	Ursu- line	Water- loo	Music Teaches	Medi- cine	Nurs- ing	Bus. Admn.	Total	%
Anglican	-	30	500	-	9	37	2	54	21	47	700	19.31
Associated												
Gospel	-	-	2	-	-	-	-	-	1	-	3	.09
Baptist	-	-	109	-	-	5	3	12	5	6	140	3.87
Buddhist	-	-	-	-	-	-	-	1	-	1	2	.06
Christadelphian	-	-	-	-	-	-	-	-	-	1	1	.03
Christian												
Science	-	-	10	-	-	2	-	-	-	1	13	.36
Christ Disciples-	-	-	11	-	-	-	-	-	-	-	11	.31
Christian												
Reformed	-	-	2	-	-	-	-	-	-	-	2	.06
Congregational	-	-	-	-	-	-	-	1	-	-	1	.03
Evangelical	-	-	16	-	-	14	-	1	-	2	33	.92
Gospel Hall	-	-	2	-	-	-	-	-	-	-	2	.06
Greek Orthodox	-	-	19	-	1	1	1	4	-	3	29	.72
Hebrew	-	-	50	-	-	2	-	19	-	6	77	2.13
Hindu	-	-	1	-	-	-	-	-	-	-	1	.03
Latter Day												
Saints	-	-	4	-	-	-	-	1	-	-	5	.14
Lutheran	-	-	61	-	3	57	2	19	3	7	152	4.19
Mennonite	-	-	20	-	-	23	-	3	1	1	48	1.33
Methodist	-	-	11	-	-	-	-	-	1	1	13	.36
Pentecostal	-	-	7	-	-	-	-	2	-	-	9	.25
Plymouth												
Brethren	-	-	16	-	-	-	1	2	1	3	23	.64
Presbyterian	-	-	279	-	3	46	3	26	13	22	392	10.79
Quaker	-	-	-	-	-	-	-	-	-	1	1	.03
Roman Catholic	-	-	270	48	158	16	4	27	9	31	563	15.54
Salvation Army	-	-	4	-	-	1	-	1	1	-	7	.19
Seventh Day												
Adventist	-	-	1	-	-	-	-	-	1	-	2	.06
Swendenborgian	-	-	1	-	-	1	-	-	-	-	2	.06
United Church	-	-	1004	-	8	61	18	97	31	94	1313	36.23
United Missionary	-	-	5	-	-	2	-	-	-	-	7	.19
Protestant												
Unspecified	-	-	59	-	-	-	2	7	1	4	73	2.02
TOTALS:	-	30	2464	48	182	268	36	277	89	231	3625	100.00%

EXAMINATION RESULTS, 1953-54

FACULTY OF ARTS & SCIENCE:		Students who wrote	No. who passed all their exams. at first attempt	%	No. who passed all supps. or special examinations	%
University College						
Intramural	Men	905	526	(58.12)	154	(15.91)
	Women	386	273	(70.72)	51	(13.21)
		<u>1291</u>	<u>799</u>	<u>(61.89)</u>	<u>205</u>	<u>(15.87)</u>
Extramural & Extension	Men	452	369	(81.63)	21	(4.64)
	Women	226	203	(89.82)	8	(3.53)
		<u>678</u>	<u>572</u>	<u>(84.36)</u>	<u>29</u>	<u>(4.27)</u>
Summer Session	Men	391	336	(85.93)	3	(.76)
	Women	142	136	(95.77)	3	(2.11)
		<u>533</u>	<u>472</u>	<u>(88.55)</u>	<u>6</u>	<u>(1.12)</u>
All Departments in Univ. College	Men	1748	1231	(73.66)	178	(10.18)
	Women	754	612	(81.16)	62	(8.22)
		<u>2502</u>	<u>1843</u>	<u>(73.66)</u>	<u>240</u>	<u>(9.59)</u>
Huron College	Men	30	17	(56.66)	7	(23.33)
Music Teachers College	Men	9	3	(33.33)	3	(33.33)
	Women	25	22	(80.00)	-	(00.00)
		<u>34</u>	<u>25</u>	<u>(73.52)</u>	<u>3</u>	<u>(8.82)</u>
St. Peter's College	Men	43	26	(60.46)	5	(11.62)
Ursuline College	Women	133	101	(75.93)	8	(6.01)
Waterloo College	Men	186	107	(57.52)	27	(14.51)
	Women	75	47	(62.66)	8	(10.66)
		<u>261</u>	<u>154</u>	<u>(59.00)</u>	<u>35</u>	<u>(13.40)</u>
<hr/>						
FACULTY OF ARTS AND SCIENCE	Men	2016	1384	(68.65)	220	(10.91)
	Women	987	782	(70.92)	78	(7.90)
		<u>3003</u>	<u>2166</u>	<u>(72.12)</u>	<u>298</u>	<u>(9.92)</u>
<hr/>						
SCHOOL OF BUSINESS ADMINISTRATION	Men	140	126	(90.00)	4	(2.85)
	Women	4	4	(100.00)	-	(0.00)
		<u>144</u>	<u>130</u>	<u>(90.27)</u>	<u>4</u>	<u>(2.77)</u>
FACULTY OF GRAD- UATE STUDIES	Men	136	132	(97.05)	-	(0.00)
	Women	17	17	(100.00)	-	(0.00)
FACULTY OF MEDICINE	Men	220	195	(88.63)	21	(9.54)
	Women	16	14	(87.50)	1	(6.25)
		<u>236</u>	<u>209</u>	<u>(88.55)</u>	<u>22</u>	<u>(9.32)</u>
SCHOOL OF NURSING	Women	87	83	(95.40)	-	(0.00)
<hr/>						
WHOLE UNIVERSITY	Men	2512	1837	(73.12)	245	(9.75)
	Women	1111	900	(81.00)	79	(7.11)
		<u>3623</u>	<u>2737</u>	<u>(75.54)</u>	<u>324</u>	<u>(8.94)</u>

SCHEDULE OF RESEARCH FUNDS

FOR THE YEAR ENDED JUNE 30, 1954

Faculty of Medicine

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
Amer. Otological Soc.	Dean J. B. Collip	American Otological Society Research Fund
Dept. of Agriculture	Dean 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
Canadian Arthritis and Rheumatism	Prof. F. S. Brien	A study in connection with joint tissue.
Amer. Physiological Society	Prof. A. C. Burton	Research in Biophysics
Atlas Powder Co.	Prof. R. J. Rossiter	Nutritional Biochemical Study
J. P. Cannon and Co.	Dean J. B. Collip	Atherosclerosis and Hypertension Research
J. P. Bickell Foundation Research Fund	Prof. M. L. Barr	Nutritional Biochemical Study
Ont. Cancer Treatment & Research Foundation	Prof. J. Fisher Dr. I. Smith	Experiment Production of Lung Fibrosis as a result of radiotherapy.
Sundry Donors	Dean J. B. Collip	Medical Research
Sundry Donors	Faculty of Medicine	U.W.O. Cancer Research Project (General)
Ont. Cancer Treatment & Research Foundation	Prof. L. D. Bartelink	Establishment of a unit for treatment and diagnosis with radioactive isotopes
Ont. Cancer Treatment & Research Foundation	Dr. C. G. Drake	Investigation of the effect of Gamma Radiation on Malignant Brain Tumours, using a Radioactive Isotope in the Tumour Bed
Ont. Cancer Treatment & Research Foundation	Prof. R. L. Noble.	Clinical Studies on the action of Lithospermum

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
Defence Research Board	Prof. A. C. Burton	Development of Servo Chest Res- pirator.
Defence Research Board	Dr. G. W. Manning	Investigation into T-wave ab- normalities in the Electro- cardiogram of apparently fit Aircrews
Defence Research Board	Dr. G. W. Manning	Cardiovascular Research
Defence Research Board	Prof. J. A. F. Stevenson	Research on metabolic re- actions to dietary, temperature, and traumatic stresses
Defence Research Board	Prof. A. C. Burton	Research on the evaporative loss of heat of man in cold environment
Defence Research Board	Prof. R. A. Waud	Research on the effects of Dextran
Defence Research Board	Prof. R. J. Rossiter	Construction of a Defence Me- dical Laboratory (Boiler Room Alterations)
Defence Research Board	Prof. R. J. Rossiter	Construction of a Defence Medical Laboratory (Installed Equipment)
Defence Research Board	Prof. R. J. Rossiter	Construction of a Defence Medical Laboratory (Other Me- dical School Alterations)
Defence Research Board	Prof. R. J. Rossiter	Construction of a Defence Medical Laboratory (Other)
Defence Research Board	Dr. H. A. DeLuca	The effect of cold on choles- terol 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	Research on Haemodynamic and other aspects of acute blood and fluid loss
Mr. R. W. Frost	Dr. G. E. Hall	Medical Research
A. Hyman Estate, etc.	Dr. G. W. Manning	Cardiovascular Research under the direction of Dr. G. W. Manning.

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
Ont. Dept. of Health	Prof. R. J. Rossiter	A study of the biochemistry of the central nervous system
Ont. Dept. of Health	Prof. G. W. Stavraky	Experimental epilepsy and the mechanics of shock therapy
R. C. A. F.	Prof. G. E. Hobbs	A study of personal background of pilot in fatal training accidents
Ont. Dept. of Health	Prof. G. E. Hobbs	The social aspect of Psychoses, Neuroses, etc.
Ont. Dept. of Health	Prof. M. L. Barr	Nucleoprotein Metabolism of the Brain
Ont. Dept. of Health	Prof. F. S. Brien	Nutritional Studies in the Aged
Ont. Heart Foundation	Dr. G. W. Manning	Heart Research
Ont. Dept. of Health	Prof. J. C. Paterson	Studies on Experimental Tuberculosis
Ont. Heart Foundation	Prof. R. A. Waid	The peripheral and vascular effects of hypertensive agents as studied on mechanical heart-lung dogs
Ont. Dept. of Health	Prof. R. L. Noble	Physiological effects of some Dietary Components
Ont. Dept. of Health	Prof. G. E. Hobbs	Social Factors in Mental Illness
Ont. Heart Foundation	Prof. J.A.F. Stevenson	The Mechanisms of Cardiovascular Responses to Anaemia
Ont. Heart Foundation	Dr. E. A. Bartram	Clinical Applications of Ballistocardiography with particular reference to Hypertensive Heart Disease and Sclerotic Heart Disease
Ont. Dept. of Health	Prof. E. M. Watson	Connective Tissue in Relation to Disease
The Ruth Knox Herman Fund	Dean J. B. Collip	Medical Research Fellowship
Life Insurance Medical Research Fund	Prof. A. C. Burton	Factors in cardiovascular diseases including studies of Victor Cardiograph, proteinuria and vascular linings

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
Cndn. Life Insurance Officers Association	Prof. G. E. Hobbs	Motor Vehicle Accident Prevention Study
Cndn. Life Insurance Officers Association	Dr. G. W. Manning	Research in the broad field of Cardiology
John Labatt Limited	Prof. R. J. Rossiter	Research in the Dept. of Biochemistry into the medical applicability of certain isotopes
Cndn. Life Insurance Officers Association	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 Association	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		Summer Research Fellowships in Biochemistry and Physiology
Sundry Donors	Faculty of Medicine	Medical Alumni Research Fund
F. K. Morrow Foundation	Prof. G. E. Hobbs	The Relation of Population Changes to Health and Disease
R.C.A.F.	Dr. G. W. Manning	Dept. of Medicine Cardiovascular Research Account
J. McClary Memorial Fund	Prof. G. E. Hobbs	Research in Industrial Medicine
D. H. McDermid Fund	Dean J. B. Collip	General Medical Research
John & Mary R. Markle Foundation	Dr. L. G. Stevenson	Support of Research of Professor L. G. Stevenson
John & Mary R. Markle Foundation	Dr. A. C. Wallace	Support of Research of Dr. A. C. Wallace

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
Neurosurgical Research Fund	Dr. C. Drake	Neurosurgical Research
National Research Council	Dr. G. W. Manning	The effect of gall bladder distension on the egg and mortality in dogs with cardiac infarction
National Research Council	Dr. J. W. Pearce	The nervous regulation of the pulmonary vascular system
National Research Council	Prof. E. M. Watson	The biochemistry of connective tissues with particular reference to the metabolism of the mucopolysaccharides
National Research Council	Prof. G. W. Stavraky	Study of the irritability of partially isolated neurones in the central nervous system to electric and reflex stimulation
National Research Council	Prof. C. C. Macklin	The epithelium of the finer bronchicles
National Research Council	Dr. C. W. Gowdy	The effects of digitalis and related steroids on heart failure produced by increased venous pressure
National Research Council	Prof. M. L. Barr	A morphological distinction between neurons of the male and female
National Research Council	Prof. R.G.E. Murray	Acytological study of bacterial cells infected with bacteriophage
National Research Council	Prof. R. A. Waud	Extra-cardiac actions of digitalis especially on the kidney of an animal in which the circulation is maintained by means of a mechanical device
National Research Council	Dean J. B. Collip	Consolidated Block Grant
National Research Council	Prof. R. J. Rossiter	Consolidated Grant - a biochemical study of demyclination, a biochemical approach to the physiology of the white blood cell
National Research Council	Prof. R.G.E. Murray	The biochemistry of the bacterial spore
National Research Council	Dr. C. F. Robinow	Cytological studies of bacteria
National Research Council	Prof. A. D. McLachlin	Further studies in intra-arterial transfusion

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
National Research Council	Prof. E. M. Watson	Hyaluronidase and renal lithiasis
National Research Council	Prof. A. C. Burton	Study of stability of components of serum (e.g. cholesterol) by interfacial precipitation and chromatography
National Research Council	Prof. R.G.E. Murray	A cytological study of bacterial cells infected with bacteriophage. The biochemistry of the bacterial spore. A cytological and metabolic study of an unidentified organism
National Research Council	Prof. J.A.F. Stevenson	A study of hypothalamic centres influencing water exchange particularly thirst
National Research Council	Dr. N.B.G. Taylor	Further investigation of the urinary excretion of antidiuretic substance in various conditions
National Research Council	Prof. F. S. Brien	Further studies on hypersensitivity reactions and antigenicity of articular tissues
National Research Council	Dr. H. A. DeLuca	The role of hormones in carbohydrate metabolism
National Research Council	Dr. R. H. Pearce	Physico-chemical studies of the hyaluronic acid-hyaluronidase system
National Research Council	Dr. F. C. Heagy	A study of pentosenucleic acid (PNA) in bacteria
National Cancer Institute	Prof. R. L. Noble	Studies on growth of cells in experimental animals
National Cancer Institute	Prof. R. L. Noble	Associate Research Grant for J. D. Hamilton
National Cancer Institute	Prof. R. J. Rossiter	Study of the enzymes of the white blood cells with special reference to the leukaemia cells
National Cancer Institute	Prof. M. L. Barr	The rate of heterochromatin and the nucleoprotein synthesis
National Cancer Institute	Dr. R. W. Begg	An experimental study of the malignant properties of tumours in animals

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
National Cancer Institute	Dr. R. W. Begg	Fellowship for Dr. R. W. Begg
National Cancer Institute	Prof. C. C. Macklin	Effects of urethane and other carcinogens on pulmonary alveolar wall cells in albino mice and other animals
National Cancer Institute	Prof. R. J. Rossiter	Fellowship for Miss E. Wong
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	Cancer Research
National Cancer Institute	Dr. R. W. Begg	Fellowship for Mr. Frederick Lotz
National Research Council	Prof. A. C. Burton	Special Grant
National Research Council	Dr. F. C. Heagy	Special Grant
National Research Council	Dr. G. W. Manning	Special Grant
National Research Council	Dr. J. W. Pearce	Special Grant
National Research Council	Dr. C. F. Robinow	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	Dr. C. W. Gowdey	Special Grant
National Research Council	Prof. J.A.F. Stevenson	Special Grant
National Research Council	Prof. R. G. E. Murray	Special Grant
Province of Ontario	Prof. G. E. Hobbs	Special Hospital Survey Fund
Public Health Service (U.S.A.)	Prof. R. J. Rossiter	Dr. R. J. Rossiter (for James F. Berry)
Reckitt & Colman Ltd.	Prof. R. A. Waud	Medical Research
Riker Laboratories	Prof. R. A. Waud	Medical Research
R.C.A.F.	Prof. G. W. Stavrakys	Vasometer reactions encountered during Anoxia
T. & H. Smith Ltd.	Prof. R. L. Noble	Fund to provide expenses for Dr. K. M. Henderson's lithosperm research
Province of Ontario	Dr. G. B. Sexton	Research in improved instruction in Venereal Disease

<u>Name of Grantor</u>	<u>University College Name of Grantee</u>	<u>Description of Project</u>
Canada Packers Ltd.	Principal F. Stiling	Humanities Research
Defence Research Board	Dr. Gordon Turner	Supervision as a factor in morale
Defence Research Board	Prof. A. W. A. Brown	Research in the Physical Basis of Insect Repellancy
Defence Research Board	Dr. F. L. M. Pattison	Chemical Research Contract
Defence Research Board	Prof. A. D. Misener	Research on the application of Schlieren method to problems of heat detection
Defence Research Board	Prof. R. C. Dearle	Physics 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	D.D.T. resistance of mosquitoes in Canada
Defence Research Board	Dr. D. McLarty	The preparation of uni-algal and pure cultures of certain members of cyanophyta
Ont. Dept. of Health	Prof. R. B. Liddy	Postgraduate training in Clinical Psychology
Dept. of Mines and Technical Surveys	Prof. A. D. Misener	Kemano Tunnel Temperature Study
National Research Council	Dr. F.L.M. Pattison	Grant to cover expenses of Dr. J. K. Wiltshire under the direction of Dr. F.L.M.Pattison
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 variations 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

<u>Name of Grantor</u>	<u>Name of Grantee</u>	<u>Description of Project</u>
National Research Council	Dr. R. H. Stinson	The relationship of metabolism to temperature selection in a small mammal
National Research Council	Dr. C. Sivertz	Synthetic rubber extramural research
National Research Council	Dr. J. H. Blackwell	Microwave spectroscopy
National Research Council	Prof. A. R. Walker	A study of antibiotic production by parasitic soil inhabiting actinomycetes
National Research Council	Prof. A.W.A. Brown	The effect of insecticides on the physiology of insect nerves
National Research Council	Prof. A. D. Misener	Thermal performance of buildings and associated instrumentation
National Research Council	Prof. R. C. Dearle	Electron Cyclotron
National Cancer Institute	Prof. Helen Battle	Study of factors modifying rate of early developmental processes
National Cancer Institute	Dr. D. A. McLarty	Cancerous response of plants to chemical stimuli
Ont. Research Council	Dr. D. M. Scott	Limnology of Lake Erie
Ont. Research Council	Prof. A. D. Misener	Developments of Probe Method for measuring Thermal Conductivity of Rocks in situ
Ont. Research Council	Prof. G. H. Reavely	Pleistocene Investigations in Southwestern Ontario
Ont. Research Council	Prof. A. R. Walker	Study of soil microflora in relation to incidence of common scab of potato
Ont. Research Council	Dr. R. H. Stinson	Ecology of mammals in Rondeau Park. Taxonomy and Ecology of the wolf in Southern Ontario
Ont. Research Council	Dr. W. W. Judd	Study of the biology of mosquitoes in the vicinity of London, Ont.
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 Council	Prof. A. D. Misener	Microwave Spectroscopy
Dr. R. K. Stratford	Principal F. Stiling	Humanities Research
U. S. Air Force	Prof. A. D. Misener	United States Air Force Research Contract

Museums

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

Sundry Donors	School of Business Administration	Business 20 Case Account
Imperial Oil Ltd.	Prof. L. W. Sipherd	Imperial Oil Ltd. Research Project
Sundry Donors	Prof. L. W. Sipherd	Management Training Course Research Account

STAFF CHANGES

Retirements

- C. J. Bittner Associate Professor, Department of Economic & Political Science, University College
- W. T. Brennan Baker, Cafeteria
- H. R. Kingston Principal, University College; Dean, Faculty of Arts & Science; Lecturer, Department of Mathematics and Astronomy (On Leave).
- Mrs. V. Leah Secretary, Department of Chemistry, University College
- R. B. Liddy Professor and Head, Department of Psychology, University College
- A. B. Macallum Research Professor, Department of Biochemistry, Faculty of Medicine

Resignations

University College

- H. J. Breen Lecturer, Department of Psychology, effective June 30, 1954.
- Miss M. Bray Instructor, Department of Physical, Health and Recreation Education; Assistant, Athletics, effective June 30, 1954.
- Miss Jean Carmichael Assistant Professor, Department of Physical, Health & Recreation Education; Women's Director, Department of Athletics, effective June 30, 1954.
- Paul Thomas Instructor, Department of Physical, Health & Recreation Education; Assistant, Department of Athletics, effective June 30, 1954.

Faculty of Medicine

- Lloyd G. Stevenson Associate Professor, Department of Medical History and Literature; Lecturer in Preventive Medicine, Department of Psychiatry and Preventive Medicine, effective June 30, 1954.
- J. E. Merriman Research Assistant and Instructor, Department of Physiology, effective June 30, 1954.
- J. V. Halpenny Senior Fellow, Department of Pathology, effective June 30, 1954
- N.B.G. Taylor Assistant Professor, Department of Medical Research, effective June 30, 1954.
- D. L. Bartelink Professor and Head, Department of Radiology, effective June 30, 1954, but to continue as Lecturer, Department of Gross Anatomy.

School of Business Administration

- Mrs. I. Johnson Instructor, effective June 30, 1954.
- Mrs. P. Nicholson Research Associate, effective June 30th, 1954.

Resignations

School of Business Administration

Miss W. Beno Assistant and Lecturer (Part-time), effective
June 30, 1954.

W.O.S.S.A.

R. Ort Secretary, effective June 30, 1954.

Promotions

University College

J. L. Wild Associate Professor and Head to Professor and Head,
Department of Journalism
Mrs. I. Dingman Assistant Professor to Associate Professor, De-
partment of Journalism
J. A. Bruce Instructor to Lecturer, Department of Philosophy
G. H. Turner Associate Professor to Professor and Head,
Department of Psychology
R. W. Packer Lecturer to Assistant Professor, Department of
Geography

Faculty of Medicine

P. C. Fitz-James Fellow to Assistant Professor, Department of
Bacteriology and Immunology; Lecturer, Depart-
ment of Biochemistry.
J. C. Rathbun Instructor, Department of Paediatrics; Lecturer,
Department of Medical Research to Assistant
Professor, Paediatric Research; Lecturer, De-
partment of Medical Research.
D. L. Bartelink Lecturer, Department of Gross Anatomy to Re-
search Professor of Radiological Anatomy, Depart-
ment of Gross Anatomy. (Upon termination as Pro-
fessor and Head, Department of Radiology.)
K. K. Carroll Lecturer to Assistant Professor, Department of
Medical Research (On return from Leave).
Mrs. M. Campbell Instructor to Senior Associate, Department of
Paediatrics.
A. G. Denison Instructor to Senior Associate, Department of
Paediatrics
H. Loughlin Instructor to Senior Associate, Department of
Paediatrics
G. A. Wainwright Instructor to Lecturer, Department of Psychiatry
and Preventive Medicine
J. E. Williams Instructor to Lecturer, Department of Psychiatry
and Preventive Medicine

Promotions

School of Business Administration

J. T. Nicholson Instructor to Lecturer
G. W. Pearce Instructor to Lecturer
J. W. Washington Instructor to Lecturer. (On return from Leave.)

Administration

R. R. Glover Chief Accountant to Bursar and Chief Accountant.

Appointments

University College

J. Kersell Instructor, Department of Economic and Political Science
L. Stuart Lauchland Professor and Head, Department of Engineering Science
K. Duncan Instructor, Department of Economic and Political Science
Miss Marjorie Box Instructor, Summer School; effective 5th July to 14th August, 1954.
L. Ignatieff Lecturer, Department of History, in addition to Associate Professor and Head, Department of Russian.
H. Robinson Instructor, Department of Philosophy
R. H. Stinson Faculty Adviser (2nd Year)
Miss Mary Wright Faculty Adviser (1st Year)
M. P. Poucher Instructor, Department of Engineering Science
Michael S. Yuhasz Lecturer, Department of Physical, Health and Recreation Education; Assistant, Department of Athletics.

Faculty of Medicine

J. V. Roberts Instructor, Department of Gross Anatomy
L. Gentz Senior Fellow, Department of Pathology
V. Hall Instructor, Department of Psychiatry and Preventive Medicine
C. Coburn Instructor, Department of Psychiatry and Preventive Medicine

School of Business Administration

E. Duval Instructor
Miss F. Oxley Research Associate

W.O.S.S.A.

W. L'Heureux Secretary in addition to duties as Assistant Professor, Department of Physical, Health and Recreation Education, and Assistant, Athletics.

Leaves of Absence

University College

C. Henry Instructor, Department of Philosophy
R. Ort Instructor, Department of Physical, Health and
 Recreation Education
P. Thomas Instructor, Department of Physical, Health and
 Recreation Education (One half year only).

Faculty of Medicine

G. R. Collyer Instructor, Department of Medicine
A. S. Douglas Instructor, Department of Medicine
W. G. Sumner Senior Associate, Department of Paediatrics

School of Business Administration

L. W. Sipherd Professor
D. W. Ladd Assistant Professor
R. K. Ready Lecturer

Deaths

It is with sorrow that the death of Dr. D. C. McFarlane, Professor and Head of the Department of Ophthalmology, Otology, Rhinology and Laryngology, on January 4th, 1954, is recorded.

The sympathy of all of the members of the University is with the bereaved family.

PUBLICATIONS OF THE FACULTY AND GRADUATE STUDENTS

FACULTY OF ARTS AND SCIENCE

Department of Chemistry

O'Brien, Richard D. and Spencer, E. Y. (with Science Service Laboratory)
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O'Brien, Richard D. and Spencer, E. Y. (with Science Service Laboratory)
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O'Brien, Richard D. (in collaboration with Science Service Laboratory)
"Modified Giang-Hall thermostatic apparatus". Analytical Chemistry.
v. 25, 1953. p. 842.

O'Brien, Richard D. (with Science Service Laboratory)
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Robinson, J. Russell, Brown, Waywell, and Minshall.
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"The Production of Isocyanates by the Thermal Decomposition of Pseudoureas." Canadian Journal of Chemistry. 32: 557-8, 1954.

Department of Classics

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Department of English

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Department of Geography

Packer, R. W.

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Pleva, Edward G.

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Ontario. 1954.

Pleva, Edward G.

"Urban-Rural Relationships in Soil and Water Conservation." The Use
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Department of Geology

Dreimanis, A. and Reavely, G. H.

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Shore of Lake Erie." Journal of Sedimentary Petrology. 23:
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Dreimanis, A.

"Studies of Friction Cracks along the Shores of Cirrus Lake and
Kasakokwog Lake, Ontario." American Journal of Science. 251:
769-783, 1953.

Dreimanis, A.

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Dreimanis, A.

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173: 259, Feb. 6, 1954.

Department of German

Kalbfleisch, Herbert

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Department of History

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Thomas, H. M.

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Henderson, G. P.

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Department of Philosophy

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Department of Physical, Health and Recreation Education

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Department of Physics

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"Vibrational Transition Probabilities of Diatomic Molecules I."
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Department of Romance Languages

Collin, W. E.

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Torrens, R. W.

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Department of Zoology

Brown, A. W. A.

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Judd, W. W.

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Judd, W. W.

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School of Business Administration

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MUSEUM OF INDIAN ARCHAEOLOGY AND PIONEER LIFE

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LIBRARY

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FACULTY OF MEDICINE

Department of Bacteriology

Fitz-James, P. C.

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Faculty of Medicine

Department of Biochemistry

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Faculty of Medicine

Department of Biochemistry

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Faculty of Medicine

Department of Biochemistry

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Department of Biophysics

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