

THE UNIVERSITY OF WESTERN ONTARIO

London, Canada

REPORT OF THE PRESIDENT  
TO THE BOARD OF GOVERNORS

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For the Year

1930 - 1931.

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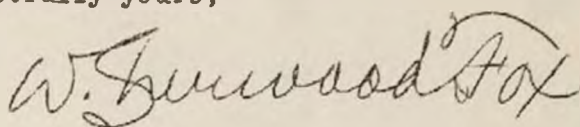
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To the Board of Governors,  
University of Western Ontario,  
London, Canada.

Gentlemen:

I have the honour of presenting to you in the following pages my report for the academic year of 1930-31. It is constructed on practically the same basis as the reports of previous years. Such topics as have been omitted will be resumed in later reports as necessity arises. You will agree, I believe, that the progress recorded for the past year is eminently satisfactory and that the promise for the University's future is bright indeed.

Respectfully yours,



W. Sherwood Fox,  
President.

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#### OBITUARY

In the course of the year the University suffered an unusually severe loss in the death of Charles Ross Somerville, LL.D., one of the greatest friends the University has ever known. For twenty-five years he had been a member of the Board of Governors and for several years prior to 1919 had served as its Chairman. During the crisis which the University faced early in the present century he was one of a handful of citizens who had the vision, the courage, the industry and the generosity to save the institution for London and the rest of Western Ontario. He may truly be called a maker of the University, and as such will be forever known in its annals.

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#### REGISTRAR'S DEPARTMENT

Registrar: K. P. R. Neville, M.A., Ph.D.  
Associate Registrar: E. Isabel Tanton, B.A.

The entire report of the Registrar as submitted to the President is very informing, but the parts of it that are chiefly of academic value have been omitted from the present document.

Total Registration - 1930-31

<u>College</u>	<u>Full Time</u>	<u>Specials</u>	<u>Summer School</u>	<u>Extra-mural</u>	<u>Totals</u>	<u>Dupli-cates</u>	<u>Net Totals</u>	<u>1929-1930</u>
<b>ARTS</b>								
University Men	328	20	69	63	480	47	433	
Women	260	28	61	40	389	37	352	785 (814)
Alma Women		5			5		5	5
Assumption Men	108	8			116		116	116 (92)
Huron Men	14	6			20		20	20 (19)
Ursuline Men	28	5			33		33	
Women	28	28			56		56	89 (91)
Waterloo Men	25	2			27		27	
Women	7	1			8		8	35 (29)
							1050	(1045)
<b>MEDICINE</b>								
Men	203	8			211	3	208	
Women	16	1			17		17	
							225	(150)
<b>PUBLIC HEALTH-Women</b>								
	16	11			27		27	
							27	(12)
	1033	123	130	103	1389	87	1302	(1207)

Total Number of Students and Full-Time Students  
1920-21 -- 1930-31

	<u>1920-21</u>	<u>'21-22</u>	<u>'22-23</u>	<u>'23-24</u>	<u>'24-25</u>	<u>'25-26</u>	<u>'26-27</u>	<u>'27-28</u>	<u>'28-29</u>	<u>'29-30</u>	<u>'30-31</u>
<b>Net</b>											
Total-	530	565	610	639	690	859	919	950	1060	1207	1302
<b>Full Time -</b>	335	421	478	486	552	652	711	802	866	932	1033

University College Registration

<u>FULL TIME Students</u>	<u>First Year</u>	<u>Second Year</u>	<u>Third Year</u>	<u>Fourth Year</u>	<u>Fifth Yr.</u>	<u>SPECIALS</u>	
						<u>Grad-uates</u>	<u>Under-grads.</u>
Men	110	84	80	53	2	9	11
Women	87	66	53	53	1	9	10
Totals	197	150	133	106	3	18	21

The above figures show that University College had a registration of 589 full time students and 39 special students making a

winter total of .....	628
In addition to this number University College provided class room accommodation for:	
First two years of the Medical Course .....	78
Ursuline College students in University College classes ....	65
Huron College students in University College classes .....	<u>19</u>
Total <u>winter</u> session ....	790

In 1929 the total number of students cared for from the same groups was 731, an increase of 59.

Registration by Departments

ARTS	<u>Course</u>	<u>Alma</u>	<u>Assumption</u>	<u>Univer- sity</u>	<u>Ursu- line</u>	<u>Huron</u>	<u>Waterloo</u>	<u>TOTALS</u>
	General	Men --	73	50	--	14	24	161
		Women --	--	105	18	--	6	129
								290
	Extramural	M		63				63
		W		40				40
								103
	Honor	M	35	276	28		1	340
		W		154	10		1	165
								505
	Special	M	4	11	5	6	2	28
		W	5	19*	28		1	53
								81
	Summer	M		69				69
	School	W		61				61
								130
	Graduates	M	4	11				15
		W		10				10
								25
TOTALS		5	116	869	89	20	35	1134
								228
								27
								<u>1389</u>
Duplicates ....								<u>87</u>
								<u><u>1302</u></u>

\* Nine of these special students are registered with the University but are taking their work at a hospital training school. The number of special students does not correspond with the number in the schedule on the second page because in the table immediately above the graduate students have been gathered into one place.

Division of Extension

The tables in this report do not include the Extension Department which has been reported separately. However, there were 75 persons who took credit classes with this department and of this number 28 were registered in other divisions of the University, Summer School and Extramural. The difference between 75 and 28, 47, represents the number which could be added to the net total of 1302 to make a new net total of 1349 students. These registrations are not completed sufficiently early in the autumn to be included in the schedules. In addition to these credit students there were 342 non-credit registrations in this department.

The credit classes were divided as follows:

<u>Centre at which classes were held</u>	<u>Number of Credit Students</u>	
	Men	Women
Brantford	5	1
Chatham	1	-
London	24	17
Sarnia	3	4
Stratford	1	-
Windsor	11	16
		Total - 83

These figures represent 83 people, but there were three extension classes in London and 8 of the students were registered in more than one class, leaving a net total of 75 students.

(For full report of the work of Extension, see page 12.)

New Students in the University

ARTS	<u>College</u>	<u>Full Time</u>		<u>Specials</u>		<u>Totals</u>
		Men	Women	Men	Women	
	Alma				5	5
	Assumption	49		3		52
	Huron	3		3		6
	University					
	intranural	94	89	7		190)
	summer school	11	24			35)
	extramural	12	6			18)
	extension			7	18	25) 268
	Ursuline	16	8	1		25
	Waterloo	12	2			14
MEDICINE		46	2			48*
PUBLIC HEALTH			15		7	22
						440

\* This number includes the 35 new students in the first year, 2 in the second year, and 11 in the upper years. Previous to this year (1930-31) medical students of the first two years have been counted under the Arts Faculty where they took their work.

Geographical Distribution of Total Registration

CANADA	Students			
	Home Addresses		Secondary Schools	
Ontario				
14 Charter Counties				
Brant	26		21	
Bruce	22		18	
Elgin County	30		17	
St. Thomas	62		70	
Essex	157		136	
Grey	4		1	
Huron	43		40	
Kent	42		36	
Lambton	56		51	
Middlesex County	103		53	
London	420		438	
Norfolk	5		3	
Oxford	47		48	
Perth	35		45	
Waterloo	39		41	
Wellington	27	1118	23	1041
Outside 14 Counties		75		132
British Columbia	-		-	
Alberta	2		3	
Saskatchewan	3		3	
Manitoba	1		3	
Quebec	3		7	
New Brunswick	3		1	
Nova Scotia	1		5	
Prince Edward Island	1	14	-	22
BRITISH EMPIRE				
British Isles	5		10	
British West Indies	1		1	
Newfoundland	1	7	-	11
FOREIGN				
United States	73		74	
Others	2	75	-	74
NOT GIVEN		<u>13</u>		<u>22</u>
		<u>1302</u>		<u>1302</u>

Classification of Students by Parents' Occupations

<u>Occupations</u>	<u>Number of Students</u>	<u>Percentage of Students</u>	
Professions			
Education	40	3.07	
Religion	61	4.69	
Other	133	10.21	17.97
Agriculture	283		21.73
Commerce			
Merchants	162	12.43	
Trade and Commerce	242	18.59	
Transportation	104	7.99	39.01
Labor			
Skilled	138	10.60	
Unskilled	24	1.84	12.44
Civil Service	50		3.84
Retired	31		2.38
Miscellaneous	11		.84
Unreported	23		1.77
	<u>1302</u>		<u>99.98</u>

Degrees Conferred 1930-1931

October 1930

<u>Degrees</u>	<u>College</u>	<u>Men</u>	<u>Women</u>	<u>Total</u>	
M. A.	University	2	1	3	
B. A.	University	6	1	7	10

May 1931

LL. D.	University	4	-	4*	
M. A.	University	4	4	8	
	Assumption	3	-	3	
M. Sc.	Medical	2	-	2	
M. D.	Medical	31	4	35	
B. D.	Huron	1	-	1	
	Waterloo	3	-	3	
B. A.	University	49	47	96	
	Assumption	18	-	18	
	Ursuline	4	7	11	
	Waterloo	2	1	3	
B. Sc.	Public Health	-	2	2	186
<u>Certificates</u>					
C. H. A.	Public Health	-	1	1	
C. I. N.	Public Health	-	1	1	
C. P. H. N.	Public Health	-	12	12	14
					<u>210</u>

\* The degree of Doctor of Laws (honoris causa) was conferred on Henry John Cody, William Hamilton Fyfe, William Moir Gartshore, John Alexander Macgregor.



UNIVERSITY COLLEGE OF ARTS

Dean: K. P. R. Neville, M.A., Ph.D.

The year was marked by no arresting features except legislation looking toward the elimination of the courses designated by figures lying somewhere between 100 and 199. The revision of the degree courses that this change permits will enable us to know from individual experience with each student whether he or she is of real honour course calibre before we admit to an honour course. It will take some months to complete the details of the scheme to the point where concrete experimentation is possible.

There has been a marked change in the outward form of dealing with the first two years of Medicine. The students are no longer included in the totals of University College. Their classes, though in the same laboratories, are distinct from Arts classes in Botany, Physics, Chemistry, and Zoology. Their fees are medical rather than Arts, and the rules governing promotion, etc., are those of the Medical School rather than of University College. But they continue under the discipline of the administration of University College while they use University College plant. The changes thus effected have produced little or no confusion, and will, no doubt, result in greater efficiency, but they would seem to leave the medical students in a position where they have no claim on Arts, and where they can logically be asked to fend for themselves whenever University College plant becomes so crowded that the Arts students require it all.

The experiment in the teaching of Religious Knowledge in which Emmanuel College, Toronto so generously shared did not, in its initial year, prove an outstanding success. Too few students elected the course. The cause was probably two-fold; not sufficient advertising of the opportunities offered, and the narrow limits of the student body who could count Religious Knowledge credits as options. None of our Honour courses have electives for which Religious Knowledge can be substituted. It has been agreed, however, to continue the experiment one year more in order to give it a fair chance to prove its value.

The fiscal year of University College has been changed to coincide with that of the other parts of the University. The adjustment of salaries for the year 1931-32 will therefore be made as from July 1st, 1931, rather than as of September 1st. The only "short" year will be the one that has just passed, 1930-31. Budget making will hereafter be much simpler.

The question of crowding is just as vital as it was last year. The prospect is that the absolute limit will be reached in the winter session of the academic year 1931-32. We need more class room space, more hat and cloak rooms, more space for students to study and read during their spare periods, more laboratory space, and perhaps more equipment.

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## FACULTY OF MEDICINE

Dean: A. Bruce Macallum, M.D., Ph.D.

This year one of the largest classes we have had for some years was graduated. Of this class 35 members have taken internships in hospitals, one is attending the School of Tropical Medicine in London, England, one is engaged in research work and one in teaching.

An increasingly large number of our graduates are applying for registration for the degree of Master of Science, and the Committee on Graduate Studies is being forced, on account of the number, to consider the possibility of limitation of the applicants by raising the standards for the degree.

During the past year we have received a grant of \$1,000 from the London Life Insurance Company for research on Experimental Nephritis, and also a grant from the Banting Foundation for research on the nature of the micro-organisms in cases of Puerperal Sepsis. Research on experimental cancer in animals has been undertaken and has been in progress for some time. A cancer survey for the County of Middlesex is being organized at the present time.

Because of the rapid growth of the medical library during the past few years, it became urgent that we secure at once more accommodation not only to take care of the ever-increasing number of books but to afford more reading room facilities. To accomplish this, three large basement rooms were made into one and a stairway linking these with the main library was built. Because of the shifting of all bound periodicals to the new section, only wall stacks were necessary in the library proper to take care of the text and reference books. This afforded much more floor space and so increased the students' reading room considerably. In addition, a section of the lower floor has been set aside as a reading room for the use of the Faculty and of the physicians of the city.

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## FACULTY AND INSTITUTE OF PUBLIC HEALTH

Acting Dean: A. J. Slack, M.D., D.P.H.

For the first time in the history of the Faculty of Public Health registration in the courses of study for graduate nurses was so great as to tax our capacity to provide adequate training. Thirty-one students were registered, sixteen full time, eleven part time and four special students. Sixteen graduates were presented at Convocation, two of whom received the B. Sc. in Nursing degree. The fact that all of these graduates have obtained satisfactory positions is evidence of the good repute enjoyed by the course of

Public Health (cont'd)

training. Approval was granted by the Senate for changes in the B. Sc. in Nursing course which make it possible for the student to complete the course in five years and the new course has been granted registration by the Regents of the University of the State of New York. Reorganization and marked activity of the Public Health Alumni Association resulted in the establishment of an Alumni Scholarship of One Hundred Dollars which is offered for the first time for the session 1931-32. Besides the regular courses of instruction for Public Health students the staff of the Institute has conducted lecture and laboratory courses in University College of Arts, in the Medical School, and for the undergraduate nurses of Victoria, St. Joseph's, and the Ontario Hospitals.

During the year ending June 30, 1930, laboratory examinations were made for 199 different municipalities, the total laboratory examinations for the year numbering 41,067, as against 34,446 specimens for the previous year. This represents not only the largest number of different municipalities ever served by the Institute laboratories in a single year, but also an increase of 19.22% in the total number of specimens examined, all of which has been accomplished without any increase in staff. The variety of routine laboratory work is shown by the fact that reports were made during the year on more than sixty different types of examinations. From the viewpoint of volume and variety of public health examinations and service the Institute ranks as the most important Branch Laboratory of the Provincial Department of Health. In recognition of this fact the cost to the University of operating the Institute has been decreased through assistance in the form of postage, express, laboratory apparatus and supplies for the use of the Institute in the public health work of the Department. This financial assistance was supplemented by a grant of \$6,000.00 from the Provincial Department of Health for the year 1931.

At the request of the Extension Department of the University and the Farmer's Advocate of London the Institute prepared and conducted a Public Health Exhibit at the Provincial Plowing Match which was held at Stratford, Ontario, in October, 1930. This Exhibit was arranged in a booth within the Farmer's Advocate tent and received much favorable comment. Much of the success of the Exhibit was due to the splendid coöperation of the Farmer's Advocate staff and to the Division of Public Health Education of the Department of Health of Ontario. This, I believe, represents the first attempt of any department of the University to conduct an Exhibit at a gathering of this character and the interest shown in the Exhibit would indicate the publicity value of a similar endeavour at the local Fair fairs. During the week of January 13th, 1931, the Division of Public Health Education of the Department of Health of Ontario conducted a public health exhibit at the Institute. This exhibit demonstrated methods of public health teaching which were of particular interest to medical health officers, public health nurses, school teachers, public health and normal school students, etc., and was attended by hundreds of physicians, nurses, teachers and students from widely scattered points throughout South-western Ontario.

Public Health (cont'd)

At the request of the Department of Physical Education and with the authority of the University officials the Institute assumed responsibility for the physical examination of University students for the session 1930-31. This was carried out with the coöperation of the Department of Physical Education and eight local physicians from the Medical School staff. Complete urinalysis as part of this examination was made by the Institute for University students, without charge.

Research work has been carried on continuously throughout the year in all departments of the Institute. Foremost in importance has been an original investigation on animal tumors carried on by Dr. E. P. Johns in collaboration with Dr. F. J. H. Campbell, Associate Professor in the Faculty of Medicine. Other research has included cultural methods for growing tubercle bacilli, the bacillus coli content of raw and pasteurized milks, and a study of brucella abortus infection in herds of cattle and in patients in institutions using raw milk.

The year has been one of progress and much credit is due the staff for their continuous effort to maintain the high standards of the Institute despite the greatly increased volume of work.

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DEPARTMENT OF SUMMER SCHOOL, EXTRAMURAL STUDIES,  
UNIVERSITY EXTENSION AND ADULT EDUCATION

Chairman: Professor H. R. Kingston

(a) Division of Summer School and Extramural Studies  
Director: Professor H. R. Kingston

The attendance at the 1931 Summer Session of the University of Western Ontario showed a marked advance over that of 1930. A year ago the total attendance was 172 while this year it was 267, an increase of 55 per cent. This number consisted of the following groups:

163 who were taking work for University credit (an increase of 25 per cent. over the corresponding number last year);  
32 in Orchestral Music, for which no university credit was given;  
195 = total number "registered" with University,  
14 non-credit students in Mental Hygiene, paying tuition but not first registration fee (30 others took this for credit);  
58 who were taking only the Vocal Music courses of the Department of Education.  
267 = Total Attendance.

Fifteen Orchestral Music students took also the Vocal Music, making a total of 73 in the latter courses, an increase of nearly 74 per cent.

Summer School (cont'd)

The credit courses this summer consisted of seventeen regular courses of the winter curriculum and also two special courses in Cadet Instruction and Mental Hygiene. Ninety per cent. of the Cadet Course is now Physical Training and this course gives the successful students credit for P. T. 21. This course was put on by the local Department of National Defence without cost to the University. The Mental Hygiene was given by Dr. W. E. Blatz of the University of Toronto and was greatly appreciated, although it is difficult to draw to this course in the holiday season, in addition to our own regular students, others of the public for whom largely the course was put on. As mentioned above, only 14 non-credit people registered for this, in addition to the 30 people who took it for credit. Every one in this special course pronounced it most helpful.

The Vocal Music Courses offered for the first time in our Summer School last year by the Department of Education were continued this year with marked success and the students were most enthusiastic over the help and inspiration received. The Instructors were given considerable freedom by the Department of Education and apparently a new standard of vocal musical training is being developed here, echoes of which are being heard in other parts of the Province. This is reflected in the increase in registration from 42 last year to 73 this summer. These courses were in charge of Mr. Charles E. Percy, now the Music Master at the Toronto Normal School, and Mr. E. W. G. Quantz of London.

An innovation this year was the offering of a course in School Orchestral Music by one of our graduates, Mr. Walter A. Rennie, Director of Music at the Western Technical Commercial School of Toronto. This course meets a real need in our Province. I know of no other course in Ontario or indeed in Canada for the training of leaders of school orchestras, for whom there is now a very urgent demand. The 32 students taking this course were most grateful for the opportunity thus provided by the University and, incidentally, every student passed the examination successfully. No university credit was given for this work, but a diploma is being issued for it. It is planned to offer next summer in this subject both a junior and a senior course.

The offering of the courses in School Orchestral Music and Mental Hygiene is an outgrowth of the policy of the Summer School to provide not only academic courses leading to the B.A. degree, but also courses that are of real value to members of our constituency who are not working toward a degree.

The social and athletic programs were stressed again this year and were participated in as enthusiastically by the Vocal Music students of the Department of Education as by our own regular University students. A splendid spirit pervaded the entire school. Friendly athletic contests were arranged on two afternoons with the Summer School held by the Department of Education at the London Normal School. Also, the two schools held a very happy outing together at Port Stanley. Many of these students from the other Summer School are planning on coming to us as soon as they have completed the work for the First Class Certificate.

Summer School (cont'd)

The number of students taking work through the Extramural Department during the past year was 103 as compared with 90 during the preceding year. Altogether, the work of these students is of a very satisfactory calibre.

Last May there were graduated from our University nine students who had taken part or all of their work through the Summer School and Extramural Department. At the Fall Convocation, 1931, six more are graduating. This will bring the total number of extramural students who have graduated up to 88. Extramural students are urged to take at least one or two years intramurally, if at all possible. Of course, in the case of all Honour Courses, the final year must be spent at the University, and in the case of most of the Honour Courses a much longer period of intramural study is necessary. At present a considerable number of former extramural students are registered for the regular winter session in the University.

(b) Division of Extension and Adult Education  
Director: Professor S. F. Maine

During the year there was a total of 436 lectures delivered by members of the University staff under the auspices of the Department as compared with 350 lectures last year. 86 of the lectures are classified as occasional, 25 were radio talks and the remaining 325 were given to classes carrying on connected studies. The total attendance at all lectures was 18,619 as compared with approximately 13,000 last year.

An important development is to be noted in three centres where, for some time, our contacts have been slight, i.e. Stratford, Woodstock and St. Thomas. In the first two, classes were not previously organized. In St. Thomas, in past years, the classes held were under the auspices of Alma College. Distinctly University Extension classes have now been organized in these three cities.

During the past year there were University Extension groups meeting weekly at Stratford, Woodstock, St. Thomas, Brantford, Sarnia, Chatham and Windsor. Evening classes were also established in the City of London, meeting at the Technical School. Credit courses were given in English and Psychology and non-credit courses in Business Administration. A late afternoon class available to teachers and office workers was carried on in St. Angela's College. In addition to the above, the University Reading Club, the Browning Club and two classes sponsored by the Workers' Educational Association but maintained by the Extension Department gave the City of London a fairly diversified course of Extension lectures.

The enrolment in the Extension classes was most satisfactory, 419 persons having registered; of these 77 were seeking credit toward degrees. These classes now prove to be an important supplement to the summer school and extramural work of the University.

Extension (cont'd)

Three interesting experiments were carried out during the period. In conjunction with the Farmers' Advocate and the Institute of Public Health, a health exhibit was established at the Provincial Plowing Match held near Stratford. There was an estimated attendance of one hundred thousand at the match during its several days of progress. Of these a significant percentage visited the exhibit. The interest shown and comments made suggested the value of further exhibits at fairs.

The second experiment was based on the English precedent of the Christmas lectures on science. Through the coöperation of the London School Board and inspectors, the seventh and eighth grade students of the London public schools to the number of fifteen hundred were assembled in the Technical School Auditorium. To these Dr. Dearle gave a demonstrated lecture on the Fairyland of Science. Again the response has been so satisfactory that the Department plans to continue the experiment.

In March the Department, in conjunction with the National Council of Education, sponsored a lecture by Dr. Ludwig Mueller, an eminent German educationist, who visited London in the interests of better international understanding. The attendance of the citizens at this lecture was gratifying.

During the term the Extension Department has been coöperating with various outside organizations. The Director gave a series of 24 lectures on Renaissance and Reformation History in St. Thomas. This series of lectures was organized by Alma College and there was a total attendance of over 600.

There has also been coöperation with the Workers' Educational Association and with the University of Toronto in London and Stratford. Two classes were established in the former city and one in the latter, and a total of sixty lectures was given in the field of Economics, Public Speaking and Current Events.

A further point of interest in the activities of the past year has been the wider and more even distribution of lectures throughout our constituency. There has also been a wider call for lectures in Science than in the previous years.

In addition to the 436 lectures already noted as given by members of the staff, the administrative officers and staff of the University have been called upon frequently for addresses throughout our University constituency. Some of these have been reported to the Extension Department for the sake of record and such addresses would seem almost to equal the number of those regularly arranged by the Department. Among those most frequently called upon and who have reported were President Fox, Dean Neville, Professor Landon, Professor Kingston, Professor Maine, Professor Reilly, Professor Dearle and Dr. Waller.

Extension (cont'd)

The Director feels that the Department's financial statement is eminently satisfactory. To meet the standard set by the Provincial University \$10.00 has been set as the maximum charge for railroad fare and departmental fee in Western Ontario. All lectures given outside a radius of approximately 65 miles from London entail a loss.

It is to be remembered that some services given by the Department produce no revenue and are at times somewhat costly, i.e. the twenty-five radio talks, exhibits, special lectures, e.g. Dr. Mueller's, etc. The advertising for the past year was also more extensive than for some time, yet the revenue falls only a few hundred dollars short of the expenditure, so the net cost of the Department will be but little over \$700.00, while the activities have increased approximately 50 per cent. and have become more diversified.

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THE LIBRARY BOARD

Chairman: Reverend C. C. Waller  
Librarian: Professor Fred Landon

The work of the Library during the past year shows a record of expanding service carried on by a staff which has not been increased in number in some years but which by its general efficiency and intimate knowledge of the Library's resources is enabled to cope with the ever-increasing demands consequent upon the general growth of the University body. These increasing demands are reflected in the growth of circulation of books and journals, a total of 53,489 being loaned in 1930-31 as compared with 49,559 in the previous year. The number of volumes fully catalogued and added to the Library during 1930-31 was also the greatest in any single year, amounting to 7,309. At the end of the year (April 30) there were 57,119 fully catalogued volumes in the general library and 16,161 in the medical library, a total of 73,280. It is estimated that the Library's resources, catalogued and uncatalogued, now number more than 95,000 volumes.

Such volume of work as was carried through during the past year would be quite impossible were it not for the fact that the staff has remained unchanged, has worked with excellent spirit and has an accumulated knowledge of the Library that is of the greatest value to the University. Despite all that the most scientific cataloguing can do to render available the resources of a library there still remains the personal knowledge of the books by the staff, without which much that is of value might not be available.

The Library Science Course

As in previous years the Library has provided through a member of its staff, Miss Catharine Campbell, the course in Library Science which is given to all members of the freshman class. This



Library (cont'd)

year there were 233 enrolled for this course, divided for instruction into six groups ranging in number from 30 to 44. In the second term there were 25 enrolled, made up of those who were required to repeat their work of the first term or who for other reasons had to take the course. As to the value of this instruction to students there is general agreement. It opens the way to an intelligent use of the Library during all four years of undergraduate work and saves the time of both students and library staff. During the recent visit of the British Headmistresses to the University the Library Science course was a feature of the University's work with which they were most favourably impressed and several of them expressed their intention, on returning to their own schools, of introducing instruction of this kind. They requested that they might be supplied with detailed information with regard to the nature of the course, the tests applied, etc. and arrangements are being made to supply such information to all those who were in the visiting group.

Growing Use of the Library

It is gratifying to note that from year to year the use made of the Library, as manifested in the record of books and journals loaned, shows a steady increase. The figures for the last five years illustrate this phase of the Library's work:

Loans of books and journals

Year	General Library	Medical School	Total
1926-27	26,210	9,993	36,203
1927-28	28,918	11,937	40,855
1928-29	33,574	10,089	43,663
1929-30	38,981	10,578	49,559
1930-31	41,628	11,861	53,489

The accessions of the year, totalling 7,309, are striking for the number of volumes which were gifts, reflecting the widespread public interest in the work of the University. The table below shows the sources of the additions to the book collections in 1930-31:

Accessions 1930-31

	General Library	Medical School	Total
By purchase	1938	277	2215
By donations	1644	319	1963
By exchange	459	293	752
By binding	157	272	429
By transfer from	1926	24	1950
Barnett Collection	—	—	—
	6124	1185	7309

Library (cont'd)

In an appendix will be found a statement of the more important gifts received by the Library during the year with the names of the donors.

Maintaining the Library

The cost of the Library service of the University has not increased materially in the last five years, particularly when account is taken of the great expansion of the University body in that period. The necessity of maintaining the Library at a high state of efficiency needs no argument for it is related in the most vital way to all the University's educational work. There is constant need of making available for all departments of instruction the latest findings of investigation, and this is not less true of the non-scientific than of the scientific subjects. The University has special reason to be proud of the place which its Medical Library holds in this country, a place which has been secured only by careful selection and by a constant effort on the part of the Medical Library Committee and the Medical Librarian to add to the existing resources in books and journals.

The Library Board of the University is grateful to the Board of Governors for the constant and generous support which it has received year after year in the work of building and conserving and rendering in the highest degree useful the collections of books and other material. Without that support no such work would be possible as is carried on today, nor would the Library have that place among Canadian libraries which it now has. The Library Board is confident that this support will be continued and that in the steady expansion of the University as a whole the Library will maintain its place.

Appendix

There were two outstanding gifts to the general library during the past year. Mr. J. E. Keays, of London, presented a complete set, beautifully bound, of *The Auk*, one of the most important ornithological journals, and also a set of *The Osprey*, a journal of similar character. Mrs. A. Elizabeth Gerrans, of Oxford, England, who became interested in the Library while a visitor here a year ago, presented three hundred volumes from the library of her late husband, Professor Gerrans, of Oxford University. Other donors to the general library were Mrs. Thomas Hall, of St. Thomas, and Mrs. H. A. McCallum, London. Miss Helen Sutherland, of Toronto, presented a photo of her father, the late Judge R. M. Sutherland, former Speaker of the House of Commons, who was the first graduate in Arts of Western University. Professor A. MacMechan, of Dalhousie University, presented a framed photograph of his grandfather, the Hon. Archibald McKellar, who was prominent in the leadership of the Liberal party in Ontario in the 'sixties.

To the Library of the Medical School there came during the year extensive gifts of books from the libraries of the late Dr. J. D. Balfour, London; the late Dr. Gray, St. Thomas; the late Dr. Gunn, Clinton; the late Dean H. A. McCallum, London; and the late Dr. McEwen,

Library (cont'd)

Windsor. Valuable gifts were also received from Dr. Buckley, Guysboro, N. S.; Dr. J. C. Lindsay, London; Dr. John A. Macgregor, London, and from the Ontario Hospital, London. Mrs. H. A. McCallum also presented a handsomely framed steel engraving of the Diamond Jubilee of Queen Victoria.

RESEARCH AND PUBLICATION

Faculties of Arts, Medicine and Public Health

(The names of the persons appearing below are arranged alphabetically).

- Adams, G.A.      A spectroscopic study of the blood pigments and their derivatives, with Dr. A. B. Macallum.  
A spectroscopic study of the urinary pigments, with Dr. A. B. Macallum.  
Investigation of enzyme action on proteins by spectroscopic methods, with Dr. A. B. Macallum.
- Allen, R.A.      Political crisis in Germany - London Free Press, Sept. 20th, 1930, pp. 1 and 4.
- Armstrong, J.R.      Some observations on mastoid complications - U. W. O. Medical Journal, April 1931, vol. 1, pp. 187-188.
- Battle, Helen I.      Observations on the spawning of certain common bivalve Molluscan fauna about St. Andrew's, N. B. (To be published shortly).  
Spawning periodicity and embryonic death rate of Enchelyopus cimbrius (L.) in Passamaquoddy Bay. Contributions to Canadian Biology and Fisheries, N. S. Vol. v, no. 11, pp. 361-380.
- Burns, J.W.      A study of the reactions in the system of benzene-sulphur chloride in the presence of aluminium chloride. Uncompleted.
- Campbell, F.J.H.      Investigations in the nature of cancer tissue, with Dr. E. P. Johns.
- Cline, C.A., Jr.      Experimental production of chronic nephritis and uraemia, with Dr. H. M. Simpson. Uncompleted.  
Case Report: Gastric Tetany complicating pyloric obstruction - U. W. O. Medical Journal, April 1931, vol. 1, pp. 182-184.
- Collin, W.E.      Some Georgians and other Georgians - a study of French influence on English poetry in the last twenty years. Uncompleted.

<u>Name</u>	<u>Research and Publication</u>
Collin, W.E. (cont'd)	Beyond Humanism: Some notes on T. E. Hulme - Sewanee Review, July 1930, vol. 38, pp. 332-339. T. S. Eliot: Poet - Sewanee Review, Jan. 1931, vol. 39, pp. 13-24. T. S. Eliot: Critic - Sewanee Review (to appear).
Books -	Montserrat & other poems - Ryerson Press, Toronto, 1930. Paul-Jean Toulet: Novelist, Moralist & Poet - Carrier & Isles, New York, 1931.
Fisher, J.H.	Gumma of the Hypophysis - A case report with literature review, with Dr. F. S. Kennedy. Different varieties of streptococcus viridans and persistence of the flora encountered in pyorrhea lesions. Chorioma in the male - A case report. The mitochondria content of the thyroid gland in various acute toxic and suppurative conditions, with Dr. G. H. McGuffin.
Gilchrist, J.W.	Investigations of micro-organisms associated with puerperal sepsis, with Dr. W. P. Tew. Uncompleted.
Hensel, P.H.	A symposium on Appreciation. Uncompleted. Book reviews - Accounting Review, Dec. 1930, March 1931.
Book -	Problems in Advanced Accounting (in mimeographed form).
Johns, E.P.	Investigations into the nature of cancer tissue, with Dr. F. J. H. Campbell.
Kennedy, F.S.	Gumma of the Hypophysis - A case report with literature review, with Dr. J. H. Fisher.
Kingston, H.R.	The distances of the stars - Southan Press, Sept. 1930. The man in the moon - Journal of the Royal Astronomical Society of Canada, vol. XXIV, no. 7, Sept. 1930, pp. 307-312. The Milky Way and beyond - Journal of the R.A.S.C., vol. XXIV, no. 10, Dec. 1930, pp. 452-456. Astronomy - Manual (1931) of National Boys' Work Board of Canada.
Landon, Fred	Negro colonization schemes in Upper Canada before 1860 - Royal Society of Canada Transactions, 3rd series, vol. XXVII, section 2 (1929), pp. 73-80. An Upper Canada community in the political crisis of 1849 - Ontario Historical Society, Papers and Records, vol. XXVI, (1930), pp. 461-473. Selections from the papers of James Evans, missionary to the Indians - O. H. S., Papers and Records, vol. XXVI, (1930), pp. 474-491.

<u>Name</u>	<u>Research and Publication</u>
Landon, Fred (cont'd)	Public libraries and the extension work of universities - Ontario Library Review, vol. XV, no. 1, pp. 6-8.
Laughton, N.B.	Stimulation of Motor Cortex. Continuation of work in duodenal hormones. Uncompleted. Insular hormone in the duodenum - Canadian Medical Association Journal, 1930, vol. XXIII. Influence of special duodenal extracts on carbohydrate metabolism. Paper presented by Dean Macallum at American Physiological Society, April 1931.
Lawrason, D.M.	Observations concerning the clinical effect of duodenal extract in the treatment of patients with diabetes mellitus, with Dr. E. M. Watson.
Macallum, A.B.	Spectroscopic study of the blood pigments and their derivatives. Uncompleted. Spectroscopic study of the urinary pigments. Uncompleted. Investigation of enzyme action on proteins by spectro- scopic methods. Uncompleted. Further observations on action of duodenal extract on blood sugar, with Drs. Laughton, Watson, Rabinowitch.
Macklin, C.C.	Intestinal Epithelium - Chapter in Special Cytology, 2nd ed., edited by E.V. Cowdry, with M. T. Macklin. Seminal vesicles, prostate and bulbo-urethral glands - Chapter in Special Cytology, 2nd ed., with M. T. Macklin.
Macklin, Madge T.	See above - Macklin, C.C. A conference on heredity as applied to man. Science, 1931, 73, pp. 613-614.
McGuffin, G.H.	The mitochondria content of the thyroid gland in various acute toxic and suppurative conditions, with Dr. J. H. Fisher.
Matthews, A.R.K.	A device for obtaining small amounts of blood serum (with Dr. E. M. Watson) - Medical Journal and Record, Nov. 1930, pp. 132, 451.
Miller, F.R.	Research on mammalian reflexes - Presented before Section V, Royal Society of Canada, May 1931.
Neville, K.P.R.	Obiter dicta Canadiana - Read before American Association of Collegiate Registrars, at Buffalo, April 21, 1931.
Patterson, W.J.	A study in the theory of singularities of higher plane curves and the related theory of residuation. Uncompleted.

<u>Name</u>	<u>Research and Publication</u>
Pemberton, R.E.K.	Literary criticism in Ovid - The Classical Journal, April 1931. Vol. XXVI, pp. 525-534.
Poole, F.	Anaemia of Pregnancy, with Dr. W. P. Tew.
Pratten, F. H.	Pulmonary complications in pregnancy - Canadian Medical Association Journal, vol. XXIV, pp. 391-396.
Ramsay, G.A.	A study of the repair mechanism in fractures. Uncompleted.
Reilly, E. E.	A study of Canadian finance. Uncompleted.
Simpson, H. M.	Experimental production of chronic nephritis and uraemia, with Dr. C. A. Cline, Jr. Uncompleted.
Skinner, H. A.	Some histologic features of the cranial nerves - Archives of Neurology and Psychiatry, Feb. 1931, vol. 25, p. 16. Pharyngeae Diverticulum - U. W. O. Medical Journal, Feb. 1931, vol. 1, p. 2. Ars longa tempus breve - The Centaur, vol. 36, May 1931, p. 5.
Smith, C. G.	The volume of the neocortex and the changes it undergoes during postnatal life. The volume of the olfactory bulb and the changes it undergoes during postnatal life.
Spenceley, J.A.	Thesis on romantic English drama. Uncompleted. John Galt's dramas. Uncompleted.
Tamblyn, W. F.	Shaw's The Apple Cart - Canadian Forum, May 1931, p. 1. Review of Stringer's Poems, Sackville-West's The Edwardians, etc. London Advertiser, 1930-31. Book - Twelfth Night, Gen. ed., Nelson 1930. The Character of Falstaff. Uncompleted.
Tew, W. P.	Border-line problems in Obstetrics - March-May 1931. Recent advances in Obstetrics and Gynaecology - May 1931. Anaemia of Pregnancy, with Dr. F. Poole. Investigations of micro-organisms associated with puerperal sepsis, with Dr. J. W. Gilchrist.
Walker, A. R.	Strawberry root-rot - 1930 Proceedings of the Canadian Phytopathological Society, pp. 16-19. Strawberry root-rot - Report of the Dominion Botanist for the year 1929, pp. 161-165. (Published Apr. 1931) Research on nature, cause and control of a serious disease of strawberries. Uncompleted.
Waller, C. C.	The need of training students to use a library - Ontario Library Review, March 1931.

<u>Name</u>	<u>Research and Publication</u>
Watson, E.M.	<p>Further observations concerning the clinical effect of duodenal extract in the treatment of patients with diabetes mellitus, with Dr. D. M. Lawrason. Uncompleted.</p> <p>The relationship between duodenal extract and trypsin. Uncompleted.</p> <p>Further study of the eosinophilia in insulin-treated diabetics. Uncompleted.</p> <p>Observations concerning the rhythmic function of the liver in man and its possible practical significance. Uncompleted.</p> <p>Assembling of a photo-electric haemoglobinometer.</p> <p>Some present-day views on diet - The Canadian Nurse, June 1930, vol. 26, pp. 309-311; July 1930, vol. 26, pp. 366-369.</p> <p>A device for obtaining small amounts of blood serum, with Dr. A.R.K. Matthews - Medical Journal and Record, November 1930, pp. 132, 451.</p> <p>Fundamentals in the diagnosis and treatment of diabetes mellitus - U. W. O. Medical Journal, Feb. 1931, vol. 1, pp. 120-126.</p> <p>Further observations on action of duodenal extract on blood sugar, with Drs. Laughton, Macallum and Rabinowitch. Journal of Biological Chemistry, June 1931, vol. 92, pp. 20-22.</p> <p>The percentage of eosinophils in blood smears from insulin-treated diabetics - American Journal of Medical Sciences, 1931, vol. 182, pp. 231-238.</p>
Waud, R. A.	<p>Isolation and pharmacological action of the active principle contained in <i>Ilex opaca</i> and <i>Ilex paraguayensis</i>. Uncompleted.</p> <p>Heart sound amplifier - U. W. O. Medical Journal, Dec. 1930, vol. 1, no. 2, p. 87.</p> <p>A heart sound amplifier - Journal of Laboratory and Clinical Medicine, March 1931, vol. 16, no. 6, p. 624.</p> <p>Action of <i>Ilex opaca</i> on the heart - Proceedings of the Society of Experimental Biology and Medicine, June 1931, vol. 28, p. 976.</p>

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MISCELLANEOUS NOTES

1. Student Self-Government

For many years it has been one of the distinctive policies of the University Administration to give the students a free hand in governing themselves in all their extra-curricular activities. The results of the policy have been eminently successful. Doubtless the most conspicuous result has been the happy understanding existing between the students and the members of the teaching staff. A deeper result is the educative effect of self-government upon the students themselves. Their experience in this field during the days when their minds are yet plastic cannot but be the best of preparation for the duties of citizenship, notably the duty of sharing in the responsibilities of governing their country.

During the last two years an important step forward in self-government has been taken by the students on their own initiative. It has been evident to all who know the University that the geographical distance that divides the buildings of Medicine and Public Health from those of the Faculty of Arts tends to encourage thought in terms of Faculties rather than in terms of the University. This is only natural, but if unchecked it would be fatal to the unity of the University's life. In order to make this unhappy outcome forever impossible the students organized a University Students' Commission to preside over the activities of all the Faculties. The two articles of the excellent constitution which I append below explain without need of further comment how ably and successfully the students have formed their organization.

ARTICLE I

Name and Objects

Clause 1 - This organization shall be known as the University Students' Commission of the University of Western Ontario, hereinafter called the Commission.

Clause 2 - The Commission shall have as its object the supervision and control of all matters, activities, and organizations which concern the various Faculties jointly.

ARTICLE II

Organization

Clause 1 - The membership of the Commission shall consist of representatives from each Faculty, on the basis of four members from the College of Arts, and two from the Faculty of Medicine, who shall be accountable to the governing bodies of the faculties which they represent.

Clause 2 - Representation on the Commission may be subject to revision as the student governing bodies of the separate Faculties see fit.

Clause 3 - Representation of new faculties will be included subject to approval of the Commission to which the application is made.

Clause 4 - Members of the Commission shall be appointed by the student bodies of the Faculties represented in April of the current year and shall take office the following May 1st.

Clause 5 - The directorate of the Commission shall consist of the following officers: (a) President; (b) Vice-President; (c) Secretary; (d) Director of Publications; (e) Director of Finance; (f) Minister of External Relations.



## Student Government (cont'd)

Clause 6 - The officers shall be elected annually at the inaugural meeting to the aforementioned offices.

Clause 7 - The office of President shall be alternated between the various Faculties represented.

Clause 8 - The Commission may add to the offices from time to time as they see fit.

## 2. Student Health Insurance

The following statement prepared by the Executive Secretary of the University presents clearly and compactly the history of an important item in the University's program of activities:

"At the final meeting of the Students' Administrative Assembly in the spring of 1929, the Assembly decided by resolution to discontinue Student Health Insurance and refer the whole matter to the Board of Governors. During the following year a limited scheme was put into operation under the supervision of a medical board consisting of three representatives of the Faculty of Medicine. Other members of the staff of the University were employed to visit the buildings at stated times and to respond to calls for assistance from students' homes or boarding houses. This scheme did not work out satisfactorily because it was said that it interfered with the clientele of the family physicians in the city. The medical men themselves approached the various insurance companies and asked for a scheme which would be acceptable to the students and to the University. The only response to this request was made by the Union Insurance Society of Canton, Limited, represented by J. A. Nelles and Son, of London, Ontario. The premium charged was \$3.00 per student and the maximum paid on account of claims was \$200. Unfortunately, insufficient restrictions were included and the student body benefited largely at the expense of the Insurance Company. Approximately \$2,500 was paid in premiums, while the Insurance Company paid back in claims \$5,300.

"For the year 1931-32, the Union Insurance Society of Canton has submitted a modified scheme which has been accepted by the Board of Governors, requiring a premium of \$5.00 per student, paying in claims a maximum not to exceed \$75.00 for ordinary students and a maximum of \$150 for members of athletic teams. The Athletic Association agrees, however, to contribute \$300 additional premium for the purpose of covering the extra hazard of students engaged in competitive games. This scheme still allows a great deal of latitude. Any physician in the city or in St. Thomas or in the municipality where the student boards or resides may be called, but it does restrict the amount allowed for hospital treatment to \$50 and medical treatment to \$25.00. The rate for a student in Victoria Hospital or in St. Joseph's Hospital is \$2.50 per diem.

"While Student Health Insurance is still regarded in the light of an experiment, it is hoped that the present scheme will make

### Student Health Insurance (cont'd)

it sufficiently profitable to the Union Insurance Society of Canton to encourage them to continue. There is no doubt whatever but that the students profit very materially from having a scheme of this type in operation."

### 3. Student Loan Funds

Among the many needs created by the rapid increase in student attendance is one of a peculiarly pressing nature, namely, the need of a source from which students who are lacking in ready funds may borrow such sums as will enable them to complete definite periods of study in the University. As yet there are only two regular sources of this kind and neither of these is large enough to satisfy the needs of all the worthy cases that apply. The one source is the Students' Loan Fund of the Rotary Club of London; the other, the Loan Fund for students in Medicine established jointly by the Alumni of the Faculty of Medicine and a number of generous private citizens. The existence of these two funds has made the continuation or completion of a course possible for a number of deserving young men and women. The University commends the administration of these funds most warmly and appeals to their founders to augment their resources liberally in the near future in order to enlarge the opportunities for higher education which a great many of our gifted young people are compelled to relinquish solely by reason of a temporary lack of means.

### 4. Research and Publication

One of the most important of the several functions of a university is the prosecution of research. This applies to all departments of study alike -- the natural sciences, the social sciences, literature and language. As one would expect in a new country like Canada the major attention of universities in the first stages of development is given to the task of instruction. By degrees proportionate to the growth of staff and of resources thought and effort are bestowed upon problems of research, until finally actual experience assigns to this activity its proper place in the balanced scheme of all the university's activities. It is very gratifying to the officers of the University to observe the rapidity and yet the sureness with which this process is advancing in all our Faculties. A glance at the section of this report containing the list of publications and research undertakings of the past year reveals convincingly the growing variety of the problems attacked and the expanding distribution of research effort among the different departments of study.

The layman to scholarly investigation of all kinds often needs to be reminded that research work is unique and may be judged only by its own standards. One who undertakes to construct a great power plant or to dig a canal may announce to the world what his undertaking is, for he knows what he sets out to do. The researcher, on the other hand, is

## Research and Publication (cont'd)

like Columbus, who launched his ships in the hope of discovering a new land not knowing whether he would discover any, and yet content to accept such discovery as Providence might guide him to. Precisely what he will find the researcher can never predict. But he is certain of this: as he proceeds numerous facts will emerge which are worth recording systematically, but facts which sooner or later will be useful to himself or to some other seeker like himself. Some day it will fall to the lot of some individual in the chain of workers to make a great discovery that will be a boon to mankind. It is with the consciousness of this probability that the investigators in our University are patiently working away at their several problems year in and year out. The day must come when some one of them will find his efforts rewarded by a discovery of unusual importance and will thereby bring fame to himself and to the University. History shows that in the long run one great achievement of this kind more than pays, in the higher as well as the lower sense, for the investment involved in carrying out the whole program of research activities up to that time.

### 5. Department of Business Administration

The success attained by the Department of Business Administration during the ten years of its existence has attracted a great deal of attention throughout Canada and aroused much favourable comment. Most of the credit for this achievement has been given to the Staff of the Department itself. While undoubtedly the credit is well awarded there is nevertheless a great danger that the public overlook the very important contribution to this success made by Canadian business men. The plain truth is that the time and practical interest numerous business leaders have devoted to coöperation with the Staff have made possible the particular type of course the University is able to offer and conduct, that is, a course which combines actual business contacts, academic methods and cultural studies in such happy proportions that the student is given an easy and sane approach to participation in actual business. At much personal inconvenience and expense many business men of wide experience and outlook visit the University and discuss with the students at great length the problems of commerce, finance and manufacturing. We have many reasons for believing that these men in their turn derive benefits from the relationships they thus establish with the University and learn to understand more clearly university aims and method and to realize that academic theory is not necessarily the same thing as a purely visionary outlook. To the business men the University is grateful for their generous and sympathetic coöperation.

The wisdom of founding the Department of Business Administration on a basis derived from the Harvard Graduate School of Business is daily becoming more apparent in developments abroad. It must be borne in mind that the very germ of the Harvard system is the "case method" of studying business problems. A year ago the Chambre de

## Business Administration (cont'd)

Commerce of Paris established, with the aid and approval of the Government of France, a school of the Harvard type to be known as Le Centre de Préparation aux Affaires. This autumn a similar school was opened in London, England, as a department of the London School of Economics, which is, of course, in affiliation with the University of London. The Director of the French school has done our University the honour of appointing the Department of Business Administration its official Canadian correspondent.

## 6. Department of Psychology

In the autumn of 1929 the Department of Psychology began its existence under a full time Director. In the short time that has elapsed since then very satisfactory progress has been made. A new laboratory was built and equipped and has been serving a steadily increasing number of students. One phase of the growth of this Department may be seen in the coöperation of the Mental Health Clinic which operates in Western Ontario under the auspices of Dr. B. T. McGhie, Director of Ontario Government Hospitals. At no cost to the University the services of Miss Lewis, the psychologist of the Clinic, have been generously placed at the disposal of the Department. In the course of the academic year she conducts a course of lectures which, because of her special knowledge of abnormal psychology, are of distinct value to the students.

## 7. Social Science

To those who have given any serious thought to the various ways in which the universities as a type of national institution can serve their country, it is evident that they have done very little to train efficient workers in the realm of social service. Courses in social science have been, as a rule, pitifully sketchy; they have been little more than efforts to play with a momentous problem. As a result they have not invited the same kind of earnest student that has been attracted by the regular courses, either general or special. Holders of diplomas in these so-called social science studies take up their tasks deficient in intellectual background, devoid of adequate knowledge of the principles on which our social and economic life rests, and untrained in methods of approaching the common people and their problems. It is neither unkind or unjust to call most of these courses utter farces.

However, there is a hopeful side to the situation and that is the fact that the universities are candidly confessing the absurdity of these courses. This attitude has led to real thought and signs are plenty that a new day for social work is dawning. The Government of Ontario has most wisely established a Department of Public Welfare under the direction of a Minister. Though he has been in office not much longer than a year the Honourable W. G. Martin is already discussing with several universities of the Province, among them our own, the possibility of his Department and the universities coöperating to frame and to conduct sound and thorough courses for the training of social workers who in their field will be comparable in efficiency to teachers, doctors, and other pro-

Social Science (cont'd)

essional graduates. It is our hope to be able to announce early next year the establishment of such a department of study in the University of Western Ontario.

8. Institute of Public Health

The Minister of Health in the Provincial Government has paid a great compliment to the Institute of Public Health in making a special grant of \$6,000 to the University in support of the Institute's activities. The grant is made in recognition of the tremendous increase in the examinations that are being carried out by the Institute as one of the Branch Laboratories of the Department of Health. As the number of free examinations authorized by the Department is extended, the revenues of the Institute are reduced proportionately. It is with a fine sense of justice that the Department has sought to replace this reduction in large measure. It is with much gratification that I report an advance in registration in the Public Health courses to parallel the enlargement of the activities of the laboratories.

9. Physical Education and Athletics

This phase of the University's activity has never been so flourishing in the history of the University as it is now. The appointment of Mr. J. H. Crocker, formerly Physical Director of the entire Canadian Y. M. C. A. movement, was an event of moment. Mr. Crocker has brought to the University an unusually long, varied and successful experience, a continental prestige in athletic circles and the personality of a natural leader of young people. He has put the organization of his department upon a firm basis and with all parts of it he keeps in close and sympathetic touch through the able assistants he has gathered about him. The result of his efforts is that the physical well-being of the students is being supervised as it has never been before.

It is commonly suspected and often charged that the athletic branch of the life of our universities has overgrown and overshadowed the primary branches. Whatever may be true elsewhere, this charge is not true in this University. Despite the impressive success of the football team since it entered the senior intercollegiate series, football has not dominated the University. A sense of proportion in this regard marks the team and the whole body of students. For this happy condition the Administration and Faculty are under obligation to the coach, Mr. Joseph Breen, whose sane ideas on athletics and whose influence as a gentleman have brought the University distinction for high-grade performance without the complication of annoying problems.

The ideal according to which the program of Mr. Crocker's department is shaped is that of "physical education for all", a program that is designed primarily to promote the health of every member of the student body. Competition, both extramural and intramural, is only a means to this end.

## 10. Benefactions

Now that definite steps have been taken toward the erection of new buildings at Victoria Hospital, the way has been cleared for the Hospital and the University jointly to enjoy the benefits of the Meek bequests. The total value of the two estates is now \$200,000. Of this the sum of \$100,000 has been allotted to the construction of a thoroughly modern pathological laboratory which most appropriately will bear the name of the son of the donors and be known as the Hamilton Meek Laboratory. It will make a notable and useful addition to the equipment of both the Hospital and the Faculty of Medicine. The remaining \$100,000 will be set aside as an endowment for the operation of the Laboratory. The erection and operation of the Laboratory will afford the best possible demonstration of the inseparable working relationship that exists between Victoria Hospital and the University.

The response of our citizens to the pressing needs of a rapidly growing university is most gratifying. Within the last few months several significant bequests have been left to the University, most conspicuous among them being the bequest of \$50,000 made by the late Colonel W. M. Gartshore, one of our distinguished honorary alumni. In making provision for this sum to come to the University Colonel Gartshore is only continuing in death the gracious generous work he delighted in doing during the years of his life as a citizen among us.

Exactly as was predicted, the Endowment Fund did not stop growing with the cessation of the Campaign. Between October 1st, 1930, and today additional subscriptions to the amount of \$66,336 have been received by the Endowment Office. The most cheering feature of this addition is that by far the greatest part of it has been made by the classes that were graduated last May and by various groups of undergraduates.

The fact that young people who have not yet reached their earning stride make such liberal and spontaneous pledges is a challenge to the older citizens in our midst.

Among the benefactions received during the year has been the grant made by the London Life Insurance Company in aid of research in the Faculty of Medicine. The University is also indebted to the Banting Research Fund for a grant in aid of a special problem of research. (See Dean Macallum's report). A voluntary gift of \$500 from Mrs. T. P. McCormick of this city has been made the nucleus of a Gymnasium Building Fund. This generous example might be worthily followed by groups and individuals among the Alumni and students. Enthusiastic cooperation among them would soon create a fund large enough to make the first unit of a Gymnasium possible.

11. Problems of increased attendance

For the past three years the startling annual increase in the number of students being registered in all departments of the University, but above all in the University College of Arts, has made it necessary to call attention to the problem which would inevitably have to be faced in a short time. Reference to the figures of attendance reported by the Registrar disclose the seriousness of the problem. If to these figures are added the increase recorded at the time of writing, the difficulties involved appear still more pronounced. Obviously unless ingenious re-adjustments of teaching time-tables are possible, new forms of limitation of attendance must be found and applied for the next academic year. But what forms? That is just where the difficulty lies. However, we can say this, by way of assurance to the citizens of Western Ontario, no decision will be reached without a thorough study of the special conditions that obtain in this University. No precedent will be adopted except so far as it suits these conditions. Every effort will be made to satisfy educational needs and to be just to the young people of this region.

The Administration and the Faculties of the University need and ask the patient sympathy of the citizens of the fourteen counties in the University's attempt to solve its perplexing problems. The most practical form this sympathy could take would be the contribution of further endowments and of the means with which to erect new buildings.

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CONCLUSION

The spirit that pervades the entire membership of the University continues to be most admirable. By deliberate policy the path leading to conference with the administrative and teaching staffs has been made easy for the students, an advantage by which the students profit frequently and freely. In consequence of this the path leading in the opposite direction is also easy, the students expecting and welcoming the approach of the Faculty concerning details of student government. The relationship obtaining between Faculty and students obtains likewise among the instructors and administrative officers themselves, a relationship that has made it possible for me to make the satisfactory report recorded in these pages and gives promise of the University's continued success in the future. For the coöperation of staff and students I am exceedingly grateful.

APPENDIX

CHANGES IN THE FACULTIES

1930-31 and 1931-32

APPOINTMENTS - 1930-31

Arts

- John Howard Crocker, M.P.E. - Director of Physical Education.  
Margaret Keyes - Assistant Professor of Secretarial Science.  
Walter A. Thompson, B.A., M.B.A. - Assistant Professor of Business Administration.  
Gilbert N. Tucker, Ph.D. - Assistant Professor of History.  
W. A. Durnford, M.A. - Instructor in Physics.  
Frances Montgomery, M.A., Dr. of U. of Paris - Instructor in Romance Languages.  
Donald O. Robson, M.A. - Instructor in Classics.  
Louise Wismer, B.A. - Assistant in Secretarial Science.

Medicine

- F. S. Vrooman, M.B. - Associate Professor of Psychiatry.  
R. R. Burnett, M.D. - Instructor in Pathology and Bacteriology.  
Vincent A. Callaghan, M.D. - Instructor in Surgery.  
D. M. Lawrason, M.D. - Instructor in Pathological Chemistry.  
Muriel MacLennan, M.D. - Instructor in Anesthesia.  
George H. McGuffin, B.A., M.D. - Instructor in Pathology and Bacteriology.  
Franklin D. Poole, M.D. - Meek Fellow in Obstetrics and Gynecology.  
W. E. Pridham, M.D. - Instructor in Anatomy.  
J. E. Sharpe, M.D. - Instructor in Pathology and Bacteriology.  
D. O. Lynch - Demonstrator in Psychiatry.

Public Health

- Mildred I. Walker, R.N., C.P.H.N. - Chief of Division of Study for Graduate Nurses.  
A. R. K. Matthews, B.A., M.D. - Assistant Professor of Pathology and Bacteriology.



RESIGNATIONS - 1931

Arts

Desmond H. Smyth, M.A. - Assistant Professor of Philosophy and Psychology.  
Margaret Thompson - Assistant Professor of Secretarial Science.  
Gilbert N. Tucker, Ph.D. - Assistant Professor of History.

Medicine

R. R. Burnett, M.D. - Instructor in Pathology and Bacteriology.  
G. H. McGuffin, M.D. - Instructor in Pathology and Bacteriology.  
F. D. Poole, M. D. - Meek Fellow in Obstetrics and Gynecology.  
W. E. Pridham, M.D. - Instructor in Anatomy.  
J. E. Sharpe, M.D. - Instructor in Pathology and Bacteriology.  
C. G. Smith, B.A., M.Sc. - Instructor in Anatomy.  
C. S. Tennant, M.B., M.D.C.M. - Instructor in Psychiatry.

Public Health

C. W. Maddeford, M.A. - Assistant in Chemistry.

APPOINTMENTS - 1931-32

Arts

R. B. Liddy, Ph.D. - Professor of Philosophy and Psychology.  
H. Kalbfleisch, M.A. - Instructor in German.  
Hartley M. Thomas, M.A. - Instructor in History.  
Joyce Plumptre, B.A. - Assistant in Physical Education.

Medicine

E. P. Johns, M.D. - Assistant Professor of Pathology.  
D. M. Lawrason, M.D. - Instructor in Pathology and Bacteriology.  
W. E. Pridham, M.D. - Instructor in Pathology and Bacteriology.  
J. F. Simpson, M.D. - Meek Fellow in Obstetrics and Gynecology.  
J. P. Wells, M.D. - Instructor in Pathology and Bacteriology.

Public Health

T. A. Fleming, B.A. - Assistant in Chemistry.

OFFICERS OF INSTRUCTION

<u>Full Time Staff</u>	<u>University College</u>	<u>Medical School</u>	<u>Faculty of Public Health</u>	<u>Affiliated Colleges</u>	<u>TOTAL</u>
Professors	15	5	3	23	46
Associate Professors	10	4	-	6	20
Assistant Professors	15	2	3	3	23
Instructors	15	8	-	1	24
Technical Assistants	2	12	-	-	14
	—	—	—	—	—
TOTAL	57	31	6	33	127
<u>Part Time Staff</u>					
Professors Emeritus	2	2	-	-	4
Professors	4	13	3	4	24
Associate Professors	-	15	3	-	18
Assistant Professors	-	10	-	-	10
Instructors	1	38	5	12	56
Lecturers	8	4	9	13	34
Assistants & Demonstrators	20	3	-	2	25
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TOTAL	35	85	20	31	171

Full Time Staff - 127  
 Part Time Staff - 171  
 Total - 298

\*Duplicates - 51

NET TOTAL - 247

\* The number of duplicates is noticeably increased because of the numerous exchanges of staff members among the Colleges and Faculties, chiefly between Arts and Medicine.