

ANNUAL REPORT
OF THE
GOVERNORS, PRINCIPAL AND FELLOWS
OF
MCGILL UNIVERSITY, MONTREAL
FOR THE YEAR 1900-1901

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To His Excellency the Right Honourable Sir Gilbert
John Murray Kynynmound Elliot, Earl of Minto,
Governor-General of Canada.

MAY IT PLEASE YOUR EXCELLENCY:—

We beg leave respectfully to submit to Your Excellency, as Visitor of the University, under its Royal Charter, the following Report for the educational year ending 31st August, 1901.

It is gratifying to be able to state that considerable progress has been made in regard to some of the matters to which we directed special attention a year ago. The need for a Chair of Economics, which we put in the forefront of our last Report, has been most opportunely supplied by private munificence—the Board of Governors having received from the Misses Dow, of Montreal, an endowment of sixty thousand dollars for the maintenance of a Chair to be called, in memory of their late uncle, the “William Dow Chair” of Political Economy. And the position of the Faculty of Arts has been still further improved by the munificence of Sir William C. Macdonald, who has provided

endowments—mainly for Botany, Chemistry, and Physics—to the extent of one hundred and sixty thousand dollars, and has thus set free, for the needs of the new curriculum, revenues which have hitherto been absorbed by these departments. As the immediate consequence of this wisely directed generosity, the Board of Governors has found itself in a position to incur additional expenditure in order to secure greater teaching efficiency in connection with such fundamental subjects as English, Modern Languages, Philosophy and Zoology; while the new Professor of Economics will also have the advantage, at the very outset of his work, of the co-operation of a Lecturer in the cognate department of Political Science.

As the Faculty of Arts is the foundation on which the whole system of the University rests, and as it is coming to be increasingly recognised as the best means of access to the professional departments of our work, it seems allowable to state at once here what seems to be the next necessity of the situation. It may be said, generally, that additions to the teaching staff are desirable in nearly every branch of study, so as to permit of a greater degree of individual attention being given to the various sections of our large junior classes, and also to enable the Faculty to develop a real scheme of post-graduate work, which is at present almost entirely neglected. But apart from this there is a definite need for new endowments in connection with two of our most important departments—Philosophy and Mathematics. It is a complete anomaly that there should exist to-day in an institution of such high standing as McGill a double Chair of Mental and Moral Philosophy, and the separation of Ethics from Logic and Psychology becomes a matter of pressing urgency. In regard to Mathematics, the opportunity should be taken at an early date of unifying the whole teaching throughout the University, probably under two full Professors who should be responsible for all mathematical work, whether in the Faculty of Arts or in that of Applied Science.

In connection with the Faculty of Arts, it is a pleasure to refer to the increasing prosperity of the Royal Victoria College for Women, which has now completed its second session. It was hardly to be expected that the aims and advantages of this institution should meet with such immediate appreciation as at once to fill it with *resident* students who have passed the matriculation examination and are pursuing a complete course of undergraduate study. But the number of such students is steadily increasing, and meanwhile the life of the College has taken its tone from the small society of those who have lived within its walls in the initial stage of its academic existence. It seemed a happy augury of what may be looked forward to with confidence as an increasingly prosperous and beneficent career, that it was in the Assembly Hall of the Royal Victoria College—selected for this purpose by Convocation—that the Honorary Degree of Doctor of Laws was most graciously accepted, not only by the Duke, but also by the Duchess of Cornwall and York, on the occasion of Their Royal Highnesses' recent visit to the University.

It was a matter of regret to all concerned that the shortness of the time at the disposal of the Royal visitors—who, after the ceremony at the Victoria College, proceeded to the new buildings of the Faculty of Medicine—did not permit of an inspection of the extension of the University Library which has been undertaken, as mentioned in our last Report, by Mrs. Peter Redpath, of the Manor House, Chislehurst, in memory of her late husband. The Librarian's yearly statement, which will be found appended, contains a detailed reference to the advantages which will be derived from this very generous gift, and all the friends of the University are most grateful to Mrs. Redpath for this mark of her continued interest in, and care for, the work which is only one of many lasting monuments of her late husband's far-sighted munificence.

Following the example of the Protestant Committee, which last year increased the subsidy annually voted for the sup-

port of the University Schools Examinations from \$200 to \$500, the Protestant School Commissioners of the City of Montreal have also increased their contribution from \$150 to \$300. This is the first year in which McGill University has had the exclusive control of these examinations, and they have been conducted during the past summer with a measure of efficiency and success never before attained to. It is a pleasure to state also that our relations with the schools of the Province were never more cordial.

The Board of Governors has to report arrangements with the Associated Board of the Royal Academy of Music and the Royal College of Music, of London, England, in virtue of which local examinations in Music will henceforth be held throughout Canada by McGill University in conjunction with the Associated Board. In order to secure greater efficiency, it is in contemplation to employ for the future more than one examiner in connection with these examinations, for the conduct of which the whole machinery of our own University School examinations will be available. No more satisfactory scheme of examinations in Music can be found anywhere than that which has been carefully developed by the Associated Board; and by connecting the work of this Board in Canada with a University which cherishes more than merely local aims, it is expected that great benefits will result to the cause of musical education throughout the Dominion. It will be fortunate, too, if this indication of our interest in the subject should lead to an extension of the work which, inside the University, is at present being conducted with so great a measure of success by the Resident Instructor in Music at the Royal Victoria College.

Reference should be made to the fact that the undergraduates of the University, acting on a suggestion contained in our last Report, have combined to form what may be called a Representative Council (the "Alma Mater Society") similar to that which exists in other Universities for the purpose of securing greater cohesion among the students of the various Faculties. It cannot be doubted that it will

be a great convenience also to the authorities of the University to be able to communicate directly with the chosen representatives of the undergraduate body when matters are under consideration affecting student interests.

The University is still without a Gymnasium worthy of the name, and the want was painfully felt by our athletes when they received on a recent occasion the representatives of athletics at Oxford and Cambridge, previous to their visit to the United States. These gentlemen will have seen much at Harvard and Yale which is still a long way from being realized at McGill. But though they came to Montreal before the session began, when comparatively few members of the University were in Montreal, we are sure they were nowhere more cordially welcomed than they were by us. The want of residential accommodation for our students—a want which is unknown at Oxford and Cambridge—must also have struck them forcibly, and we trust it may not be long before some of our wealthy citizens, who have not hitherto been approached with reference to the needs of the University, undertake to supply this want. It comes second only to a new and well equipped Gymnasium on the College Grounds. From a merely business point of view, as was stated in our last Report, it must be obvious that improved conditions of residence would mean an increase in our student constituency, and, in this way, an increase in the revenue derived from fees.

Among other pressing needs is an addition to the funds at our disposal for Fellowships to be awarded for the promotion of post-graduate work. Our Exhibitions (for undergraduates) should also be increased in value, if they are to prove attractive to candidates who may think of coming up to McGill from distant centres. It may be anticipated that competition for these Exhibitions will be further stimulated by the change of date which is to come into operation in 1903; after that date they will be competed for in June instead of in November.

If progress is to be made in the department of post-graduate research, it is indispensable that further provision should be made for the needs of the Library. Some of our Professors are severely handicapped in regard to original investigation by the fact that the Library is almost entirely destitute of the special works they require; and it is obviously impossible to expect them to attract advanced students to their laboratories or lecture-rooms so long as they cannot provide such students with the necessary materials. In some departments the need is pressing for a larger supply of the scientific journals, and above all for complete sets of the back numbers of these journals. These are every year becoming more difficult to obtain, and are rising in price. Where they are not available, no piece of research work can be published with any degree of confidence that the ground has not been already covered, and it must be obvious that a school of research cannot be built up under conditions so defective.

In any complete statement of the needs of the University, it would be impossible to omit a reference to the fact that the scale of remuneration at present in force with regard to professorial salaries is, in many cases, inadequate. The University is frequently in danger of losing its best men—men who have been carefully chosen, after a considerable expenditure of time and trouble—owing to the greater inducements which are offered elsewhere. The expense of living in the City of Montreal has greatly increased since the present scale was adopted, and those who know the circumstances will admit that it must be hard for anyone to bring up a family in Montreal with any degree of comfort or social credit on an income of less than Three Thousand Dollars. This should be aimed at henceforward as the minimum salary of all full Professorships.

Chancellor.

Principal.

October, 1901.

THE YEAR 1900-1901.

In the meetings of Convocation at the close of the session, the following degrees in Course were conferred :

Law, B.C.L.	17
Medicine, M.D.	93
Arts, B.A.	36
Arts, M.A.	4
Arts, B. Sc.	1
Arts, M. Sc.	1
Applied Science, B. Sc.	41
Applied Science, M.Sc.	10
Applied Science, D.Sc.	1
Veterinary Science, D.V.S.	3
	207

In addition to the above, James C. Fyshe, B.A., (Harvard) was admitted to the degree of B.A., "ad eundem gradum."

Seven Gold Medals were awarded to successful candidates, besides the Wicksteed Silver Medal for Physical Culture, and the British Association Medals in the Faculty of Applied Science.

Examinations for the Certificate of Associate in Arts were held in June, 1901, at 35 centres, with the following results :

Candidates for A. A. certificate	192
" passed successfully	120
" for preliminary subjects	219
" for Matriculation only	215 (40 centres)
" qualified for entrance :—	
For Medicine	15
For Arts of Medicine	60
For Applied Science	21

The total number of Students attending classes in McGill College during last session was distributed as follows :

Faculty of Law	60
" " Medicine	513
" " Arts	110 } 294
Women	184 }
Men	
" " Applied Science	254
" " Veterinary Science	16
	1,137
Deduct, repeated in different lists	30
	1,107
In McGill Normal School—	
Teachers-in-training	

In the classes of the Normal School at the close of last session Diplomas were granted by the Central Board of Examiners, including for Academies (issued to graduates in Arts of the University), and for Model Schools, the remainder being given in the Kindergarten, Elementary and Advanced Elementary Classes.

At the September Exhibition and Scholarship Examinations in Arts, 2 Scholarships and 25 Exhibitions were awarded, varying in value from \$200 to \$75.

In Applied Science the British Association Prizes and the Scott Exhibition of \$50 and other prizes were awarded.

NEW ENDOWMENTS AND DONATIONS.

The Rt. Hon. Lord Stratbcona has given \$42,500 for the maintenance during the year of the Royal Victoria College.

Sir William C. Macdonald has given, in addition to many other generous gifts, the sum of \$60,000 to endow the Chair of Chemistry held by the Directors of the Chemistry and Mining Building; \$50,000 to endow the Chair of Botany; \$20,000 to supplement the endowment of the Chairs of Physics bearing his name; \$30,000 for storage batteries, reinstallation of the electric wiring of the Physics Building, and other purposes; \$3,600 for travelling scholarships in Law; and has added to the Auxiliary Endowment Fund, which he established in 1897, the sum of \$32,500.

Mrs. Peter Redpath has given, in continuance of her late husband's annual subscription, \$1,000 yearly for the maintenance of the Peter Redpath Museum and \$500 yearly for the salary of the Museum assistant, and has also given, as in former years, \$5,000 yearly for the maintenance of the University Library.

The Misses Dow have given \$60,000 to found a chair of Political Economy, associated with the name of the late Mr. William Dow.

In consequence of the endowment of the above-mentioned Chair of Chemistry by Sir W. C. Macdonald, the David J. Greenshields endowment of that chair has, with

the consent of the representatives of the donor, been transferred to the Associate-Professorship of English Literature.

Mr. George Hague has continued the Exhibition of \$125 offered regularly for many years in his name in the Faculty of Arts.

A Friend has given \$150 towards the maintenance of the Biological Table at Woods' Holl.

The following gentlemen contributed for prizes in the Faculty of Applied Science: Mr. E. B. Greenshields, \$25; Messrs. Fraser & Chalmers, \$25; Mr. J. M. McCarthy, \$20; Mr. W. A. Carlyle, \$150; Mr. C. J. Fleecet, \$20; Robert Gardner, \$25; Crosby Steam Gauge & Valve Co., \$25; Canadian General Electric Co., \$400.

NEW APPOINTMENTS AND CHANGES OF APPOINTMENT.

In the Faculty of Medicine:—

J. T. Halsey, M.D., Demonstrator of Pharmacology, was appointed Lecturer in Pharmacology.

In the Faculties of Arts and Applied Science:—

H. M. Jacquays, M.A., M.Sc.; was appointed Assistant-Professor of Mechanical Engineering.

P. T. Lafleur, M.A., was appointed David J. Greenshields Associate-Professor of English Literature.

Hermann Walter, M.A., Ph.D., was appointed Lecturer in Modern Languages.

Rev. J. L. Morin, M.A., was appointed Lecturer in French.

John W. Cunliffe, M.A., D.Litt., was appointed Lecturer in English Language and Literature.

J. Stafford, B.A., Ph.D., was appointed Lecturer in Zoology.

J. W. A. Hickson, M.A., Ph.D., was appointed Tutor and Lecturer in Philosophy.

A. W. Flux, M.A., was appointed William Dow Professor of Political Economy.

S. B. Leacock, Ph.D., was appointed Lecturer in Political Science.

A large number of Demonstrators have also been appointed in the several Faculties.

FACULTY OF LAW.

The number of students registered in this Faculty was 60, of whom 52 took the full course. In addition, two students in Arts took the class of Roman Law and six students in Arts took the class of Constitutional Law. At the end of the session Sir William C. Macdonald generously offered to provide for this year six travelling scholarships. This has enabled six of the graduates of 1901 to proceed to France, where they will spend a year in the study of the French law and of the French language. The great importance of a thorough knowledge of French for the practice of the legal profession in this Province has always been strongly emphasised by the Faculty. They believe that, even apart from the great educational value of a residence abroad, a post-graduate course in a French Faculty of Law forms the best possible supplement to the work done here. They desire to record their grateful sense of the wise liberality of Sir Wm. Macdonald.
