Annual Report of the President

1946 - 1947

The University of British Columbia

VANCOUVER, CANADA

To The Board of Governors and Senate of
The University of British Columbia.

Gentlemen:

In submitting this report of the University's activities during the academic year 1946-47 I wish at the same time to pay a personal tribute to the devotion, cooperation and hard work of the staff and students, to the wise counsel of the Board and Senate, and to the understanding and support of the Legislature, Press, and community of British Columbia at large. It is these factors which have created the University's enviable reputation in Canadian educational life and on which over the years that reputation will depend.

I have not attempted in the present report to detail the year's activities but rather to indicate, for the benefit of those within the University and those who support us, the main objectives, academic and others, of the year under review and the extent to which we have progressed towards those objectives.

Norman MacKenzie

President's Report

The academic year 1946-47 was a very busy one. More students were enrolled than ever before in the history of the University. Our short-term programme of emergency expansion began to level off and our plans for the University's long-term development began to take shape. A considerable number of new faculty appointments were made, new temporary buildings were erected, new equipment purchased, and new courses of study begun. In sum, the work and responsibilities of the University expanded in a dozen directions.

Education in British Columbia has traditionally been sensitive to the needs of the province's development. The post-war period found the University with two major problems on its hands. The first was to help honour British Columbia's share of the national obligation to returning veterans who wanted to take advantage of the educational provisions of the rehabilitation program. The second was to supply the demands of the rapidly expanding provincial economy for new types of trained and skilled young men and women. Both of these jobs had to be tackled together. Staff, buildings, and equipment for an emergency period, which will presumably come to an end about 1951-52 had to be provided quickly, while at the same time it was necessary to assemble a permanent staff, and to plan a building program to meet the longer term needs of the province and country.

A large part of our time has therefore had to be devoted to our building programs, emergency and permanent.

Building Programs

In April, 1945, the Legislature voted five million dollars to "pay the cost of the construction and equipment of such buildings, works and other undertakings upon lands of the University of British Columbia as the Lieutenant Governor in Council may deem expedient for the use of the University."

The Board of Governors, the administration and the faculty immediately began to plan for future requirements in terms of a university of from 5000 to 6000 students, the figure which registration is expected to reach after it has fallen from its present peak

of over 9000 students and begun to grow normally again. From the first, planning was complicated by the certainty that enrollment would remain far above pre-war figures. Added to this was the fact that the province's requirements for new types of training had become so diverse that there was no possibility of meeting all our building needs even on the generous appropriation which had been made available.

The University Building Committee recommended that the sum of $1,500,000.00 be set aside to develop buildings and resources for medical education and that the remaining funds be spent on the following:

PHYSICS BUILDING
NORTH WING TO THE LIBRARY
BOILER, POWER HOUSE ADDITION
LAND CLEARING
AGRICULTURAL ENGINEERING AND MECHANICS BUILDING
APPLIED SCIENCE BUILDING
BIOLOGICAL SCIENCES AND PHARMACY BUILDING

Through the initiative of the Student Body and Alumni a new War Memorial Gymnasium, to be financed by private and public subscriptions, has been added to the permanent building program.

The foregoing list does not by any means exhaust the urgent needs of the University for further accommodation. It merely attempts to establish the most immediate of those needs in terms of the monies available, and to outline what we hope will be only the first phase of the permanent building program. To this list must be added for the earliest possible consideration:

WOMEN'S AND MEN'S RESIDENCES
A NEW ARTS BUILDING
A HOME ECONOMICS BUILDING
A UNIVERSITY MUSEUM
AN ART CENTRE

The year under review has seen the Agricultural Pavilion completed, the Physics building near completion, substantial progress made on the Library Wing and the Power House Addition, and the beginning of work on the Applied Science building. In addition a 45-acre land clearing program has been undertaken and is proceeding satisfactorily. We have reason to be pleased with progress on phase one of the program but we also recognize that phase two cannot be too long delayed.

Housing

The provision of housing for veteran students and teaching staff has been an important part of our emergency building program. In Acadia Camp and Wesbrook Place there are, at present, living quarters for 103 student and faculty families, 304 single men, 85 single women, and three trailer service houses with accommodation for 70 trailers, housing 51 families and 26 single students.

In the Fort Camp there are dormitory accommodations for 372 single students, and suites for two families. At Lulu Island and Little Mountain camps suites for 173 married students were completed within the year. An additional 50 suites were planned for completion in the following academic year. In all, therefore, the University provided housing during the year for 787 single men and women and 329 student and faculty families, including at last count, 318 children. In addition, an effort has been made in each of the centres mentioned to provide, at least, minimum community and recreational facilities.

In this connection it is a pleasure to record the University's appreciation of the cooperation and initiative which the residents themselves have displayed in helping the University provide for the common needs. We are well aware that not all the camps have as yet all the facilities which are desirable in an educational community. The first requirement was shelter in order that a maximum number of veterans might pursue their education. We have, of course, not been able to provide housing for all who need it, let alone the additional amenities which we hope will come in time.

On behalf of the University Housing Committee I should like in particular to thank the University Branch of the Canadian Legion for the assistance they have rendered at Lulu Island and Little Mountain. In this, as in other ways, they have performed a very useful work on behalf of their fellow veterans.

Student Enrollment

The total number of students enrolled for the regular winter session of 1946-47 was 9035. This figure includes some 290 taking

short courses, but does not include the 1781 persons enrolled in the 1947 Summer School. Of the winter enrollment 7180 (79.5%) were men, 1855 (20.5%) were women, 4796 (53.4%) were veterans and 4239 (46.6%) were non-veteran students.

It is worth noting that the percentage of women students to men is relatively low and that it is likely to remain so until we are in a position to provide residence accommodation for a considerable number of the women who have to live away from home.

The large veteran enrollment is, in part, a result of the University's decision in 1945 not to refuse admission to any veteran duly qualified for University work, so long as the Board and the Administration could contrive to provide sufficient staff and facilities to ensure the maintenance of reasonable standards, and thereby safeguard the academic tradition of which the faculty and alumni are justly jealous.

In addition to its obligations to Canadian veterans, however, the University had also to honour its obligations to the ever-increasing number of non-veteran students (46.6% of the total), most of whom are recent high school graduates who were under military age in 1945. It is they who represent the steadily widening demand for university training in this Province; and what this demand has meant over the past twenty years, and in particular over the past three years, can be seen at a glance from the following figures:

Year	Non-Veteran	Veteran	Total
1926-27	1582	Nil	1582
1936-37	2049	Nil	2049
1944-45	2912	146	3058
	3223	2399	5622
	(Special Winter Session 1098) (Special Spring Session 278)	.....	1376
	4239	4796	9035

Admittedly the pressure of sheer numbers has made it most difficult to maintain academic standards. Large classes have minimized personal relations between instructor and student, and have brought about an undue reliance on formal lectures. Such

conditions over a long period of time must inevitably lower those educational standards which the university has constantly desired to raise. To date, although we are not out of the woods, we do not think much violence has been done to our academic tradition. That this is so, however, is due only to the exceptional devotion of the teaching staff and the exceptional maturity and self-reliance of the students. Conditions like the present cannot continue long without exhausting the teaching staff, curtailing research, and casting an unfair responsibility upon the students themselves. I say this merely to underline the fact that government, the community and the universities must now take thought about the proportion of the population to whom higher education is to be made available. This province and the country at large has produced and can produce enough first class scholars to maintain any standard of education which the community and its representatives in government regard as necessary for the country's development, and for which they are prepared to pay.

No one today argues that ability to pay should alone determine the size of a university's enrollment. On the other hand I have not met many who argue that all students who manage to matriculate should proceed, as of right, to university. Between these two extremes our enrollment in the future must be regulated by the community's needs for trained minds and professional skills as expressed by government grants, private endowment and student fees. There is no mystery about educational finances. The cost per student per year for first, second, or third class education can with fair accuracy be arrived at.

It will be apparent from the current rate of increase in non-veteran enrollment that when the bulk of the veterans graduate the student body is likely to number between 4000 and 5000. From that point it will begin to grow again in relation to the growth and demand of the population of the province. However, 4000 to 5000 students represent a very considerable increase in and diversification of, the province's economic and cultural life. This increase and diversification is already reflected in the enrollment figures (outlined in Appendix A) in Commerce and Law as well as in Agriculture, Forestry, and Engineering; in Architecture, Pharmacy, and Home Economics; in Physical Education, Nursing and in the general Arts courses.

Staff

The teaching staff for the academic year 1946-47 is shown in the following table:

Deans of Faculties	4	Special Lecturers	4
Assistant to the Dean, Faculty of Arts and Science		Honorary Lecturers	8
Professors	83	Part-Time Lecturers	60
Associate Professors	72	Part-Time Instructors	2
Assistant Professors	55	Assistants	324
Lecturers	52	Assistants in the Department of University Extension	8
Instructors	47	TOTAL	720

This total figure represents an increase of 162 over the previous academic year. The reasons for this growth are partly increased enrollment and partly the new courses established within the year.

In spite of the increased teaching staff, classes remain so large as to call for exceptional efforts on behalf of both staff and student. For example, the Department of English, the largest in the University with 45 teaching members in the session under review, had 1800 students in 47 sections in the first year, 1500 students in second year, nearly 1000 students in Applied Science and approximately 1000 students taking elective courses in the upper years. It is not difficult to grasp the extent of the present teaching load in the Department when one considers the essay reading which is so important in the English courses.

Even the exceptional devotion of the present staff if demanded over too long a period will result in diminishing returns and the impairment of essential research. As a result, present and future staffing policy has been receiving considerable attention in terms of provincial requirements for trained men, provincial grants and other sources of income, and student load. In higher education especially the ratio of teaching to thinking or to time spent on research must be retained at such a level, once the emergency period is at an end, that this University will be permitted to make the contribution to original thought and the accumulation of knowledge which the province has the right to expect of it.

New Courses of Study

The University has attempted to keep pace with the demands of a growing economic and cultural community by instituting new faculties, new departments and new courses of study.

A new faculty of Law was instituted in 1945. It has proved to be extremely popular. During the past year 240 students were enrolled. The wholehearted support of Bench and Bar — and the assistance of practising members of the profession as Honorary Lecturers has meant much in establishing this new professional school on a firm foundation.

A new Department of Agricultural Engineering has also been established to round out the courses offered by the Faculty of Agriculture. A new Department of Pharmacy has been added to meet a pressing need, and enrollment during the first year of a four-year course numbered 69. The Department of Architecture, now in its second year, is also filling a long-felt need. It has a current enrollment of 45. The interest which has been shown in the Department of Slavonic Studies illustrates the immense importance which a knowledge of the Soviet Union and the peripheral countries has aroused, irrespective of whether Canada's relationship with these countries improves or degenerates in the sphere of international politics and economics. In addition to Russian and some Polish language and literature, "area" studies offered in this field are being worked out in conjunction with such other Departments as Economics, International Studies and Geography.

International Studies, a new Department in the previous year, has strengthened our offering in the Social Sciences, and is proving of great interest to senior students.

The need for a Department of Music had long been recognized. Established on a minimum basis during the academic year 1946-47, it has attracted wide support and will fill, as circumstances permit, an increasingly important position among the University's Humane Studies.

The opportunity to begin new courses depends on a large number of factors, the two most important of which are the pressure of demand and the provision of funds.

In some of the cases mentioned above, the University by means of generous benefactions, was enabled to develop new fields of study earlier than would otherwise have been possible. We are of course extremely grateful for such opportunities. Acknowledgement of such benefactions is made in another section of this report.

There has been for some years now an increasing demand and a stated need for a Medical Faculty. Discussions with the Government and the interested groups in the community have been and are being held. Because medical education is the most expensive currently offered in Canada and because the social need for trained doctors is of first rank importance, enquiries into cost and necessary facilities have been most exhaustive and have taken a long time. The University is anxious to proceed with the establishment of a medical faculty as soon as sufficient funds are in sight and adequate facilities available. To begin sooner would jeopardize not only the new medical school but also the general academic standards which past and present faculty members and Alumni have struggled to maintain.

Library

These twelve months were a most difficult but exciting time for everyone connected with the Library. Student enrollment continued to rise, many new staff members, departments, and courses appeared in the University lists, and more books than ever before were purchased by this institution.

Although the pressure of demand for library facilities and services became acute in this period, these new problems had to be met with no change or improvement in spacial accommodation. We do not claim to have provided first-class service to staff and students in 1946-47. This, understandably, was impossible. I do not hesitate, however, to commend Dr. William Kaye Lamb and his Library staff for a most remarkable effort to provide satisfactory service under extremely difficult circumstances. It is a task that has called for the utmost in patience and resourcefulness.

We have not permitted adverse working conditions to detract from our participation in national and international library activities. During the period under review the University was host to three important Library Conferences involving the Pacific

sociation, and the new Canadian Library Association. Some 250 Northwest Library Association, the British Columbia Library As- librarians from all parts of Canada attended the last.

In addition to conference affairs several members of the Library staff have participated actively in Library administration. Dr. Lamb, Librarian, served as President of the Pacific Northwest Library Association for the year ending September, 1946. He is now serving as President of the Canadian Library Association, and was appointed Chairman of the Public Library Commission in April. Miss Anne M. Smith is a member of the Council of the American Library Association, and in June was elected to the Board of the Association of College and Research Libraries. Miss Eleanor Mercer served in 1946-47 as Second Vice President of the Pacific Northwest Library Association.

Good progress has been made in recent months with the construction of the large addition to the Library building. If all goes well the roof should be completed by the middle of November, and the wing will be substantially completed by the end of the spring term. These changes, and the task of moving the entire book-stock to a new location, will occupy most of the summer, but the whole Library, old and new, should be in order and ready for use by next September.

We have acquired 11,518 books in the review year as compared with 9,301 in the previous year. These figures do not take into account the various special collections which are accessioned in separate series. At the present time our Library consists of 180,000 volumes, 60,000 of which have been acquired in the last seven years.

We are particularly grateful for the many gifts of all kinds that have been received. These range from collections of German literature, provided by the Custodian of Enemy Property, to a microfilm reader donated by the Vancouver Sun. Many other extremely generous and valuable gifts were received. Mr. H. R. MacMillan contributed a collection of old maps in addition to furthering work on the Forestry Collection which he has initiated and subsidized. It is impossible to list all items here but our grateful thanks must go to the friends of the University who have assisted, in so many ways, to build and improve a fine and comprehensive library collection.

There has been a considerable increase in Library staff from 16 full-time employees in September, 1945, to an expected 45 by October of this year. Eighteen of these hold professional positions.

100,281 books were circulated from the main Loan Desk in 1946-47, as compared with 72,753 in the preceding year. In addition the Extension Department circulated 10,398 volumes, 4,016 of which were plays. Total circulation in all departments was 191,736.

The Art Loan Collection is making good progress in the second year of its inauguration. Lack of time and inadequate display and storage space have not seriously impeded its development. Once more our thanks is due to the many friends who have contributed prints and cash donations to further this collection. Pictures available during the year included 110 original paintings, fifteen Carnegie prints, and ten prints owned by the Art Loan itself.

The number of recordings circulated in 1946-47 reached the astonishing total of 22,617. This was more than double the circulation of the year before. The Extension Department loaned 3,107 records mostly to listening groups, including schools, camps, church organizations and Parent-Teacher Associations, as well as private listening groups of various kinds.

A total of 601 records were added this year, and the collection now consists of 2131 records. With the Department of Music beginning to make use of the collection, and the undergraduate demand for record loans increasing as the service becomes popularized, there is reason to believe that this department may develop rapidly in the next few years.

Research in The University of British Columbia

A great variety of research is continually in progress at the University and I hope it may be possible to describe it in some detail in a future report. It ranges in character from the modest investigations made by some of the better undergraduate students to important projects in research of a fundamental nature conducted by the professorial staff. Not all the work done has an immediate practical application, but the public will probably be interested to know of the scale of the contribution which the

various University departments are making to industry and agriculture — to mention but two fields — year by year. Perhaps a bare listing of a dozen or more of the projects in progress or completed during the academic year 1946-47 will give as good an idea as any of the nature of the work undertaken.

One department investigated the type E form of botulism food poisoning, an outbreak of which occurred at Nanaimo recently. Another sought to develop improved methods of fruit refrigeration. A third continued long-term investigation of hypertention (high blood pressure). Two departments were busy with problems relating to synthetic rubber, while still another was experimenting with the chemical treatment of wood. Processes under development may make it possible to convert such soft woods as hemlock and alder into synthetic hard wood, suitable for flooring. A member of the staff of the Department of Geology and Geography completed a study of the urban geography of the City of New Westminster.

Turning to quite a different field we find a professor working on a contribution to a forthcoming volume to be entitled **Canada in World Affairs 1944-46.** A member of the Department of Zoology has in hand a five-year study of timber wolves in the Rocky Mountain national parks. In the field of agriculture artificial methods of drying hay, certain defects in butter, and several aspects of poultry nutrition and disease are all under investigation. The University is also assisting in a soil survey which it is hoped will ultimately cover the whole province. At the moment work is being carried on in the Peace River block. The Department of Electrical Engineering has been devising ways and means of locating faults in power cables and has achieved gratifying results. Recently the Department was able to locate a fault for a power company with an error of less than 2 feet, with the result that a small hole in the pavement instead of a torn-up street sufficed for the repair work. Finally, the University is making a contribution to research in the much-talked-about field of nuclear physics, for which considerable additional equipment is being installed in the new Physics Building.

For some years a small appropriation has been included in the University's budget for grants in aid of research. The amount

that it was found possible to make available in 1946-47 was no more than $17,500.00, but the list of projects given will indicate the surprising scope and value of the work the departments have contrived to do.

Much of the advanced work done has been undertaken in cooperation with the National Research Council, the British Columbia Research Council, various Dominion and Provincial administrative departments, and a number of large industrial firms. Without their support it would have been impossible to conduct many of the investigations undertaken on anything approaching an adequate scale.

Summer School

Summer Session enrollment figures have followed the general pattern of increase evidenced in the Fall Sessions. Once more Veteran students account, in part, for this remarkable growth, but it is interesting to note that the number of non-veteran students attending the summer classes has augmented proportionately due perhaps to the increasingly varied types of courses offered, and the particular attractions incorporated in the short Extension Department courses.

Summer Session enrollment figures this year correspond to regular session figures of the pre-war years, and although the record high of last year (2380) has not been equalled by this year's total (1815), we feel that the courses have been extremely well-received.

The summer months are well-suited to comfortable study on the campus, and the concentrated nature of certain of the courses has been offset in large part by the easy availability of library and study facilities. Lawns and gardens are at their best, and special events and lectures arranged by the Summer Session Student's Association add a further degree of stimulation to the overall summer program.

All faculties and departments offered courses designed to meet the requirements of veteran students. For that purpose stress

was put on introductory courses in most fields of study. A selection of advanced courses was available to that smaller group of students interested in completing the last few units leading to degrees. Students were able to select from 67 courses, exclusive of the Extension Department and Directed Reading Courses. Many classes were so large that a division was necessary in order to accommodate all members.

Particularly popular were the short courses offered by the University's Department of Extension. An attempt was made to provide interesting and practical instruction in a wide variety of arts and crafts, as well as to stimulate an active interest in current affairs. This latter objective was attained with outstanding success in a Workshop Course on International Relations which surveyed major current developments in the field of international cooperation, placing an emphasis on Canadian-United States relations and their role in world organization.

The Summer School of the Theatre had a successful session terminating the course with a near-professional production of "Skin of Our Teeth", in which amateur actors and actresses of all ages and professions displayed the results of six weeks of intensive training. Summer Theatre is becoming more and more popular on this campus and the quality of production is comparable with the best of the amateur work in Canada. The interest shown by the public in our amateur theatre work, coupled with the increasing number of Community Theatre groups organized by our Summer Theatre graduates is, I think, an encourging contribution to an approaching Canadian National Theatre in which all provinces will participate on an amateur, and ultimately a professional, basis.

Practical courses in Radio Script Writing, Painting for Pleasure, Music Appreciation, and Weaving were given by lecturers selected for their high degree of accomplishment in the professional and academic world. The University strives to bring experts in the arts and crafts to the campus, to meet an increasing demand for this type of instruction. It seems apparent that a considerable portion of the community is anxious to receive organized instruction in leisure-time activities. It is my opinion that everything possible should be done to encourage and satisfy this demand which arises actually from a normal and insistent urge to create.

Extra-Curricular Affairs

Extra-curricular activities are an essential part of a liberal education. It is for this reason that the University collects annually on behalf of the student body a fee of $15.00 per student. This sum of money, totalling many thousands of dollars in aggregate, is handed over to the Alma Mater Society (the under-graduate student body) and is administered by them at their discretion and on their own responsibility. The student body at this University, through its elected Council, enjoys a high degree of autonomy in the handling of its own affairs. It has traditionally exercised its authority responsibly and with moderation. The Council divides its funds among the various student organizations roughly in accordance with its estimate of the relative importance of the extra-curricular activity carried on by each organization. Most of these activities fall into one of three classes: athletics, the arts and sciences, and social. The programs of the component organizations of the Alma Mater Society are then developed in terms of their ingenuity and the budget available to them.

During the past year the University maintained athletic teams in American football, English rugby, association football, grass and ice hockey, basketball, tennis, golf, skiing, archery, and many other fields of competitive activity. Approximately 60 other clubs, association, and societies of all kinds were active; these range in character from the old, established Players' Club, Musical Society, and Parliamentary Forum, to various temporary groups which spring up to meet the particular needs of an individual year or years. The Radio Society is the most recent and one of the most active of the new major clubs. With its studio and its campus broadcasting schedule it offers practical training to all undergraduates interested in all fields of radio.

Many of these organizations — the Parliamentary Forum, for example — provide much the same facilities for laboratory work in the humanities and social sciences as the technical laboratories do in the applied sciences. They exist in order that all students interested may have the opportunity of learning how to express themselves through a particular medium, be it debating, acting or music. It permits them the opportunity to experiment in the formulation and presentation of ideas that are applications of their expanding intellectual, literary and cultural horizons.

The final product of the student activity, in these fields does of course vary from year to year. Last year was a successful one. The students themselves would, I think, be the last to claim that any production, literary, musical, dramatic or debating, represented their final intellectual or aesthetic judgment on the subject presented. Rather, it marks current interest and current growth and it is a matter of gratification to report that the community at large accepts and most generously supports student extra-curricular activities on this understanding.

The University and the Community

A university as a community of scholars and students necessarily has obligations to many related communities of different kinds. First of all it has an obligation to provide the skills and services required by its own geographic constituency, and second it has an obligation to make its contribution to the sum of knowledge in those fields in which it claims some special proficiency. Third it must maintain contact with those who are doing equivalent work in the same fields elsewhere in order to bring to its home constituency the benefits of the discoveries of scholars elsewhere.

This university has from its earliest years attempted to maintain close contact with the province. It has made its services available to the population whenever and wherever possible on an ever increasing scale. It is I think worth adding that the University has also maintained its contacts with other learned bodies and institutions in Canada and elsewhere. During the past year it has provided the President and Secretary (Professor Angus) of the National Conference of Canadian Universities, a member of the National Research Council and Defence Research Council (Dr. Shrum), the President of the Canadian Historical Association (Professor F. Soward), the President of the Canadian Association for Adult Education (Dr. Shrum), and the President of the Canadian Library Association (Dr. Lamb), as well as many active members in a score or more of international, national or provincial learned bodies. The direct value to the students and to the province of these educational affiliations is visibly great, quite apart from the distinction to the University at large which such associations bring.

I should like to express my thanks to the representatives of the press, radio and in a particular way, to the Alumni Association for the cooperation and assistance which the University has re-

ceived from them in the performance of its duties to the community of British Columbia and Canada at large. Without the assistance of the news distributing agencies many of the services which the University is in a position to offer would be inadequately understood or not known at all by those in a position to benefit from them. Without the assistance of the Alumni Association the University would find it difficult to keep in touch with its graduate members in the community, who have a special interest in its activities and its welfare.

In addition I should like to make special mention of the University Placement Service in this connection, for it is serving as an increasingly valuable link between the University and the community, to the joint advantage of student and employer.

During the year 1946-47, 450 students found part time jobs during the term, 2315 found summer employment, 1470 found Christmas vacation employment, and 267 were placed in what promised to be permanent employment.

The cooperation which has been received from individual firms, from business associations, from trades unions, and from the National Employment Service promises well for the future of the Placement Service.

Year by year, registration statistics have shown an increase in the numbers of students who come to the University from all sections of the province — and, indeed from many points outside British Columbia. In the 1946-47 session, 4932 students came from Vancouver, 4310 from other centres in British Columbia, 730 from other parts of Canada, and 62 from other countries. Further evidence of the part the University is playing in making higher education accessible to the whole of British Columbia is revealed in the distribution of scholarships and bursaries to some 350 students from 80 different centres in the Province.

Directly or indirectly, more and more of the people of British Columbia are beginning to reap the benefits that accrue from the University. These benefits may derive from research in provincial industries, from education in attendance, or from the program of the Department of University Extension.

University Extension

During the past year the demand for services from the Department of University Extension increased so much that additions

to the staff and a move to larger quarters, both became necessary. The increased demand becomes significant when it is realized that those asking for services are adults voluntarily seeking education after they have ended their formal schooling. Specialized groups, such as Parent-Teacher Associations, Junior Boards of Trade and farmers' organizations, as well as individuals, have asked for evening classes, short courses and conferences to assist them with their particular educational problems.

The University staff presented 520 lectures to audiences totalling 43,314; 267 students attended 6 summer courses; 450 registered Extension Library members borrowed 6,382 books; 90 listening groups received 3,107 records from the Phonograph Record Loan Service; 134 drama groups borrowed 4,016 plays; approximately 500,000 persons living in 300 communities were shown 10,528 reels of motion picture film; while many others availed themselves of the Extension free loan service of pamphlets.

Other major projects included field work in agriculture, home economics, handicrafts, cooperatives and credit unions; short courses in agriculture and allied subjects; rural leadership camps at the University and at Kilkerran and Baldonnel, in the Peace River. And finally, in the Vancouver area the evening courses and lectures by the University faculty continued to be one of the basic parts of the Extension programme.

A logical conclusion, based on this year's increased Extension activity, is that more and more British Columbians are finding adult education necessary either as vocational training or as an enriching influence in their cultural life. In this process of reinforcing practical experience with systematic education the Extension Department looks forward to years of normal growth in an ever-widening area of service.

Finances

There are normally only four sources of revenue available to this University: the provincial government grant, student fees, gifts, and income from endowments. To these has been added, for the duration of the veteran educational program, a federal government grant of $150.00 per veteran student in addition to the fees which the government also pays for each veteran student entitled to educational benefits. The

total income of the University from all sources during the fiscal year 1946-47, was $3,590,564.96. Of this $1,712,-129.50, or 47.7%, came from student fees; $920,050.00, or 25.6%, from the provincial government grant, $791,412.60, or 22%, from the federal government and $166,972.86, or 4.7%, from benefactions, and sundry accounts. Income from endowment currently held by the University is not included in the foregoing figures as it is held in trust for scholarships, bursaries, and prizes. Income from endowment for general purposes has still to be acquired, and this is essential if the University is to undertake its share of pioneer teaching and research in those fields from which no immediate and tangible results can be expected. A good-sized endowment has proven to be a considerable guarantee of academic freedom and independence. While it is not to be expected that a university as young as our should be heavily endowed the time has come when we can justly hope for this form of tangible evidence of the University's value to the province and the country at large. I hope to have more to say on this subject in next year's report.

Against the $3,590,564.96 which the University received during the year, it paid out for salaries, equipment and other teaching purposes, $1,541,156.41, or 42.9%. Administration cost $186,969.79, or 5.2%; maintenance of grounds, buildings, etc., $407,383.62, or 11.3%, and general expenses including insurance, annuities, etc., $275,252.75, or 7.7%. In addition, the emergency program of alterations to buildings, equipment of new laboratories, etc., accounted for $1,472,390.33, or 41%. This item, made necessary by the heavy enrollment of both veteran and non-veteran students, was responsible for a net operating deficit during the year of $292,587.94. This deficit offsets the operating surplus of the previous year amounting to $207,542.27. The net deficit for the two years amounted to only $85,045.67 which has been charged off to former accumulated surplus.

The cost of first class higher education, particularly in those fields where expensive equipment is required, has been increasing rapidly. In addition general operating costs over the past year have risen sharply. If the University is to continue to turn out fully-trained young men and women in the quantity currently required to meet provincial and national requirements, additional revenues will have to be found.

Appendix A

October 16th, 1947.

REGISTRAR'S REPORT TO THE PRESIDENT

Attendance, 1946-47.
(a) By Faculties and Years
(b) By Nationalities
(c) By Home Addresses
(d) By Occupations of Parents

2. Comparative statement of attendance, Session 1933-1934 to 1946-1947.

3. Complete statement of Degrees Conferred, 1934 to to 1947; of Honorary Degrees Conferred, 1930 to 1947; and of Diplomas issued, 1934 to 1947.

4. Statement in reference to Location of Graduates.

5. Statement of Scholarships, etc., awarded to Graduates.

CHARLES B. WOOD,

Registrar.

THE UNIVERSITY OF BRITISH COLUMBIA

Registration for 1946-47

REGULAR SESSION

	Men	*Women*	*Total*
Faculty of Arts and Science			
First Year	1436	359	1795
First Year Home Economics	—	70	70
Second Year	1086	363	1449
Second Year Commerce	338	22	360
Second Year Home Economics	—	60	60
Second Year Physical Education	39	8	47
Second Year Pharmacy	60	8	68
Third Year	554	298	852
Third Year Commerce	216	17	233
Third Year Home Economics	—	52	52
Fourth Year	310	190	500
Fourth Year Commerce	153	15	168
Fourth Year Home Economics	—	36	36
Graduates	221	49	270
Teacher Training	24	22	46
Social Work	26	67	93
	4463	1636	6099
Included in above:			
Reading Course Students	179	55	234
Extra—Sessional Students	51	9	60
Faculty of Applied Science			
First Year	855	—	855
First Year Architecture	33	—	33
First Year Forest Engineering	83	—	83
First Year B.S.F.	128	—	128
Second Year	433	1	434
Second Year Architecture	8	—	8
Second Year Forest Engineering	35	—	35
Second Year B.S.F.	50	—	50
Third Year	183	2	185
Third Year Forest Engineering	8	—	8
Fourth Year	129	—	129
Fourth Year Forest Engineering	6	—	6
Fourth Year B.S.F.	11	—	11
Graduates	38	—	38
	2000	3	2003
Nursing			
First Year	—	26	26
Second Year	—	17	17
Third Year	—	11	11
Fourth Year	—	11	11
Fifth Year	—	15	15
Certificate Course	—	61	61
	—	141	141
Faculty of Agriculture			
First Year	88	19	107
Second Year	157	18	175
Third Year	93	19	112
Fourth Year	55	6	61
Graduates	32	4	36
Occupational Course	59	2	61
	484	68	552
Faculty of Law			
First Year	162	4	166
Second Year	67	2	69
Third Year	4	1	5
	233	7	240
Totals	7180	1855	9035
Summer Session 1946	1907	461	2368
Botany Evening Class 1946-47	23	20	43

NATIONALITIES OF STUDENTS
(Racial Origins)
1946-1947

NOTE: This list does not include Directed Reading Course.

American	200	Dutch	59	Norwegian	91
Armenian	1	English	2334	Polish	55
Australian	10	French	44	Roumanian	7
Austrian	15	Finnish	18	Russian	76
Belgian	7	German	45	Scottish	1334
British	705	Greek	32	South African	2
Canadian	2612	Hungarian	16	Swedish	89
Chinese	71	Icelandic	21	Swiss	8
Czecho-Slovak		Indian (East)	4	Syrian	2
Bohemian		Irish	583	Ukrainian	72
Moravian		Italian	41	Welsh	109
Ruthenian		Jewish	32	Other Countries	16
Slovakian	24	Jugo-Slavic	10	Unspecified	24
Danish	29	Newfoundlander	3	Total	8,801

GEOGRAPHICAL DISTRIBUTION OF STUDENTS
Regular Session, 1946-1947

Vancouver	4932

FROM POINTS IN BRITISH COLUMBIA OUTSIDE OF VANCOUVER

Abbotsford	22	Bralorne	4	Coalmont	2
Agassiz	10	Brighouse	8	Cobble Hill	8
Alberni	24	Britannia Beach	8	Coghlan	4
Aldergrove	12	Burnaby	58	Comox	16
Alert Bay	1	Burns Lake	2	Coombs	1
Alexandria	1	Campbell River	3	Courtenay	18
Argenta	1	Canyon	1	Cowichan Lake	4
Armstrong	11	Cassidy	2	Cranbrook	16
Aiyansh	1	Castlegar	13	Crescent Beach	3
Ashcroft	5	Caulfield	2	Creston	20
Barkerville	1	Cawston	1	Cultus Lake	4
Baldonnel	2	Cecil Lake	1	Cumberland	6
Balfour	1	Cedar	1	Dawson Creek	7
Bella Bella	1	Cee Pee Cee	2	Deep Cove	2
Bella Coola	1	Celista	1	Delta	1
Blewett	1	Chapman Camp	6	Denman Island	2
Bloedel	1	Chemainus	6	Dewdney	4
Blue River	1	Chilliwack	77	Dollarton	2
Boston Bar	2	Clayburn	2	Dorreen	1
Boswell	1	Clear Water	1	Duncan	42
Bradner	3	Cloverdale	38	Eburne	55

Egmont	2
Enderby	2
Errington	2
Evelyn	1
Falkland	1
Fanny Bay	1
Fernie	21
Field	4
Forest Grove	1
Fort Fraser	3
Fort Steele	2
Fort George	1
Fort St. John	3
Galiano Island	10
Ganges	16
Gibson's Landing	6
Glen Valley	1
Golden	5
Gossip Island	1
Grand Forks	12
Grantham's L'd'g.	1
Great Central	3
Greenwood	3
Grindrod	2
Groundbirch	1
Haney	14
Hammond	5
Harrop	1
Hatzic	2
Headquarters	4
Hedley	9
Hilliers	2
Hollyburn	27
Hope	11
Horsefly	3
Hopkins Landing	1
Invermere	5
Ioco	4
Jervis Inlet	1
Kaleden	1
Kamloops	67
Kaslo	5
Kelowna	54
Keremeos	3
Kimberley	39
Koksilah	2
Kootenay Lake	2
Kyuquot	1
Lac LaHache	1
Ladner	38
Ladysmith	30
Lake Buntzen	1
Langford	3
Langley Prairie	17
Lantzville	1
Lillooet	2
Lynmour	3
Lynn Valley	9
Lytton	1
Maillardville	2
Marysville	1
Matsqui	5
Mayne Island	3
Merritt	4
Merville	2
Metchosin	1
Michel	4
Milner	11
Mission City	18
Mt. Lehman	8
Murrayville	2
Nakusp	8
Nanaimo	84
Nanoose Bay	6
Naramata	5
Natal	14
Nelson	72
New Denver	5
New Westm'r	466
Nicola	1
North Bend	3
North Vanc'r.	174
Northlands	1
Notch Hill	2
Ocean Falls	13
Okanagan Centre	2
Okanagan L'ding	1
Okanagan Mission	1
Oliver	12
Osoyoos	4
Parksville	11
Peachland	5
Pender Is.	1
Penticton	54
Pioneer	2
Pt. Albion	6
Pt. Alice	5
Pt. Coquitlam	9
Pt. Hammond	9
Pt. Kells	3
Pt. Mellon	2
Pt. Moody	5
Pt. Washington	4
Powell River	33
Prince George	16
Prince Rupert	31
Princeton	9
Pitt Meadows	2
Qualicum	9
Queen's Bay	2
Quesnel	11
Quick Station	1
Radium Hot Spr.	2
Revelstoke	23
Riondel	1
Richmond	1
Robson	7
Roberts Creek	1
Rosedale	1
Rossland	16
Rounds	1
Royal Oak	2
Royston	4
Rutland	1
Saanichton	11
Salmo	1
Salmon Arm	24
Sardis	15
Salt Spring Is.	3
Sayward	1
Sechelt	5
Shalalth	1
Shawnigan Lake	5
Shelley	5
Sherman	3
Shoreacres	2
Sidney	22
Silverton	2
Slocan	2
Smithers	6
Sointula	2
Sooke	2
Squamish	2
Steveston	19
Stewart	1
Summerland	6
W. Summerland	9
Sorrento	3
Terrace	3
Trail	70
Union Bay	2
Valemount	1
Vanderhoof	2
Vernon	47
Victoria	493
Wardner	1
Wellington	5
Wells	1
Westbank	3
West Vanc'r.	118
Westview	9
Whiterock	23
Whonock	6
Williams Lake	6
Woodfibre	3
Wycliffe	1
Yarrow	8
Youbou	1
Unspecified	98

FROM POINTS IN CANADA OUTSIDE OF BRITISH COLUMBIA

Alberta	332	Quebec	22	Alaska	1
Saskatchewan	195	Nova Scotia	8	Newfoundland	1
Manitoba	82	New Brunswick	7	Northwest Terr.	2
Ontario	69	Pr. Edward Is.	5	Yukon	6

FROM OTHER COUNTRIES

Asia	4	Europe	6	South America	2
British Isles	7	South Africa	1	United States	40
				TOTAL	9,034

OCCUPATION OF PARENTS
1946 - 1947

NOTE: This list does not include Directed Reading Course.

Deceased	737
Retired	977
Unspecified	803

AGRICULTURAL	
Farmers and stock raisers	611
Foremen—farm	4
Labourers—farm	8
FISHING	
Fishermen	25
HUNTING AND TRAPPING	
Hunters, trappers, guides	2
LOGGING	
Owners and managers	59
Foremen	5
Foresters, timber cruisers	12
Lumbermen:	
Loggers, axemen, cable tenders, riggers, skid tenders, etc.	64
MINING AND QUARRYING	
Owners, managers, contractors, drillers	26
Foremen, overseers	9
Labourers	46
Oil well drillers	3
Quarriers and rock drillers	4
MANUFACTURING AND MECHANICAL	
Owners and managers:	
Clothing contractor	
Director	
Garageman	
Manufacturer	
President	
Publisher	
Secretary, etc.	265
Foremen	49
Inspectors, testers—chemical	1
Inspectors, gaugers—metal	1
Inspectors, scalers—wood	26
Bakers	18
Blacksmiths, forgemen	15
Boiler makers, platers, riveters	5
Boot and shoe repairers	9
Butchers and meat cutters	17
Cabinet and furniture makers	8
Coopers	4
Electricians	63
Engravers and Lithographers	7
Filers, grinders, sharpeners	6
Fitters and assemblers	1
Furnacemen, smeltermen, heaters	15
Jewellers and watchmakers	19
Machinists—metal	88
Mechanics and repairmen	58
Millers—flour and grain	3
Milliners	1
Millwrights	20

Moulders, coremakers, casters	8
Papers makers	9
Patternmakers	5
Photographers	3
Power station operators	2
Printers, pressmen, stereotypers	40
Sawyers—wood	37
Sheet metal workers, tinsmiths	24
Stationary enginemen	63
Tailors	17
Tool makers, die makers, setters	4
Upholsterers	2
Welders and flame cutters	9
Wood machinists, turners, planers	1
Occupations in food:	
Canner, candy maker, dairyman	14
Occupations in fur products	3
Occupations in leather products	3
Occupations in liquors and beverages	3
Other occupations in metal products	9
Other occupations in non-metallic products	5
Other occupations in wood and paper products	17

CONSTRUCTION

Owners and managers	139
Foremen	15
Brick and stone masons	11
Carpenters	202
Electricians and wiremen	10
Painters, decorators, glaziers	48
Plasterers and lathers	10
Plumbers and pipe fitters	22
Structural iron workers	1
Other construction occupations	19

TRANSPORTATION & COMMUNICATION

Owners, officials, managers	56
Foremen	34
Inspectors	11
Agents—ticket, station	31
Baggagemen, expressmen	5
Brakemen—railway	2
Bus drivers	3
Captains, mates, pilots	48
Chauffeurs, taxi drivers	4
Conductors—railway	33
Deliverymen	1
Dispatchers	4
Engineering Officers—ship	29
Linemen and servicemen	13
Lockkeepers, canalmen, boatmen	1
Locomotive engineers	49
Longshoremen and stevedores	16
Radio station operators	5
Seamen, sailors, deckhands	4
Sectionmen and trackmen	3
Street car operators	17
Teamsters, draymen	4
Telegraph operators	16
Telephone operators	1
Truck drivers	21
Yardmen—railway	2
Other transportation occupations	102

TRADE AND COMMERCE

Owners, managers, dealers—retail:	
Agents, clothier, druggist, grocer, merchant, optician, etc	327
Owners, managers, dealers—wholesale:	
Advertisers, brokers, buyers, exporters, shippers, etc.	107
Floorwalkers and foremen	4
Advertising agents	7
Brokers and agents	42
Collectors—bills	1
Commercial travellers	10
Credit men	2
Purchasing agents and buyers	16
Sales agents, canvassers	197
Sales persons in stores	25
Other trade occupations	3

FINANCE

Owners, managers, officials—finance and insurance	112
Insurance agents	99
Real estate agents, dealers	77
Stock and bond brokers	36

PROFESSIONAL SERVICES

Architects	18
Artists and art teachers	2
Authors and editors, journalists	29
Chemists and metallurgists	59
Clergymen	87
Dentists	45
Draughtsmen and designers	8
Engineers, civil	142
Engineers, electrical	41
Engineers, mechanical	31
Engineers, mining	33
Judges and magistrates	12
Lawyers and notaries	134
Librarians	3
Musicians and music teachers	14
Physicians and surgeons	145

Professors and college principals	33
Religious workers	4
Social welfare workers	10
Teachers—school	136
Other professional service occupations	40
Public and Military Services	
Firemen—fire dept.	19
Government inspectors	53
Officers—armed forces	47
Other ranks—armed forces	23
Policemen and detectives	41
Postmasters	34
Postmen and mail carriers	36
Recreational	
Owners and managers—amusements	10
Actors, showmen, sportsmen	2
Motion picture projectionists	10
Personal	
Hotel keepers and managers	29
Laundry owners and managers	2
Restaurant and tavern keepers	22
Barbers	41
Cleaners and dyers	18
Cooks	16
Elevator tenders	5
Guards and caretakers	43
Housekeepers, stewards	14
Janitors	18
Nurses, practical, first aid men	10
Undertakers	5
Waiters	7
Other personal service occupations	4
Clerical	
Accountants and auditors	399
Bookkeepers and cashiers	35
Office clerks	122
Shipping clerks	27
Stenographers	4
Labourer	
Labourers (not agriculture, fishing, logging, or mining)	37
Other Occupations	
Invalid	8
Homemakers	4
Total	8,800

THE UNIVERSITY OF BRITISH COLUMBIA

REGISTRATION

Session	Arts & Science	Applied Science	Nursing	Agriculture	Law	Social Work	Teacher Training Course	Total Winter Session	Session Summer	Short Courses		
1933-34	1147	287	48	63	—	—	61	1606	370	124	2100	
1934-35	1238	320	57	71	—	—	66	1652	377	165	2294	
1935-36	1337	336	68	80	—	—	62	1883	464	278	2625	
1936-37	1499	366	47	95	—	—	42	2049	566	306	2921	
1937-38	1590	416	50	100	—	—	67	2223	650	279	3152	
1938-39	1634	419	59	117	—	—	57	2286	659	290	3235	
1939-40	1664	434	65	139	—	—	69	2371	715	253	3339	
1940-41	1724	466	60	166	—	—	71	2487	587	206	3280	
1941-42	1763	488	63	155	—	—	68	2537	457	184	3178	
1942-43	1744	522	98	140	—	—	34	2538	329	98	2965	
1943-44	1709	515	67	113	—	—	26	2430	441	131	3002	
1944-45	2098	546	112	147	—	51	20	2974	861	113	3948)	
					Special Spring Session---Ex-Service personnel						278)	4226
1945-46	4814	1083	128	406	87	67	47	6632	2368	151	9151)	
					Special Spring Session---Ex-Service personnel						2014)	11165
1946-47	5666	2003	141	552	240	93	46	8741	1791	294	10826	

THE UNIVERSITY OF BRITISH COLUMBIA

DEGREES CONFERRED

Year	M.A.	B.A.	B.Com.	B.Ed.	M.A.Sc.	B.H.E.	B.A.Sc.	B.S.F.	B.A.Sc. Nursing	B.S.W.	M.S.A.	B.S.A.	Total	Grand Total
1934	11	204	31	—	3	—	37	—	5	—	4	12	307	3583
October	6	36	5	—	1	—	5	—	—	—	1	3	57	3640
1935	14	196	23	—	8	—	57	—	13	—	2	19	332	3972
October	12	45	5	—	—	—	5	—	—	—	—	1	68	4040
1936	15	175	21	—	6	—	50	—	7	—	5	16	295	4335
October	10	38	1	—	2	—	3	—	—	—	3	2	59	4394
1937	21	190	28	—	4	—	48	—	2	—	7	14	314	4708
October	9	54	8	—	—	—	6	—	1	—	1	1	80	4788
1938	20	204	31	—	6	—	56	—	7	—	3	19	346	5134
October	10	53	3	—	2	—	4	—	—	—	—	5	77	5211
1939	19	217	22	—	7	—	71	—	8	—	4	22	370	5581
October	5	63	6	—	—	—	9	—	—	—	1	2	86	5667
1940	30	212	37	—	4	—	71	—	13	—	3	18	388	6055
October	6	62	1	—	—	—	71	—	—	—	1	3	74	6129
1941	21	189	26	—	7	—	81	1	8	—	2	19	354	6483
October	8	73	9	—	1	—	—	—	—	—	3	—	94	6577
1942	14	170	52	—	9	—	82	3	6	—	2	26	364	6941
October	12	51	1	3	—	—	2	—	—	—	2	5	76	7017
1943	13	167	31	2	3	—	92	2	12	—	3	25	350	7367
October	8	51	1	3	—	—	1	—	—	—	1	4	69	7436
1944	6	163	37	1	7	—	87	3	9	—	1	24	338	7774
October	1	45	4	7	—	—	1	1	1	—	—	3	63	7837
1945	10	189	43	4	—	—	97	3	8	—	2	19	375	8212
October	5	41	4	8	4	—	3	—	—	—	1	5	71	8283
1946	12	220	54	9	2	15	112	12	19	37	1	32	525	8808
October	12	96	56	19	10	—	5	1	2	1	3	4	209	9017
1947	25	385	151	15	14	28	131	9	16	56	11	52	893	9910

THE UNIVERSITY OF BRITISH COLUMBIA

DIPLOMAS ISSUED

Year	Teacher Training	Public Health Nursing	Social Work	Occupational Course In Agriculture	Totals
1934	61	10	..		71
October	3	..	3	..	6
1935	65	15	3	3	86
October	1		7	..	8
1936	60	15			75
October		..	12	..	12
1937	39	16	..	4	59
October	1	5	19	..	25
1938	65	18	1	3	87
October	..	2	15	..	17
1939	54	14	2	4	74
October	1	1	24	..	26
1940	66	12	3	5	86
October	2	..	23		25
1941	68	9	1	2	80
October		..	22	..	22
1942	59	10	4	4	77
October	..	1	17	..	18
1943	28	27	2		57
October	..	..	12		12
1944	24	29	8		61
October	(June)	1	24		26
1945	21	32	1	3	57
October		2	18	..	20
1946	45	39 (June)	..	18	102
October		5		..	5
1947	41	48		38	127

THE UNIVERSITY OF BRITISH COLUMBIA

HONORARY DEGREES CONFERRED

Year	LL.D. (Honoris Causa)
1930	1
1931	..
1932	2
1933	8
1934	1
1935	2
1936	6
1937	
1938	5
1939	3
1940	1
1941	..
1942	4
1943	
1944 (Oct.)	4
1945	1
1945 (Oct.)	9
1946	1
1946 (Oct.)	1
1947	2

Prev. years	8
	—
Total	60
	D.Sc.
1944	1
1945	2
1946	2
1946 (Oct.)	1
	——
Grand Total	66

October, 1947.

LOCATION OF GRADUATES, October, 1947

Number in:	
Vancouver	4091
Other parts of B.C.	2159
Other parts of Canada	628
Great Britain	70
United States of America	284
Other Countries	50
Number deceased	229
Number whose address is unknown	1297
TOTAL	8808

*

N.B. – These figures do not include original members of Convocation.

Scholarships, Prizes, and Bursaries

During the past year a total of approximately $96,000 was made available to students in the form of scholarships, prizes, and bursaries. This has meant that, in addition to the 53.4% of the student body who are receiving financial assistance under the Veterans Rehabilitation program, an additional 5 or 6% of the non-veteran students are receiving some measure of financial help in the form of:

(a) Scholarships or fellowships which are given for outstanding achievement during one year to students who are continuing their studies or research for another year;

(b) Prizes, which are given at the end of the academic year for work of special merit during that session;

(c) Bursaries, which are provided for students of special ability who are also in need of financial assistance in order to continue their education.

Scholarships and Prizes

Almost all scholarships, fellowships and prizes at the University are either endowed or are maintained as annual gifts by private donors.

Last year 130 individual students were awarded scholarships to the value of approximately $36,000, and 50 received prizes to the value of $4,000.

Bursaries and Loans

Bursaries at the University are provided from three main sources: the Dominion-Provincial Student Aid and Provincial Loan Fund; the University Special Bursary Fund, and the named bursaries established at the University by various individual organizations and persons.

The largest source, the Dominion-Provincial Fund, last year provided assistance to some 200 students, to the value of about $40,000. Bursaries provided from this fund are part gift, part loan. Each student received 60% of the grant as a gift and 40% as a loan, which is interest free until one year after he enters gainful employment, at which time he is expected to begin repayment.

The University Bursary Fund, an annual grant set aside by the Board of Governors, provided some 30 bursaries to the total value of $6500, while the various "private donor" bursaries gave further assistance totalling over $10,000 to approximately 70 others. In all, therefore, 300 students received assistance to the value of $56,500 under the combined bursary programs.

Despite the fact that increasing numbers of promising students are receiving a certain amount of financial assistance as a result of their own efforts and abilities, there are still too many well-qualified young men and women in the province to whom a university education is out of reach for financial reasons.

The University is extremely grateful to the governments and private donors who are helping to bring a university education within the reach of an increasing number of those who are most qualified to benefit from it. Acknowledgement of benefactions is made in an appendix to this report.

Gifts, Grants and Bequests

The following list acknowledges gifts, grants, and bequests received during the period September 1st, 1946 to August 31st, 1947.

Grants and Gifts for Research and Research Equipment

Atomic Energy Commission—to the Department of Physics for construction of Van de Graaf Generator	$32,500.00
B.C. Forest Products, Limited—for expenses of research work in forest entomology	1,000.00
British Columbia Electric Railway Company, Limited—to the Department of Mechanical and Electrical Engineering for special research equipment	600.00
British Columbia Research Council—to the Department of Physics for research on air conditioners and the electrical analogue calculator	1,000.00
British Columbia Telephone Company, Limited—for special equipment in Mechanical and Electrical Engineering and Engineering physics	1,500.00
Canadian Fishing Company, Limited—supplementary donation for continuation of research on fish oils	1,000.00
Consolidated Mining and Smelting Company of Canada—	
(a) for scientific research	50,000.00
(b) 4,060 lbs. of lead to be used for the protection of investigators in nuclear physics. Value	406.00
Geological Society of America—to the Department of Geology and Geography	
(a) for an investigation of the relationships of plants to ore deposits	2,000.00
(b) for special research on fossial pleospongia	400.00
National Cancer Institute—to the Department of Physics for research on the effects of radiation from tracers on tissue	1,500.00
National Research Council—to the Department of Physics	
(a) Synthetic Rubber Programme: continuation of present work	6,750.00
(b) Chalk River Atomic Energy Research Programme:	
(i) ion source development	1,750.00
(ii) disintegration schemes and energy levels of radioactive isotopes	2,279.00
(c) General Research Programme:	
(i) biophysical research on amino acids	2,000.00
(ii) Raman and infra-red spectrum	2,800.00
(iii) Nuclear magnetic moments	1,275.00
(d) Geophysics: distortion of audio frequency electromagnetic fields by electrical conductor	1,000.00
National Research Council—to the Department of Chemistry from Chalk River Laboratories:	
(a) for rubber investigation	2,000.00
(b) apparatus valued at	2,000.00

SAFEWAY STORES LIMITED, in cooperation with the Empress manufacturing Company, Vancouver, and the Fraser Valley Growers, Mission, B.C., for study of the small fruits industry	2,000.00
VANCOUVER MILK DISTRIBUTORS ASSOCIATION—for milk cost survey	1,600.00
VICTORIA PASTEURIZED MILK DISTRIBUTORS—for milk cost survey	400.00

GIFTS FOR UNIVERSITY BUILDINGS, LANDS AND FOREST AREAS

HILLEL FOUNDATION, Vancouver Lodge No. 668, B'nai B'rith—for a study hut on the Campus	4,000.00
H. R. MACMILLAN EXPORT COMPANY, LIMITED—for the development of the Forest Research Area at Haney, B.C.	5,000.00
OGILVIE FLOUR MILLS LIMITED—for the Poultry Mortality Building supplementing a previous gift of $5,000.00 from various feed companies	1,000.00
PHARMACEUTICAL ASSOCIATION OF THE PROVINCE OF BRITISH COLUMBIA—for equipment in the proposed Pharmacy Building	5,000.00
ESTATE OF THE LATE HUGO BRASH—bequest to the Faculty of Agriculture and the Department of Animal Husbandry	1,000.00

GIFTS FOR CHAIRS OF INSTRUCTION, LECTURESHIPS, AND SPECIAL COURSES

B.C. FOREST PRODUCTS LIMITED—$4,000.00 a year for five years to establish a Professorship in Forest Entomology. First instalment	4,000.00
B.C. PACKERS, LIMITED—third instalment for Course in Fisheries	7,500.00
CANADIAN FOUNDATION FOR THE ADVANCEMENT OF PHARMACY—for assistantships in Pharmacy. Total	600.00
DOMINION DEPARTMENT OF FISHERIES—increase in grant for the Adult Education directed by the Department of University Extension	5,000.00
DOMINION GOVERNMENT GRANT—for the Department of Social Work (1947-48)	10,166.40
MR. ROBERT FIDDES—$5,000.00 a year for 10 years for a Chair of Music. Second instalment	5,000.00
JUNIOR LEAGUE OF VANCOUVER—for the Department of Social Work. Third instalment	3,000.00
MR. H. R. MACMILLAN, C.B.E.—	
(a) $5,000.00 a year for 5 years for work in Silviculture. First instalment	5,000.00
(b) $500,00 a year for 5 years to provide special lecturers in Forestry. Second instalment	500.00
H. R. MACMILLAN EXPORT COMPANY LIMITED—$4,000.00 a year for 5 years to establish a Professorship in Forest Mensuration. First instalment	4,000.00
VANCOUVER BOARD OF TRADE, ADVERTISING AND SALES BUREAU—for the course in Advertising conducted by the Department of Commerce. Second annual instalment	1,000.00

Special Trust Funds

Alaska Pine Sales Limited—through Mr. Walter J. Koerner—to establish the "Otto Koerner Memorial Trust Fund", the interest on which is to be used for the purchase of books and materials for music and fine arts.	$25,000.00
Class of Arts '22—to be held in trust for some special purpose.	307.28
University Chapter, I.O.D.E.—transfer of funds from the "University Chapter, I.O.D.E. Loan Fund for Women" to a new account for the establishment of a University Art Centre.	2,500.00

Miscellaneous Gifts

Mrs. J. W. deB. Farris—for the Art Loan Fund.	10.00
Mr. C. D. Houghland—for equipment in Pharmacy.	55.00
Marwell Construction Company—for special journals and technical books in Architecture.	600.00
Mr. B. Knowlton—for equipment in Pharmacy.	55.00
Mr. C. Lightbody—for books or equipment in Pharmacy.	55.00
Mrs. Charles Milne, California—to the Department of Home Economics, in memory of her sister, Mrs. Peter McNaughton, a damask tablecloth and a cash donation of	
Mr. and Mrs. Leon Koerner and Mr. and Mrs. Walter Koerner—for the Art Loan Fund	100.00
Mr. A. W. Scott—for equipment in Pharmacy	55.00
Social Work Students—for the Social Work Department	150.00
Mrs. Douglas Stewart—for the President's Fund	200.00
Veterans' Land Act, Mr. I. T. Barnet, District Supervisor—to assist in some phase of work under the Act	
Vancouver Island Canadian Association for Social Workers—for the Social Work Students' Fund	20.00
Anonymous—for the purchase of Totem Poles for the University	$5,000.00
Anonymous—for the President's Fund	50.00

Dr. George S. Allen—books (24 vols.) for Botany and Biology

Aluminum Company of Canada Limited—25 pounds of Aluminum Casting Alloys for Mining and Metallurgy.

Bond Dealer's Association—industrial manual, supplements thereto and binder

Botanic Garden, Basel, Switzerland—seeds and herbarium specimens

British Columbia Telephone Company Limited—length of 600 pair telephone cables for the Communications Laboratory

Cave and Company Limited—mineralite collection: Mounted specimens of fluorescent minerals

Copper Development Association, London, England — collection of publications on copper metallurgy

Crossman Machinery Company Limited—early type of bipolar electric generator

DOMINION ARBORETUM AND BOTANIC GARDENS, OTTAWA—seeds and herbarium specimens

DOMINION OXYGEN COMPANY LIMITED—complete series of welding instructions and process literature

ELECTRO METALLURGICAL COMPANY OF CANADA, LIMITED, Welland, Ontario—samples of pure ferro-alloys and inoculants

PROFESSOR G. A. GILLIES—valuable specimen of telluride gold ore from Calgoorlie, Australia.

MISS JANE HALLING—a dentalium necklace from an Indian grave, Alaska.

INTERNATIONAL NICKEL COMPANY OF CANADA LIMITED—material for class room purposes,

MARSHALL-WELLS LIMITED—collection of alloy steels.

MORTON ARBORETUM, LISLE, ILLINOIS—seeds and herbarium specimens.

MR. R. C. MCCROSSAN, DR. A. LAWSON AND ASSOCIATES OF THE FORMER "WORLD MUSEUM"—pleistocene horse skull, Alaska.

MR. NEIL MACGREGOR, CHILLIWACK, B.C.—herbarium of the late Mr. H. B. MacGregor.

MRS. R. E. MCKECHNIE—billiard table for student veterans.

NATIONAL PRESSURE COOKER COMPANY LIMITED—Presto Cooker and pressure cooker.

NORTHLAND AUTOMATIC APPLIANCES LIMITED (B.C. Distributors) — Bendix Automatic Home Laundry.

PHARMACEUTICAL ASSOCIATION OF THE PROVINCE OF BRITISH COLUMBIA equipment and supplies for Pharmacy.

PROVINCIAL DIVISION OF CHILD WELFARE—books for Social Work.

PUMPS AND POWER LIMITED—hydraulic turbine.

ROBINSON ELECTRIC COMPANY LIMITED—steam pressure regulating leslie valve for demonstration purposes.

ROYAL BOTANIC GARDENS, KEW—seeds and herbarium specimens.

ROYAL BOTANIC GARDENS, EDINBURGH—seeds and herbarium specimens.

DR. GUSTAV SCHILDER, VANCOUVER—mercury vapor quartz lamp with transformer and stand.

PROFESSOR G. SPENCER—fruit of Kigelia africana, Africa.

HON. H. H. STEVENS—complete set of "The Report and Evidence of the Royal Commission on Price Spreads."

SURVEY MAP STORE, IVEAGH ESTATE, LONDON, ENGLAND—maps for Geography and Geology.

UNION STEAMSHIP COMPANY LIMITED—complete radar set for the Department of Mechanical and Electrical Engineering.

UNIVERSITY WOMEN'S CLUB OF VANCOUVER—brass plaque in memory of of the late Judge Helen Gregory McGill, LL.D., to be placed in the Library.

WESTLAND IRON AND STEEL FOUNDRIES LIMITED—specimens of pig-iron and ferro-alloys.

MRS. G. E. WHITNER—Indian artifacts from Lytton and Lillooet, B.C.

WILKINSON'S LIMITED—length of inconel tubing for special application in Mining and Metallurgy laboratories.

MRS. WALLACE O. WRIGHT—mounted mule-deer head.

MR. A. R. C. YUILL—section of hollow copper conductor of the Boulder Dam transmission line type.

LL.D. cap, gown and hood of the late Judge Helen Gregory McGill.

DR. ANNIE H. ABEL ANDERSON, Aberdeen, Washington—427 volumes and a large collection of pamphlets, offprints, etc.

MRS. PERCY BENGOUGH—file of the *Trades and Labor Congress Journal,* 1937-46, and a gift subscription to keep the set up to date.

MISS J. E. BOSTOCK, MONTE CREEK, B.C.—large collection of Dominion Government Publications.

BRITISH COUNCIL—gift subscriptions of the *Sphere,* Army *Quarterly, Journal* of the Royal United Services Institution, *Syren and Ship-, ping,* and *Marine Engineer.*

MR. J. R. BROWNING—set of 54 mounted photographs of various scenes and historic buildings in Great Britain.

MR. ISAAC BURPEE, PORTLAND, OREGON—set of Lockley's *Columbia River Valley* and a set of Clark's *History of the Williamette Valley,* and photostat copies of a number of rare pamphlets.

CANADIAN EMBASSY, PARIS—set of Mortier's edition of *La Chanson de Roland,* consisting of an introductory monograph and ten volumes of text, printed in Paris 1939-40.

CUSTODIAN OF ENEMY PROPERTY—large collection of miscellaneous literature in German, most of which came originally from the German Embassy in Ottawa.

MR. HENRY DOYLE—collection of books and magazines, including rare early volumes of the National Geographic.

MR. J. W. EASTHAM, PROVINCIAL PATHOLOGIST — large collection of pamphlets, bulletins, periodicals, numbering 4000 items in all.

DR. LACHLAN GILCHRIST, DEPARTMENT OF PHYSICS, UNIVERSITY OF TORONTO—Third edition of Newton's *Principia* (1726), and a copy of the *Elements of Euclid* (1714).

GOVERNMENT OF GREAT BRITAIN—various military maps.

MRS. DON HAET (KIRA BOUNINA) — 16 folders of music scores, mainly arrangements for small orchestras.

MR. W. E. IRELAND, PROVINCIAL LIBRARIAN AND ARCHIVIST—nearly complete set of the British Columbia Sessional Papers, 1875-1936.

MR. W. F. MAXWELL (MEMBER OF ARTS '16) —official publications from the House of Commons Debates, Senate Debates and British Columbia Sessional Papers for most of the years from 1896 to 1902.

MR. WINFIELD MATHESON, NORTH STAR, ALBERTA—eight books for the *William and Mary Forbes Contribution.*

MRS. DENIS MURPHY—copy of *The Trial between James Annesley and Richard, Early of Anglesey,* from the library of the late Mr. Justice Murphy.

MR. H. R. MACMILLAN—a gift to the total of $10,000.00 for the purpose of establishing a comprehensive collection in Forestry and related fields important to the forest industries in British Columbia.

MR. H. R. MACMILLAN—collection of old maps (Pacific Northwest).

PROVINCIAL LIBRARY, VICTORIA—55 volumes of yearbooks, almanacs, etc.

VANCOUVER DAILY PROVINCE — complete file of the Vancouver Daily Province from 1898. Any necessary binding done by the Vancouver Daily Province. Also current issues of the Province.

MR. HENRY WEARNE, QUICK, B.C.—six of the eight parts of Bowdler, Sharpe's *Monograph of the Birds of Paradise* and G. P. Baker's *Calico Painting and Printing in the East Indies in the 17th and 18th Centuries*; together with a portfolio containing 32 colored plates.

VANCOUVER SUN, through Mr. Charles Bailey, business manager—a model C Recordak microfilm reader costing about $479.00.

VANCOUVER WOMEN'S MUSICAL SOCIETY—collection of scores and sheet music.

MR. A. S. WOOTON—nearly complete set of the *Proceedings* of the Institute of Civil Engineers, 1909-1935, and the *Journal,* 1935-46.

MISCELLANEOUS—other useful and generous gifts from: Dr. F. J. Belinfante; Dr. Lloyd Bolton of Santa Clara University; Dr. C. Borden; Mr. Frank Buckland of Kelowna; Dr. W. A. Clemens; Dr. Dorothy Dallas; Mr. J. Duff of Sidney, B.C.; Mrs. Mildred Fahrni; Mr. John Helders; Dr. G. Hooley; Mrs. Gordon D. Herbert of Kelowna; Mr. A. Hotson; Mr. and Mrs. W. H. Hudson; Mrs. J. G. A. Hutcheson; Judge J. A. Jackson; Miss Dallas Johnson; Dr. L. S. Klinck; Mr. D. H. LePage; Major F. V. Longstaff of Victoria; President N. A. M. MacKenzie; Mr. D. W. Oswald; Dr. Lorne Pierce of Toronto; Dr. William Proctor; Mrs. Jonathan Rogers; Mr. A. T. Ruffle; Dr. W. A. Seyer; Professor F. H. Soward; Mrs. Nelson Spencer; Miss Julia Stockett; Dr. W. H. Taylor (Arts '28) of Washington, D.C.; Dr. H. V. Warren; the Canadian Medical Association; the Canadian Pharmaceutical Association; the Canadian Palestine Committee; the Library of the College of Puget Sound; the Swedish Consulate; the Vancouver Poetry Society; the Vancouver Public Library.

GIFTS TO THE LAW LIBRARY

ATTORNEY GENERAL FOR ONTARIO—Statutes.

MR. H. E. BOND—Canadian Bar Review and B.C. Reports.

MESSRS. BOURNE AND DESBRISAY—B.C. Reports.

MR. H. R. BRAY—English Reports Annotated 1866-1900.

MRS. N. P. BUCKINGHAM—textbooks and reports.

MESSRS. CAMPNEY, OWEN AND MURPHY—textbooks.

CANADA LAW BOOK COMPANY—Notable British Trials.

MR. J. CHALMERS—Hansard (Can.).

MR. GEORGE C. CRUX—Miscellaneous and Canada Law Reports.

DEAN GEORGE F. CURTIS—textbooks.

MR. THOMAS ELLIOTT, B.C. YUKON CHAMBER OF MINES—Miscellaneous.

MR. C. T. HAMILTON—textbooks and statutes of Canada and British Columbia.

MESSRS. HOLGATE AND SUMMERFIELD—miscellaneous.

MR. GILBERT D. KENNEDY—textbooks.

MR. GARFIELD A. KING—Canadian Bar Review and miscellaneous.

MESSRS. LADNER, CARMICHAEL AND DOWNS—textbooks.

MRS. A. P. LUXTON—Halsbury (1st ed.) and textbooks.

MR. J. A. MACDONALD—Reports.

MR. R. M. MACDONALD—rare old nominate Report.

MESSRS. MCDOUGALL, MORRISON AND JESTLEY—Canada Bar Review and Supreme Court Reports.

MRS. JESSIE MCGILL—Corpus Juris.

MR. M. A. MCPHERSON, K.C.—Hansard (Can.) 1917-34.

MR. ELMORE MEREDITH—Revised Rejorts.

THE MINISTER OF LABOUR, OTTAWA—Labour Gazette.

MR. T. G. NORRIS, K.C.—textbooks

POWELL RIVER CORPORATION, POWELL RIVER, B.C. (R. H. Scanton)—Statutes of B.C., Statutes of Canada, etc.

MR. S. J. REMNANT—textbooks.

MR. H. RICHMOND—Canadian Bar Review and Miscellaneous.

MR. BRUCE ROBERTSON—Common Law Reports.

MR. HENRY SMILIE—textbooks.

MR. DAVID SPENCER—Case books and Reports.

DR. C. W. TOPPING—textbooks.

MR. R. H. TUPPER—boxes of books and papers.

MR. GEORGE H. R. TURNER—textbook.

MR. R. K. WALKEM—Reports.

HIS HONOUR JUDGE D. WHITESIDE—Reports and texts.

MR. A. M. WHITESIDE, K.C.—sets of All England Reports, and Miscellaneous.

ANONYMOUS—British Columbia Reports and Canada Bar Review.

NEW FELLOWSHIPS, SCHOLARSHIPS, PRIZES AND BURSARIES

(List also includes Awards offered under revised terms. Unless otherwise stated, the amount given is the total annual value.)

FELLOWSHIPS

BRITISH COLUMBIA PACKERS LIMITED—for research and study in fisheries, Session 1947-48. $1,200.00

SWIFT CANADIAN COMPANY LIMITED—for research in food products and nutrition. 1,000.00

SCHOLARSHIPS

BRITISH COLUMBIA TEACHERS' FEDERATION SCHOLARSHIP—Scholarship for teachers in the Summer Session increased from $50.00 to $100.00 annually. $100.00

BRITISH COLUMBIA TELEPHONE COMPANY, LIMITED—graduate scholarships for Physics and Engineering in the Session 1947-48 to the total of 2,500.00

CANADIAN ASSOCIATION FOR THE ADVANCEMENT OF PHARMACY—two awards for students in Pharmacy to the annual total of 200.00

CANADIAN ASSOCIATION FOR HEALTH, PHYSICAL EDUCATION, AND RECREATION—annual Scholarship for Physical Education. 50.00

DAFOE FOUNDATION—a Scholarship awarded in May, 1947, to a student in Social Sciences. 200.00

ESTATE OF THE LATE ALAN BOAG—a Scholarship awarded annually by the trustees of the Estate for an essay on Socialism. 250.00

INTERNATIONAL BROTHERHOOD OF PULP, SULPHITE AND PAPER MILL WORKERS' LOCAL 312, OCEAN FALLS—Scholarship increased from $200.00 to $250.00 annually. 250.00

KELLY, DOUGLAS AND COMPANY LIMITED—the Nabob Scholarship in Food Technology. Given annually. 300.00

MR. I. J. KLEIN—gift of a trust fund of $3.500.00 to establish the N. Leo Klein Memorial Scholarship on a permanent basis. An annual scholarship in Commerce. 100.00

MR. LEON J. LADNER AND FAMILY—an annual scholarship to be called the T. E. and M. E. Ladner Memorial Scholarship—Donation of $2,500.00 towards a trust fund and $300.00 for the first scholarship. 300.00

PLAYERS' CLUB ALUMNI—an annual scholarship for members of the Players' Club. 50.00

SUMMER SESSION STUDENTS' ASSOCIATION—original scholarship increased from $40.00 to $75.00 annually. $ 75.00

Second scholarship also provided (Annual amount indefinite at present.)

MR. AUSTIN C. TAYLOR—Boultbee-Bosustow Memorial Scholarship in Mining and Metallurgy. An annual award. 250.00

VANCOUVER PRIMROSE CLUB—an annual scholarship named the Hon. R. L. Maitland Memorial Scholarship, for students in Law. Contribution of $450.00 to a trust fund and $150.00 for the first award. 150.00

WINSPEAR, HAMILTON, ANDERSON AND COMPANY—Scholarship for Commerce (first awards to be made in September, 1948). 300.00

BURSARIES

ALLIED OFFICERS' CLUB AUXILIARY—$2,500.00 to provide emergency assistance from time to time for veterans. Also a trust fund of $2,500.00 to establish an annual bursary for veterans of annual value $75.00. 75.00

AMERICAN WOMEN'S CLUB—annual bursary for students in Social Work. 100.00

MR. R. G. COLE, HAMILTON, ONTARIO—bursaries in Mining and Metallurgy, Session 1947-48. 300.00

MR. W. J. H. DICKS, SIDNEY, B.C.—trust fund of $5,000.00 now established to provide the Geldart Riadore Bursary.	$ 150.00
MR. C. T. MCHATTIE—the Ellen Ethel McHattie Bursary for Social Work.	300.00
MR. AND MRS. J. S. MCLEAN, TORONTO—bursaries for the Session 1947-48.	1,000.00
NURSERY SCHOOL ASSOCIATION OF VICTORIA—bursaries for students proceeding to Nursery School Work elsewhere. Session 1947-48.	500.00
ROTARY CLUB OF VANCOUVER—bursary for Social Work, Session 1947-48.	300.00
MR. LOUIS TOBAN—annual bursary for students in Pharmacy.	100.00
UNIVERSITY WOMEN'S CLUB OF VANCOUVER—an annual bursary for women students.	100.00
VANCOUVER BAR ASSOCIATION—annual bursaries for students in Law.	200.00
ANONYMOUS—the sum of $1,000.00 to be awarded to a worthy student in instalments over his undergraduate course. Total amount	1,000.00

PRIZES

B.C. TREE FRUITS LIMITED, KELOWNA—Special prizes awarded in August, 1947, to students in Commerce.	$ 300.00
HEWITT BOSTOCK MEMORIAL LECTURE PRIZE—for the best essay on the Bostock Lecture.	25.00
CANADA LAW BOOK COMPANY—annual book prize for students in law.	25.00
CHEMICAL INSTITUTE OF CANADA—annual book prizes for students in Chemistry.	50.00
J. W. DAFOE FOUNDATION PRIZES—prizes open to students in Economics or History in the Session 1946-47.	200.00
ENTOMOLOGICAL SOCIETY OF THE PROVINCE OF BRITISH COLUMBIA—annual book prize for Zoology.	15.00
FROSST PROFICIENCY AWARDS—prizes offered annually through the Pharmaceutical Association of Canada by the Charles E. Frosst Company, Montreal, to the total of	225.00
MR. H. R. MACMILLAN, C.B.E.—second instalment of $750.00 to provide a fund of $2,250.00 for prizes in Forestry.	750.00
NORTHERN PEAT MOSS COMPANY, LIMITED—prizes for Agriculture in the Session 1947-48.	100.00
DR. WILDER PENFIELD—special prize for 1946-47.	100.00
TORONTO GENERAL TRUSTS CORPORATION—annual book prize for Law.	25.00
TRAIL BOARD OF TRADE PRIZES—awards for Architecture. Total donation	75.00
TRANSPORTATION AND CUSTOMS BUREAU, VANCOUVER BOARD OF TRADE—prizes in Commerce for the Session 1946-47 to the total of	325.00
VANCOUVER BAR ASSOCIATION—prize for students in Law, Session 1946-47.	100.00
ANONYMOUS—prize for Home Economics, Session 1946-47.	50.00
ANONYMOUS—Special book prize for Law, Session 1946-47.	25.00
ANONYMOUS—prize for Mathematics, Session 1946-47.	50.00

Medals

Frank W. Horner, Limited, Montreal—gold medal for Pharmacy.

Law Society of British Columbia—gold medal for Law.

Board of Governors—Silver Medal for Arts and Science.

Student Loan Funds

Mr. H. R. MacMillan, C.B.E.—fourth instalment of a loan fund of $2,000.00 for Forestry students.	$ 500.00
Spring Session Students' Association, 1946—emergency loan fund for veterans.	2,054.60
Summer Session Students' Association—loan fund for teacher-students.	300.00
Anonymous—loan fund for Home Economics students.	375.00
Anonymous—loan fund, at present for the use of student veterans.	1,500.00

Previously Established Awards Maintained in the Session 1946-47

(Unless otherwise stated the amount given is the total annual value.)

Alaska Pine Company Limited—Scholarship.	600.00
Alberta Meat Company Limited—bursary	50.00
Alliance Francaise—bursary.	50.00
Alumni Association, University of B.C.—bursary.	50.00
American Women's Club—bursary.	100.00
Mr. and Mrs. Daniel M. Armstead—scholarship and prize.	300.00
Association of Professional Engineers—book prizes.	125.00
B.C. Drugs Limited—scholarship.	150.00
Mrs. Angela Bell—bursary (trust fund).	150.00
Beverley Cayley Scholarship (provided under the will of the late Mrs. Cayley)	100.00
B'nai B'rith District No. 4 Hillel Foundation—scholarship.	250.00
B'nai B'rith Auxiliary No. 77—scholarship.	50.00
Mr. and Mrs. J. L. Bologan—prize.	25.00
Britannia Mining and Smelting Company, Limited—scholarship.	250.00
British Columbia Co-operative Seed Growers' Association—bursary.	100.00
British Columbia Electric Railway Company Limited—scholarships	1,000.00
British Columbia Fruit Growers Association	125.00
British Columbia Loggers' Association—bursary	225.00
British Columbia Lumber Manufacturers' Association—prizes	175.00
British Columbia Sugar Refining Company Limited—scholarships.	2,500.00
Mr. P. W. Burbidge—scholarships	250.00

CANADIAN FOREST PRODUCTS LIMITED—scholarships and prizes.	$ 500.00
CANADIAN INDUSTRIES LIMITED—fellowship.	750.00
CANADIAN PULP AND PAPER ASSOCIATION, WESTERN BRANCH—fellowship. (Not awarded.)	1,000.00
CARIBOO GOLD QUARTZ MINING COMPANY LIMITED—scholarship.	200.00
CARSWELL COMPANY LIMITED, TORONTO—book prizes.	$ 40.00
MR. S. J. COHEN—bursary (trust fund).	150.00
CONSOLIDATED MINING AND SMELTING COMPANY OF CANADA LIMITED—Fellowship.	1,200.00
CONVOCATION, UNIVERSITY OF BRITISH COLUMBIA—prize	50.00
CROFTON HOUSE ALUMNI—scholarship.	175.00
MR. G. T. CUNNINGHAM—prizes and scholarships (not awarded).	150.00
ROBERT S. DAY AND SON LIMITED—bursary.	150.00
DELTA GAMMA FRATERNITY—bursary.	75.00
DELTA GAMMA FRATERNITY—bursary for blind student.	100.00
MR. WILLIAM DORBILS—scholarship. (contribution of $500.00 a year for four years to provide a scholarship of $2,000.00 to be awarded in 1950)	500.00
DUNSMUIR SCHOLARSHIP—(provided by a trust fund).	150.00
ENGINEERING INST. OF CANADA—Prize	25.00
ENGINEERING INSTITUTE OF CANADA (Vancouver Branch)—book prize.	25.00
FACULTY WOMEN'S CLUB—bursary and scholarship	200.00
GAMMA PHI BETA SORORITY, ALPHA LAMBDA CHAPTER—bursary.	50.00
GENERAL CONSTRUCTION COMPANY LIMITED—scholarships.	500.00
GLADSTONE CHAPTER No. 6 C. J., ORDER OF AHEPA—prize.	100.00
MAJOR GENERAL D. M. HOGARTH, TORONTO—scholarships.	250.00
IMPERIAL ORDER DAUGHTERS OF THE EMPIRE—scholarship (trust fund)	100.00
MR. T. INGLEDOW—prizes.	100.00
JOHN INGLIS COMPANY LIMITED, TORONTO—scholarships.	250.00
I.O.O.F. GRAND LODGE, B.C.—bursaries.	1,200.00
MR. J. R. J. LLEWELLYN JONES—prize.	50.00
KHAKI UNIVERSITY AND Y.M.C.A. BURSARIES (trust fund).	500.00
MR. WILLIAM N. KELLY—prize.	15.00
MR. THOMAS H. KIRK—scholarship.	100.00
KIWASSA CLUB OF VANCOUVER—bursaries.	600.00
BRIGADIER NOEL D. LAMBERT—scholarship.	200.00
LADY LAURIER CLUB—bursary.	100.00
LAUDER MERCER AND COMPANY LIMITED—bursary.	250.00
LEFEVRE GOLD MEDAL AND SCHOLARSHIP (provided by a trust fund established by the late Mrs. Lefevre).	150.00
CAPTAIN LEROY MEMORIAL SCHOLARSHIP (trust fund established by Universities Service Club).	150.00

LIONS SERVICE CLUB—fellowship.	$1,500.00
MRS. MARY C. LIPSETT—bursary.	300.00
MCGILL GRADUATES (trust fund established by the McGill Graduates Society of British Columbia).	125.00
MRS. D. A. MCKEE—prize (provided by trust fund)	30.00
NATIVE DAUGHTERS OF BRITISH COLUMBIA—scholarship.	50.00
NEWS-HERALD—prizes.	350.00
NICHOLSON SCHOLARSHIPS (trust fund established by the late Dr. F. J. Nicholson).	1,000.00
MR. G. W. NORGAN—scholarships and prizes	1,000.00
NORTHERN ELECTRIC COMPANY LIMITED—prize.	100.00
PACIFIC MILLS LIMITED—scholarship.	250.00
PACIFIC MEAT COMPANY LIMITED—bursary.	200.00
P.E.O. SISTERHOODS, VANCOUVER CHAPTERS—bursary.	150.00
MR. J. W. PATTISON—bursaries.	200.00
PHARMACEUTICAL ASSOCIATION OF THE PROVINCE OF BRITISH COLUMBIA—Scholarship and prize.	150.00
MR. R. J. POP—scholarship.	150.00
POWELL RIVER COMPANY LIMITED—scholarship.	700.00
PRICE, WATERHOUSE & CO.—scholarship.	250.00
PROVINCIAL DEPARTMENT OF HEALTH AND WELFARE (Health Branch) —prizes	100.00
FLYING OFFICER REV. GEORGE ROBT. PRINGLE MEMORIAL BURSARY.	200.00
PROVINCIAL COUNCIL OF BRITISH COLUMBIA, CANADIAN DAUGHTERS' LEAGUE bursaries.	200.00
R.C.A.F. VETERANS' FUND (established by the Wartime Convalescent Homes, War Charity Fund, Inc.).	300.00
ROTARY CLUB OF VANCOUVER—bursaries.	1,000.00
R. RANDOLPH BRUCE SCHOLARSHIPS (trust fund established by the late Honourable R. Randolph Bruce).	200.00
ROYAL INSTITUTION (trust funds) —scholarships.	1,600.00
MISS MARION A. SHAFFER—bursary.	200.00
SHANAHAN'S LIMITED—scholarship.	500.00
SHAW MEMORIAL SCHOLARSHIP (trust fund established by the friends of the late James Curtis Shaw).	125.00
SHELL OIL COMPANY OF CANADA LIMITED—fellowship.	1,075.00
STANDARD OIL COMPANY OF BRITISH COLUMBIA LIMITED—fellowship.	1,100.00
SUMMERLAND SCHOLARSHIP—established by the citizens of Summerland.	250.00
COL. AND MRS. W. G. SWAN—bursary.	250.00
TEAMSTERS' JOINT COUNCIL NO. 36—bursary.	250.00
TERMINAL CITY CLUB (trust fund established by Members of the Club).	100.00
DAVID THOM BURSARIES AND SCHOLARSHIPS (provided by trust funds from the David Thom Estate).	400.00

TIMBER PRESERVERS' LIMITED—prizes.	$ 135.00
UNITED EMPIRE LOYALISTS ASSOCIATION—silver medal and cash prize.	25.00
UNIVERSITY WOMEN'S CLUB—bursary.	100.00
WOMAN'S CHRISTIAN TEMPERANCE UNION OF BRITISH COLUMBIA—prize. (not awarded)	50.00
VANCOUVER DAILY PROVINCE—scholarship.	250.00
VANCOUVER PANHELLENIC ALUMNAE ASSOCIATION—bursary.	200.00
VANCOUVER SUN—scholarships.	600.00
VANCOUVER SECTION NATIONAL COUNCIL OF JEWISH WOMEN—bursary.	100.00
VANCOUVER WOMEN'S CANADIAN CLUB—scholarships (partly maintained by trust fund).	300.00
HON. W. C. WOODWARD—scholarships.	250.00
ANONYMOUS—G. M. Dawson Scholarship.	50.00
ANONYMOUS—International Studies Prize (provided from a trust fund).	30.00

SPECIAL AWARDS

HIS EXCELLENCY THE GOVERNOR-GENERAL OF CANADA—gold medal.

KIWANIS CLUB OF VANCOUVER—gold medal.

SIGMA TAU UPSILON HONORARY AGRICULTURAL FRATERNITY—gold medal.

ACKNOWLEDGEMENTS

CONTRIBUTORS TO THE DEAN OF WOMEN'S FUND—

Kappa Kappa Gamma Sorority.

Kappa Kappa Gamma Mothers' Club.

Alumnae of University of Toronto (Marion McElhaney Memorial Bursary)

DOMINION-PROVINCIAL STUDENT AID FUND AND PROVINCIAL LOAN FUND—

Approximately $40,000.00 in bursaries and loans awarded to 200 students in attendance at the University of British Columbia.

FRENCH GOVERNMENT MEDALS, BOOK PRIZES AND SCHOLARSHIPS—awarded to graduates of the University of British Columbia.

IMPERIAL OIL LIMITED—scholarship of $300.00 awarded to a graduate of the University of British Columbia.

IMPERIAL ORDER DAUGHTERS OF THE EMPIRE—overseas scholarships awarded to two graduates of the University of British Columbia.

RHODES SCHOLARSHIP TRUST.

VANCOUVER MEN'S CANADIAN CLUB—because of whose efforts many of the scholarships available for students were obtained.

SCHOLARSHIPS, PRIZES, FELLOWSHIPS AND BURSARIES AWARDED TO GRADUATES
1946 - 1947

During the year many scholarships, fellowships, and bursaries have been won by graduates of the University. The following list does not include awards which have been made by the Senate of the University of British Columbia.

Adcock, Zelle	Scholarship	unknown	Philosophy	Columbia University
Roberts, R. P.	Teaching Fellowship	$900.00	English	University of California
Blissett, William	Teaching Fellowship	unknown	English	University of Toronto
Chekov, Louis	Scholarship	$800.00	Psychology	University of Washington
Clemens, Ann M.	Ramsay Wright Memorial Scholarship	$650.00	Zoology	University of Toronto
Creighton, Kenneth D.	Teaching Fellowship	$750.00	Accounting	University of California
Filmer-Bennett, G. T.	Unknown	unknown	Psychology	University of Indiana
Forester, J. H.	Teaching Assistantship	$1800.00	Physics	Purdue University
Goodman, Abraham H.	Graduate Scholarship	$ 400.00	Education	Harvard University
Height, Joseph	Teaching Fellowship	unknown	German	University of California
Ivey, Donald	Teaching Fellowship	$2000.00	Physics	Notre Dame University
Johnston, A. C.	Teaching Assistantship	$1800.00	Physics	Purdue University
Kusacka, Shuichi	Frank B. Jewett Research Fellowship	$3000.00	Physics	Princeton University
Metford, L. Jacques S.	French Government Scholarship (approx.)	$1,000.00	French	University of Paris
Milley, H. R.	Teaching Fellowship	$1500.00	Physics	Purdue University
Mitchell, Patricia A. M.	Resident Graduate Scholarship	$ 500.00	History	Bryn Mawr University
McGregor, Malcolm F.	*John Simon Guggenheim Memorial Fellowship*	unknown	*History*	unknown
McLeod, R. R.	Teaching Assistantship	$1800.00	Physics	Purdue University
Retallack, J. G.	Teaching Fellowship	$ 900.00	Physics	University of California
Rush, Jack T.	French Government Vacation Scholarship (approx.)	$ 170.00	French	University of Paris
Shepard, A. H.	Teaching Fellowship	$1200.00	Psychology	University of Iowa
Underhill, Anne	Canadian Federation of University Women Fellowship	$1250.00	Astrophysics	University of Chicago
Zubeck, John Peter	Teaching Fellowship	$ 600.00	Psychology	University of Toronto

NOTE:—In many cases these scholarships and fellowships carry with them free tuition or exemption from fees (or travelling expenses) in addition to their monetary value.

Value of scholarships, fellowships and bursaries won by our graduates in other Universities and in Institutes during the 1946-47 Session $21,020.00

Total value of scholarships, fellowships and bursaries won by our graduates in other Universities and in Institutes since the first awards were made in 1917 ..... $802,959.00

August 28, 1947.

NOTE:—This list does not include Directed Reading Courses.