1964-1965

REPORT OF THE PRESIDENT

THE UNIVERSITY OF BRITISH COLUMBIA

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REPORT OF THE PRESIDENT

for the Academic Year 1964-1965

BY JOHN BARFOOT MACDONALD

VANCOUVER, BRITISH COLUMBIA, 1966

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FOREWORD

The Board of Governors,
The University of British Columbia.

Madam Chancellor and Gentlemen:

I here set before you my report of the activities of the University during the year 1964-1965. You will, I am sure, rejoice in the accomplishments of the Faculty. You will also, I hope, be heartened by the magnitude of the gifts received and by the quickening of the building programme, which I have described at some length. As you know, formidable problems remain to be solved. The experience of the past year will give us the confidence that we need to meet them and to solve them.

Very truly yours,

JOHN BARFOOT MACDONALD

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I

THE UNIVERSITY

THE YEAR UNDER REVIEW has been a notable one in the history of the University of British Columbia. It has been notable in many ways, most of them encouraging, some saddening. The University was operating for the first time in its history with a budget in which the request to the provincial government had been matched by the size of the grant. The increase was the largest ever received by the University. The result has been a closer relationship between planning and progress than has been possible heretofore. The University is grateful to the Government of British Columbia for its recognition that the University's announced goal, to attain in three years a level of support equal in dollars a student to the Canadian average, is vital and indispensable.

The University also has cause for optimism in the number of gifts received, in the progress made in building, in the strengthening of the Library, in the launching of a very large campaign for capital funds, in the improvement of salaries, and in the thoughtful consideration given at all levels to the University's academic goals. All these justify a sense of accomplishment in the past and confidence in the future.

On the other hand, the sudden deaths of George T. Cunningham, Chairman of the Board of Governors, and Dr. Kaspar D. Naegele, Dean of the Faculty of Arts, brought mournful gloom to the campus. Mr. Cunningham died suddenly in California on March 7. He was for a generation one of the University's greatest friends and had been so recognized in November when he was acclaimed by students and alumni as Great Trekker for 1964. He planned to retire in June from the Board on which he had served with striking loyalty and unselfishness for thirty years. He will be remembered by all who knew him as a model citizen and for those to come his name will

be perpetuated in the George Cunningham Building, the home of the Faculty of Pharmacy, which he was instrumental in establishing. The University was proud to confer on him posthumously the degree of Doctor of Laws, *honoris causa.*

Kaspar Naegele met his tragic death February 6, 1965, and left the promise of academic leadership that he had so recently brought to his Faculty unfulfilled. He was a man of ideas and he thought deeply about education. During his brief tenure he initiated important discussions about the future tasks of the Faculty of Arts; these remain to be developed by his colleagues, upon whom his aspirations made such impact.

In mid-June, Premier W. A. C. Bennett, in an address to the Convocation of Simon Fraser University, suggested ways and means of financing the building programmes that must be undertaken by the three public universities. The Premier guaranteed $40.7 million from the government in the next five years, $18 million each to the University of British Columbia and Simon Fraser University, and $4.7 million to the University of Victoria. He then proposed that the three universities make a combined appeal to the public for an additional $28 million to be pledged over five years and divided as follows: 42% ($11,760,000) each to the University of British Columbia and to Simon Fraser University, and 16% ($4,480,000) to the University of Victoria. But the government's contribution, said the Premier, will be absolute and will not depend in any way upon the success of the public campaign.

The three universities met the challenge promptly and the 3-Universities Capital Fund Campaign was launched before August disappeared from the calendar. The three Presidents agreed upon the Premier's terms and the Managing Committee, under the chairmanship of Allan M. McGavin and Cyrus H. McLean, retained a leading fund-raising firm, G. A. Brakeley & Co. Ltd., to organize the campaign, the total cost of which was assessed at 1.58% of the objective. It is worthy of note that direct appeals to the corporations and individuals are being undertaken by some 5,000 unpaid volunteers and include a canvass of 25,000 alumni in 76 countries.

The 3-Universities Capital Fund Campaign is historic in several respects: it is the first combined appeal to be made in North America by three public universities; the objective of $28 million is the highest goal ever set in Canadian fund-raising; by mid-May, 1965, pledges had reached $15,386,529, a record for fund-raising by

Canadian universities; by August, pledges surpassed $19 million and thus constituted the largest sum raised in any campaign in Canadian history.

A gift of $2 million by MacMillan, Bloedel & Powell River (B.C.) Ltd. set the pace for Canadian forestry from coast to coast, which contributed $4.5 million. From corporations outside British Columbia, many of whom, to be sure, have interests in this province, came nearly $7 million. The gift of $1,350,000 from Consolidated Mining & Smelting Co. Ltd. is remarkable in that the amount is equivalent to $200 for each employee. Within the three universities themselves, 32 members of the Boards of Governors made personal contributions totalling $251,950. Generous support included private pledges as large as 20% of a year's income, payable over five years, and the promise of 6% of a year's salary from the 48 members of a single union's local.

As a first result of the provincial grants and the campaign the University of British Columbia has been able to move rapidly into a capital programme that will expend $30 million in five years (1964-1969). During the past year an extension to the University Library ($972,000) added substantially to the space available for stacks and study. The Henry Angus Building for the Faculty of Commerce and Business Administration and for the Social Sciences of the Faculty of Arts was completed at a cost of nearly $3 million; the immediate effect was the demolition of fifteen tired huts, an exhilarating sight to those who dream of a campus without slums. Construction of the Faculty of Dentistry began, along with additions for the basic medical sciences ($4 million). The Faculty of Dentistry began its active life with the enrolment of eight students in September 1964. The number will rise to twenty when the new buildings are first occupied, in September 1966, and will eventually reach forty. Drawings for the joint home of the Faculties of Forestry and Agriculture ($4,355,000) have been finished and building should commence in the autumn; the basic design of an expansion for the Departments of the Biological Sciences and the Institutes of Fisheries and Oceanography ($6 million) is taking shape. The same may be said of a building ($1.5 million) for Music, which is to take its place between the Lasserre Building and the Frederic Wood Theatre as part of the Norman MacKenzie Centre for the Fine Arts. To sum up, we rejoice in the realization that nearly two-thirds of the five-year programme was subject to active development during

1964-1965; better still, new buildings and other capital assets worth $7 million were in fact added to the University before the year's end.

The singular hospital of 410 beds, intended for teaching and research, stands apart. At an initially (1963) estimated cost of $18 million, it will be the first, among Canada's twelve medical schools, to be operated by a university. The pride of the Health Sciences Centre, it will occupy forty acres on the east side of the campus, extending south from University Boulevard. Physicians from all parts of British Columbia, who will use it as a referral centre, will share in its benefits. The financing arrangement is also unique. P. A. Woodward, with a gift of unprecedented generosity, will provide $4 million toward the capital cost; the federal government, for the first time recognizing the costs of teaching and research, has undertaken to supply $4 million, about four times the normal federal grant for a hospital of this type; the provincial government has indicated its enthusiasm by pledging $9 million, half the cost, an amount far in excess of normal provincial grants in Canada. Construction should start in July 1966, in which case the hospital will be opened in 1969.

The University was already indebted to P. A. Woodward. The Woodward Library, which is to serve the biomedical sciences, cost $953,000; of this amount Mr. Woodward donated $440,000. This Library is the first of the many specialized branches of the University Library that will appear on the campus during the next few years.

Those who are impressed by the pace of expansion illustrated here might well glance at other evidence of progress since July 1962: an addition to the Bookstore; an addition to Brock Memorial Hall; undergraduate laboratories and the graduate wing for the Department of Chemistry; the Ponderosa Cafeteria; the building for electrical engineering; the Frederic Wood Theatre; the ophthalmic research centre; additions for the Department of Physics; the Totem Park residences; the Winter Sports Centre; the Woodward Library; renovations to the Graham residence to accommodate the School for Social Work; acquisition of the Yorkeen property; and an extension of the steam plant.

It has been said many times in the last few years that the numbers of graduate students in Canadian universities must be increased sharply in the immediate future. Not only is there a need for more teachers, professors, and researchers; business, industry, and government are also looking to the universities for men and women with

specialized education and training. With this in mind, the University of British Columbia has embarked upon two programmes that will be unique in Canada.

On the campus a building is planned that will house both the Faculty of Agriculture and the Faculty of Forestry; more than this, the two Deans, Dr. Blythe Eagles and Dr. Joseph A. F. Gardner, are determined to introduce integrated teaching and thus to make at least one third of the new quarters common to both Faculties. This economical plan, which is academically sound for both fields, will allow enrolment to double in the next five years, with a higher proportion of graduate students than is the case now.

Further afield, the University is exploring with Queen's and Laval Universities a programme of co-ordinated teaching and research in mineral engineering. The aim is to accelerate graduate training in mining engineering and mining research, both of which are seriously underdeveloped in Canada today. Dr. Charles L. Emery, Head of the Department of Mineral Engineering, warns that a lack of mining knowledge and highly trained mining engineers has placed Canada's mining industry in a perilous competitive position alongside other countries. Each university participating in this novel academic adventure is undertaking work in several specialized fields. The plan envisages students and members of the Faculty moving freely among the three institutions, although degrees will be granted by the university of original enrolment. The mining industry is supporting the programme by offering relevant summer employment to students as well as a number of graduate fellowships.

Generous understanding of the urgent need for many more graduate students has brought gifts to the University this year that are without parallel in Canadian history. Dr. H. R. MacMillan and the MacMillan Family Fund led the way in February with two grants, totalling almost $7 million, that may well be the most generous ever made to graduate education in this country.

The University hopes that by 1973 some 5,500 graduate and professional students (25 per cent of the enrolment instead of the current 14 per cent) will be registered. This ambition presupposes a first-rate library and a plentiful supply of graduate fellowships, as Dr. MacMillan has been quick to recognize. His personal gift of $3 million to the University Library, which already occupies a position of high priority in the expenditure of general revenues, is even now permitting an extraordinarily rapid increase in the Library's re-

sources. By a single stroke the Library has become one of the ten wealthiest academic libraries in North America in terms of purchasing power, joining such giants as Harvard, Yale, and the University of California. In practical terms, the Library is able to compete effectively in the market for out-of-print books and to afford all new work written in any of the languages of scholarship. By 1975 the Library's collections will have tripled in size to more than 2,000,000 volumes and may well represent the best in Canada. All academic disciplines, be they humanistic or scientific, have their origin and sustenance in the printed word. The library that can meet the daily demands of the academic community, in all their wide variety, is truly the heart of a university. The University Library is becoming that kind of library, and is already a crucial factor in attracting and retaining members of the Faculty whose qualifications are of the very best.

The MacMillan Family Fund turned to the complementary necessity, graduate fellowships that will compete in substance with those that now lure so many bright young Canadians to the United States. The Fund will contribute $3.2 million over a period of twenty years to provide forty-five fellowships of $3,200 each; in addition, each fellowship will bring to the University an unconditional supplement of $500 *per annum*. The fellowships, to be used only at this University, are available to Canadians engaged in doctoral programmes who undertake to remain in this country for a reasonable time after graduation if offered satisfactory positions.

In July 1965, the H. R. MacMillan Family Fund donated an additional eighteen doctoral fellowships of $3,200 a year, plus $500 to the University for each, in honour of the three former presidents of the University: six Frank F. Wesbrook Fellowships in Microbiology; six Leonard S. Klinck Fellowships in Agriculture; and six Norman MacKenzie Fellowships in International Relations or International Law or in a field of History, Political Science or Economics concerned with Canadian affairs.

The greatest challenge that Canada's leading universities can accept today is the building of distinguished programmes in graduate studies. Success will come only to those universities that assemble the many essential components into dynamic programmes in which the best students and the ablest professors realize their highest potential for productive scholarship. A learned and industrious Faculty, adequate facilities and equipment, a first-rate library, a curriculum that

provides time for thought and research, these are all indispensable. But they are of little moment unless the University can attract the best graduate students in substantial numbers. Not only must a larger proportion of the exceptional students be encouraged to enter the universities; they must also be encouraged to continue their studies to advanced degrees. For these reasons a rich and imaginative array of scholarships is vital.

The University of British Columbia has, in a single year, become the beneficiary of 63 annual fellowships made available by Dr. MacMillan; an eloquent testimony to the farsightedness of the donor, they constitute a landmark in the history of this University. It is to be hoped that many others will follow the lead of Dr. MacMillan, for nothing else can be as effective in keeping Canadian graduates in Canada and in meeting the desperate need that Canada has for highly-trained scholars in a wide variety of fields.

The gifts of H. R. MacMillan and P. A. Woodward, added to $150,000 from the Nuffield Foundation, $240,000 from the Wellcome Trust, and several others brought private benefactions to the University to the staggering total of $12 million. This is far more than any Canadian university has received in a like period; it approaches the total of private gifts made to the University during its entire previous history.

Early in the year *Guideposts to Innovation*, the work of a President's Committee, was published, a document that may have far-reaching academic effects. It begins with a statement of the aims of the University: the engendering in students of a permanent spirit of enquiry and creativity, the fostering of powers of evaluative judgement, the exploration of frontiers of knowledge, and the enrichment of society's cultural resources. There follows an examination of various aspects of the academic programme and the development of a series of recommendations. These relate to policies governing admissions, the growth of the University, the quality of instruction, the assessment of achievement, the design of the curriculum, the quality of student-life, the arrangement of the University's year, the strengthening of graduate work, research and continuing education, and the administration of academic affairs.

The report was discussed by Senate and the Board of Governors, by individual faculties, by students, and by alumni. It has evoked widespread and thoughtful consideration of the University's rôle and it has led already to concrete action designed to improve the Uni-

versity's academic programme. The recommendations are under continuous study within the appropriate segments of the academic community.

The University of British Columbia has been struggling for years with the enormous problems that inevitably accompany growth: the demand for buildings, expanding enrolments, rising budgets, an enlarged library, development of computing science, fostering of the graduate programme, and reorganization of professional schools. In spite of unavoidable preoccupation with growth, the University is inexorably dedicated to improvement in quality. The goal of excellence is never forgotten, is never laid aside, even temporarily; all who serve in this noble cause are continuously grappling with the difficult decisions that will perforce transform a good university into a great one.

2

THE FACULTIES

THE FACULTY OF AGRICULTURE

THE MEMBERS OF THE FACULTY have continued to stress the co-ordination of teaching, research, and the efforts in Extension. A special meeting was devoted to *Guideposts to Innovation* and on another occasion younger members, who have recently joined the Faculty, were invited to expound the types of programmes they wished to develop.

The Faculty and the University suffered a severe loss when Dr. A. J. Wood (Professor of Animal Science and Director of the Central Animal Laboratory) resigned in order to become Dean of the Faculty of Arts and Science at the University of Victoria. The work in Animal Science will now be reorganized. The other area that is under intensive study is Agricultural Engineering, whose place must be more precisely defined.

The Faculty, as is customary, collaborated with the Department of University Extension in the organization of various conferences for the benefit of the rural areas of the province.

Planning for the new building that is to be shared by the Faculties of Agriculture and Forestry proceeds continuously.

To commemorate the fiftieth anniversary of the Faculty of Agriculture the annual convention of the Agricultural Institute of Canada met here. During the meetings the Institute announced its establishment of the Leonard S. Klinck Lectureship in Agriculture in recognition of Dr. Klinck's life-long service to agronomy and to higher education.

M. J. Darling joined the Department of Agricultural Economics as Assistant Professor. In the Division of Animal Science Dr. Warren Gifford passed the year as Visiting Professor; Dr. J. C. Berry remained in India in the service of the Food and Agricultural Organ-

ization of the United Nations. Dr. G. H. Harris, Professor Emeritus of Horticulture in the Division of Plant Science, retired from lecturing at the end of this year; in the same Division, Dr. Gursham Singh Grewal, Academic Dean in the Agricultural University at Ludhiana (Punjab), gave a series of lectures to Faculty and students from October to February. The Department of Poultry Sciences was strengthened by the appointment of Dr. J. F. Richards as Assistant Professor. Dr. Leroy H. Wullstein became Assistant Professor of Soil Science and Jan de Vries accepted appointment as Instructor.

THE FACULTY OF APPLIED SCIENCE

The major development within the Faculty during the academic year 1964-1965 was the establishment of the Department of Mineral Engineering in place of the Department of Mining and Geological Engineering. This action recognized the fairly recent appearance of Mineral Engineering as an autonomous field of study. The new department will certainly stimulate graduate work in the field and it is already expected that between ten and fifteen students will enrol in September 1965; enquiries already received suggest a substantial increase in undergraduates. Professor L. G. R. Crouch has guided the Department through its first few months of life; the appointed Head, Dr. C. L. Emery, arrived during the summer of 1965. The Department will, from the beginning, co-operate in graduate study and research with Queen's and Laval; exchanges of staff and students will be encouraged.

The Faculty incurred a serious blow in the spring with the resignation of Dean David M. Myers, who will move to an exciting new post in his native Australia.

Members of the Faculty and students continued to receive satisfying recognition of their quality. Professor Frank Forward, now on leave in Ottawa, was elected President of the Canadian Institute of Mining and Metallurgy; in February he received the Douglas Medal of the American Institute of Mining Engineering; in May the University of British Columbia conferred an honorary degree upon him. Dr. J. S. Forsyth, Head of the Department of Chemical Engineering, was awarded a Senior Research Fellowship by the National Research Council; he will be on leave in 1965-1966.

Two students, Kenneth G. McQuhae (Metallurgy) and J. R. Young (Mechanical Engineering), won Athlone Fellowships. At the

annual Northwest Regional Conference of the Student Chapters of the American Institute of Chemical Engineers two students from British Columbia, Brian D. Thorpe and Robin W. Allen, carried off first and third prizes respectively for delivered papers.

The programme in Community and Regional Planning, hitherto part of the School of Architecture, is to find a new home in the Faculty of Graduate Studies.

The School of Nursing, with a staff whose devotion to undergraduate teaching is remarkable, has found time to plan a graduate programme and a one-year course leading to a diploma in Psychiatric Nursing; the latter has been approved by Senate. The School is also aware that the time is approaching when its status within the University must be reassessed.

In the Department of Civil Engineering Dr. M. C. Quick (Assistant Professor) resigned and Associate Professor N. D. Nathan has been granted a year's leave of absence. Five new appointments will strengthen the Department of Electrical Engineering: Dr. M. M. Z. Kharadly as Associate Professor; Dr. Donald Paul Akitt, Dr. Robert Wellington Donaldson, Dr. John Spencer MacDonald, and Dr. H. Paul Zeiger as Assistant Professors. Dr. M. P. Beddoes (Associate Professor) and Dr. A. C. Soudak (Assistant Professor) are looking forward to leaves of absence; Dr. A. D. Moore and F. K. Bowers (Professors) will return after similar leaves. Dr. Zeev Rotem spent the year in the Department of Mechanical Engineering on leave from the Israel Institute of Technology. Dr. I. J. Wygnanski, I. Igbal, and C. R. Hazell joined the staff as Assistant Professors. The Department of Metallurgy enjoyed the presence of Dr. R. Shuttleworth, of the University of Leeds.

The School of Nursing lost three members through resignation: Instructors Tomiko Sugimoto, Elizabeth Walton, and Jo-Ann Wood. Elizabeth Cawston obtained leave of absence to continue her studies. The following were appointed to the staff of the School: Assistant Professor Alice Baumgart, Instructors Margaret Lendrum, June Nakamoto, Nettie Nevdorf, Helen Niskala, Helen Shore.

THE FACULTY OF ARTS

This has been a difficult year for the Faculty of Arts. Dean K. D. Naegele, after ten months in office, died February 6, 1965. D. M. Healy, Head of the Department of Romance Studies, was immedi-

ately appointed Acting Dean and undertook, at short notice, the formidable task of administering the Faculty's complex affairs. By the end of the year order had been restored and a presidential committee was engaged in the search for a Dean.

During the year Theatre and Creative Writing became departments; John Brockington accepted the Headship of the former and Robert Harlow is serving as Acting Head of the latter. Dr. Ivan Avakumovic has been leading the Department of Political Science until the arrival of the newly-appointed Head, Dr. R. S. Milne. Dr. Margaret A. Ormsby was appointed to the Headship of the Department of History. Dr. Douglas T. Kenny will return from his leave of absence to the Headship of the Department of Psychology. The retirement of Charlotte Black left the Directorship of the School of Home Economics vacant and its arduous duties will be carried out temporarily by Winifred Bracher. Towards the end of the year the President announced the first of a series of University Professorships: Dr. Roy Daniells becomes University Professor of English Language and Literature, without departmental affiliation. At the same time Dr. Stanley E. Read was persuaded to postpone his retirement in order to provide an experienced Acting Head for the Department of English; a committee is now at work seeking a successor to Dr. Daniells.

The Departments of Economics, Anthropology and Sociology, Political Science, and Psychology are awaiting the completion of the Henry Angus Building, which they expect to occupy at the end of the summer of 1965. Throughout this year continuous study has been applied to details of the move and the furnishings of the new building. Those departments that are to remain in the Buchanan Building, that is, the Departments of the Humanities, will suffer similar reallocation of space and similar disturbance. It would be a mistake to think that the Faculty will now enjoy a sufficient number of offices and classrooms. The House Committee in the Buchanan Building, for example, must find homes of some sort for over one hundred members of the teaching staff who cannot be housed in the building's offices. Many are Teaching Assistants, to be sure; but Teaching Assistants in the Humanities are in autonomous charge of sections and it is vital that they have reasonable privacy in which to meet their students. The conclusion is inescapable: the Faculty must have more facilities for teaching and study, and it must have them soon. Reorganization in the Buchanan Building will bring

some relief, it is true, to those engaged in the teaching of foreign languages, for the laboratories that have for some years formed an integral instructional tool are being expanded. The relief, however, is more apparent than real, for facilities have long been overtaxed. Despite the inadequacy of rooms and offices, the House Committee of the Buchanan Building has insisted on setting aside three former classrooms as Graduate Reading Rooms for the Departments of English, Classics, German, and Romance Studies. This move should make conditions more attractive to graduate students.

The Departments of the Faculty examine their programmes continuously and, as a result, each year brings new courses and reorganization. Thus, for example, work in Serbo-Croatian and Ukrainian will soon be available in the Department of Slavonic Studies; the Department of Fine Arts is studying the place of Museums of Art on the campus and the advisability of establishing a programme in Museology; the Department of Classics has introduced a course in Hellenistic Greek and the New Testament. The committee studying the requirements for the B.A. degree produced its report, *Discipline and Discovery*, in the spring. The document is, to say the least, controversial; some are attracted, others regard its doctrines as antithetical to liberal education. But, as is the way in a vital Faculty of Arts, all agree that it must be subjected to careful analysis.

A listing of the honours and awards won by members of this Faculty would be long indeed; a few may be selected as illustrative. Dr. Margaret A. Ormsby received an honorary degree from the University of Manitoba, Dr. Roy Daniells was honoured in the same way by the University of Toronto. Congregation in May had a special appeal, for the University of British Columbia conferred degrees *(honoris causa)* upon H. T. Logan (Professor Emeritus of Classics) and Dorothy Somerset (Acting Head of Theatre), whose long and distinguished services to the University are well known throughout the province and across the country.

Once again members of the Faculty of Arts carried off a substantial number of the Senior Fellowships awarded by the Canada Council for a year's study-leave and research: Dr. Roy Daniells (University Professor of English Language and Literature), Dr. C. W. J. Eliot (Associate Professor of Classics), Dr. William E. Fredeman (Associate Professor of English), Dr. Leonidas E. Hill (Assistant Professor of History), Albert M. Moore (Associate Pro-

fessor of Economics), Dr. J. Lewis Robinson (Professor of Geography and Head of the Department), Ian S. McNairn (Associate Professor of Fine Arts), Dr. Gérard Tougas (Professor of Romance Studies). John Simon Guggenheim Memorial Fellowships were won by Dr. Cyril Belshaw (Professor of Anthropology) and Dr. William E. Fredeman.

In June Dr. Margaret A. Ormsby was elected president of the Canadian Historical Association and Dr. John D. Chapman (Professor of Geography) was chosen by his colleagues to head the Canadian Association of Geographers. In the same month Dean Emeritus F. H. Soward became President of Section II of the Royal Society of Canada.

In May University Medals were presented to Timothy C. Padmore (First Class Honours in Mathematics and Physics) and Timothy LeGoff (First Class Honours in History), leaders of the Faculty's graduating class.

There are, regrettably, those who believe that in the Humanities there is little that is new and exciting to attract research by lively minds. The perceptive know how ignorant and superficial such comment is. The activity of the Humanists, as well as of the Social Scientists, in new fields and old, is reflected not only in the mere listing of publications that may be read in this Report, but also in the extent to which scholars in these fields are urged to join investigating Commissions and invited to deliver papers at conferences throughout the continent and overseas. The record is impressive, particularly when one considers how much easier it must be for an eastern government or organization to consult the necessary wise men nearby rather than from distant Vancouver. Again, this University may justly take pride in the number of members of this Faculty who hold responsible offices in the learned associations of Canada and other countries. The fact is that the Humanities and the Social Sciences experience continuous growth, partly as a result of persistent research and partly as a result of the steady flow of new discoveries (as, for instance, in archæology) that expand knowledge of literature and history in their broadest sense.

Education, we are constantly told, is changing in scope and content. This is certainly and properly true of the sciences, pure and also applied. There are some values, however, there are some treasures of human knowledge, that do not and should not change. It is the responsibility of the Faculty of Arts to preserve these values, this

knowledge, for Humanists and Social Scientists must look backward in time to man's accomplishments and dreams. But, in the light of their experience, Humanists and Social Scientists look also to the future, alongside their friends in the fields of pure and applied science, for this too is their responsibility, to maintain, today and tomorrow, a rational sense of values and the perspective in judgement that will bring society nearer to the good life.

Once again, the Faculty increased in size, when the following joined the staff:

Dr. Robert Adler (Instructor in Economics).
Dr. M. Mc. Ames (Assistant Professor of Anthropology and Sociology).
Dr. Elinor Ames (Assistant Professor of Psychology).
Mary Louise Bailey (Lecturer in Philosophy).
Terrence Bailey (Instructor in Music).
Ellen Bateman (Instructor in Social Work).
Iain J. W. Baxter (Assistant Professor of Fine Arts).
Padraig John Blenkinsop (Instructor in Romance Studies).
Merna Borror (Instructor in Home Economics).
A. Busza (Instructor in English).
Marcia Cameron (Lecturer in Home Economics, second term)
Y. Chang (Instructor in Anthropology and Sociology).
Li Chi (Associate Professor of Asian Studies).
Dr. John Crane (Associate Professor of Social Work).
Dr. R. K. N. Crook (Assistant Professor of Anthropology and Sociology).
Enzina Del Mercato (Instructor in Romance Studies).
David J. Donaldson (Instructor in Economics).
Paul Douglas (Instructor in Music).
Dr. Moira Feeney (Assistant Professor of Home Economics).
Dr. Donald G. Finlay (Associate Professor of Social Work).
Dr. Heather Franklyn (Instructor in Romance Studies).
Eberhard Frey (Instructor in German).
R. Golledge (Assistant Professor of Geography).
Glen Hamilton (Assistant Professor of Social Work).
Robert Harlow (Associate Professor of Creative Writing).
Emma Harris (Honorary Lecturer in Home Economics).
Charles W. Humphries (Assistant Professor of History).
Howard Jackson (Lecturer in Philosophy).
Dr. Richard C. Jenner (Assistant Professor of Economics).
Hanna E. Kassis (Assistant Professor of Religious Studies).
Dr. Robert Knox (Assistant Professor of Psychology).
Robert J. Lévesque (Instructor in Economics).
S. Levitan (Instructor in English).
Dr. Arthur E. Link (Professor of Religious Studies).

Eleanore Lund (Assistant Professor of Home Economics).
John MacDonald (Instructor in Social Work).
Horst Martin (Instructor in German).
B. Mayne (Instructor in English).
Dr. Grady McWhiney (Associate Professor of History).
J. Edward W. Mornin (Instructor in German).
Dr. John H. A. Munro (Assistant Professor of Economics).
W. New (Assistant Professor of English).
G. Parry (Assistant Professor of English).
Tomislav Posa (Instructor in Slavonic Studies).
D. Powell (Instructor in English).
Clifford Robinson (Lecturer in Theatre).
Joyce Rogers (Instructor in Social Work).
H. Rosengarten (Instructor in English).
James Shell (Instructor in Music).
A. Shucard (Instructor in English).
Dr. Raouf Simaika (Assistant Professor of Romance Studies).
Jan J. Solecki (Instructor in Slavonic Studies).
Harvey Stalwick (Instructor in Social Work).
Dr. P. Stanwood (Assistant Professor of English).
Klaus Strassmann (Lecturer in Theatre).
Dr. Henry Thomassen (Assistant Professor of Economics).
French Tickner (Assistant Professor of Music).
Kazuko Tsurumi (Assistant Professor of Asian Studies).
Dr. John Vanderkamp (Assistant Professor of Economics).
Dr. W. E. Willmott (Assistant Professor of Anthropology and Sociology).
Dr. Roderick Wong (Assistant Professor of Psychology).
William Bliss Wood (Assistant Professor of Librarianship).

During the year a number of resignations were accepted:

Dr. Elinor Ames (Assistant Professor of Psychology).
M. Atwood (Instructor in English).
A. R. Bowers (Assistant Professor of English).
A. S. Brennan (Instructor in English).
Dr. W. K. Caird (Assistant Professor of Psychology).
Dr. T. P. Churchill (Assistant Professor of English).
Dr. R. K. N. Crook (Assistant Professor of Anthropology and Sociology).
G. Elliott (Instructor in English).
Dr. H. Fain (Associate Professor of Philosophy).
N. V. Henfrey (Instructor in English).
Carol Kniebusch (Instructor in Music).
Robert J. Lévesque (Instructor in Economics).
Dr. Ernst Loeb (Associate Professor of German).
Dr. George Proctor (Assistant Professor of Music).
Ann C. Rosenberg (Lecturer in Fine Arts).

Cor Schwencke (Instructor in Slavonic Studies).
Brian Woodward (Instructor in Slavonic Studies)

Several members of the Faculty took advantage of leaves of absence to pursue their studies:

Dr. Michael S. Batts (Associate Professor of German).
Dr. Edward A. Bird (Assistant Professor of Romance Studies).
Dr. John F. Bosher (Associate Professor of History).
Dr. Robert M. Clark (Professor of Economics).
Dr. Samuel C. Coval (Assistant Professor of Philosophy).
Dr. R. C. Cragg (Professor of Fine Arts).
Dr. Douglas C. Fraser (Assistant Professor of Psychology).
Aristides Gazetas (Assistant Professor of Theatre).
Dr. E. B. Gose (Associate Professor of English).
Dr. Peter Harnetty (Assistant Professor of History and Asian Studies).
Dr. David J. M. Hooson (Associate Professor of Geography).
Dr. Shuichi Kato (Associate Professor of Asian Studies).
Dr. D. T. Kenny (Professor of Psychology).
Dr. G. F. McGuigan (Assistant Professor of Economics).
Dr. Craig W. Miller (Associate Professor of English).
Gerald W. Pepper (Assistant Professor of Social Work).
Geraldine Roese (Instructor in Home Economics, second term)
Dr. I. S. Ross (Assistant Professor of English).
Dr. Robert J. Rowan (Associate Professor of Philosophy).
Dr. A. D. Scott (Professor of Economics).
Dr. Donald E. Soule (Associate Professor of Theatre).
Dr. W. Tallman (Associate Professor of English).

Both Faculty and students enjoyed the presence of Visiting Professors:

C. P. Fitzgerald (Asian Studies, first term).
Dr. D. G. E. Hall (Asian Studies).
Dr. Yorst Hamnitzsch (Asian Studies, first term).
John D. Legge (History, first term).
Dr. Norman Pollock (Geography).
Giose Rimanelli (Romance Studies).
R. I. Sikora (Philosophy).

At the end of June 1965, Dorothy Somerset (Acting Head, Department of Theatre), Charlotte Black (Director, School of Home Economics), and Dr. Joseph A. Crumb (Professor of Economics) brought to a formal close their many years of devoted service to the University.

In February Terry Forrest (Lecturer in Philosophy) died suddenly.

THE FACULTY OF COMMERCE AND BUSINESS ADMINISTRATION

For the last five years this Faculty, under the ægis of the Columbo plan, has been collaborating with the University of Singapore and the University of Malaya and Kuala Lumpur in the development of Schools of Business Administration. Teams of professors have served in the Malaysian institutions under the direction of Professor L. G. J. Wong and ten students from Malaysia have attained the degree Master of Business Administration here and returned to their native land. The project comes to an end this year and Professor Wong and his associates will resume their regular duties in September 1965.

Members of the Faculty continued the planning of a doctoral programme, which has now been approved in principle by Senate. At the same time the curriculum for the Master's degree has been strengthened and the problems created by a sharp rise in undergraduate enrolment have been faced and solved.

The Division of Marketing, in which Assistant Professor J. Narver joined the staff, welcomed the arrival of Visiting Lecturer K.B.Haas. Assistant Professor J. Bray was added to the Division of Finance. D. B. Fields, Associate Professor of Accounting, returned from his duties with the Royal Commission on Taxation. R. Heywood, Associate Professor of Teacher Education (Commerce), and D. L. MacDonald, Assistant Professor of Accounting, took advantage of study-leave. H. Babiak, Assistant Professor of Accounting, submitted his resignation. Dean Emeritus E. D. MacPhee retired as Principal of the Banff School of Advanced Management, although he continues to teach.

Members of the Faculty have been gratifyingly active in professional associations, especially during the meeting of the Association of Canadian Schools of Business on this campus in June. Once again the community has drawn upon the special knowledge and wisdom of the Faculty. P. H. White, Professor of Estate Managment, at the request of the Government of Newfoundland, spent two months in the summer of 1964 as chairman of a Commission of Enquiry that investigated all aspects of the cost of housing in St. John's. W. Hughes, Associate Professor of Transportation and Utilities, carried

out a mission for the United Nations in Malaysia during May and June 1965. Dean G. Neil Perry responded to both the federal and the provincial governments by serving as a Commission of Industrial Enquiry in connexion with strikes.

THE FACULTY OF DENTISTRY

The Faculty of Dentistry began the year in memorable fashion in September by enrolling its first class of students. Only eight were accepted from the sixty-five who applied, a reflexion in part of the high standards that will be maintained. The Dean has continued to address dental societies and schools on the subject of dental education and the need for superior students.

The staff of the Faculty remains small, for recruitment of highly qualified men is not easy. Dr. D. J. Yeo arrived as Associate Professor and Head of the Department of Public Community Dental Health; Dr. H. K. Brown was added to the same department as Lecturer. Dr. John D. Spouge, Associate Professor of Oral Biology, was elected to a Fellowship in the American Academy of Oral Pathology.

The year ended well, for in June the Board of Governors approved the contract for the first buildings that are to be used exclusively by this Faculty. Regrettably, the high cost of construction has made it necessary to leave parts of the buildings unfinished in the immediate plans. It is hoped that this restriction is temporary, for curtailment of space inevitably causes curtailment of the academic programme, which, in turn, affects the dental services available in the province.

The acquisition of funds for research is indispensable to a Faculty of Dentistry that is to be of first quality. So far the sources of funds have been few and the amounts insufficient. It may well be that the University will be forced to supply the equipment that the dental researcher must have. Facilities for research attract good men; and worthwhile research has its effect upon teaching and students.

THE FACULTY OF EDUCATION

The major event of the year was the move by the Faculty from the huts to the comparatively luxurious quarters in the new building. By September 1965, the Faculty of Education will be able for the first time to operate as a homogeneous unit.

The chief concern of this Faculty is the preparation of competent teachers for the schools of British Columbia. To this end, the curriculum is ever under examination and subject to adaptation, collaboration with other Faculties and with School Boards is continuous, and research into new methods and ideas is relentless. Education in this Faculty is never a static thing. The breadth of interest and the reputation of the members of the Faculty may well be measured by the extent to which they are invited to hold office in national and international organizations.

Assistant Professor Stella Shopland died in April. On January 1, the University as a whole was stricken by the death of Johnny Owen, a man beloved for some thirty years by all those interested in sport on the campus.

During the year the following appointments were made:

F. Bertram (Assistant Professor).
Dr. C. Brauner (Associate Professor).
Jean Brock (Lecturer in Physical Education).
Dr. A. Clingman (Associate Professor).
Dr. J. Coombs (Assistant Professor).
Dr. L. Downey (Professor).
M. Elliott (Assistant Professor).
F. Fiedler (Assistant Professor).
C. Gillespie (Assistant Professor).
M. Golledge (Assistant Professor).
H. Harder (Instructor).
Ross Heatherington (Assistant Professor of Physical Education).
V. Keenan (Assistant Professor).
Dr. L. Marsh (Professor).
P. Olley (Lecturer).
C. Overall (Lecturer).
Bonnie Phillips (Instructor in Physical Education).
M. Robbins (Assistant Professor).
Harvey Scott (Physical Education).
N. Stacey (Assistant Professor).
Dr. J. Stephens (Professor).
G. Stubbs (Assistant Professor).
M. Tomkins (Assistant Professor).
N. Turner (Lecturer).
D. Webster (Assistant Professor).
Dr. R. Whaley (Assistant Professor).
J. Wolforth (Instructor).

A number of resignations were submitted:

Leroi Daniels (Lecturer).

L. Davies (Assistant Professor).
Dr. Evan Davis (Associate Professor).
Dr. J. Ellis (Associate Professor).
H. Goodwin (Instructor).
Dr. Robert Hammond (Assistant Professor).
E. Loomer (Instructor).
Dr. W. Murra (Associate Professor).
Esther Segal (Instructor).

Leaves of absence gave opportunity for leisurely study to Dr. C. J. Anastasiou (Assistant Professor), Edna Baxter (Associate Professor), R. Heywood (Associate Professor), Dr. D. C. Kendall (Associate Professor, until December 31, 1964), and Dr. H. L. Stein (Professor and Director of the Graduate Division).

THE FACULTY OF FORESTRY

Dr. Joseph A. F. Gardner, formerly Director of the Federal Government's Forestry Products Research Laboratory, became Dean of the Faculty February 1. Because of a previous commitment to the Commonwealth Scientific and Industrial Research Organization of Australia, he spent March, April, and May in that country as Research Fellow; consequently, the leadership of the Faculty, for the greater part of the year, fell once again to Dr. R. W. Wellwood.

The promise of a new building, which is to be shared with the Faculty of Agriculture, has aroused continuing enthusiasm in this Faculty and many hours have been devoted to planning for a future that will allow Forestry to enjoy appropriate facilities.

Professors J. E. Bier (formerly of the Department of Biology and Botany) and K. Graham (formerly of the Department of Zoology) have been transferred to the Faculty of Forestry. Assistant Professor J. P. Tessier resigned. Dr. Joran Fries of the Royal School of Forestry, Sweden, joined the Faculty for four months.

The H. R. MacMillan Lecture in Forestry was given by J. C. Westoby, of the Forestry and Forest Products Division of the Food and Agriculture Organization of the United Nations; his subject was "World Forest Development, Markets, Men and Methods."

Professor J. E. Bier was elected President of the Canadian Phytopathological Society. Fred Bunnell, who led the graduating class, won the Gold Medal presented by the Canadian Institute of Forestry; he then journeyed to the Swiss Federal Institute of Technology at

Zürich with a Federal Exchange Scholarship to pursue graduate study.

THE FACULTY OF GRADUATE STUDIES

The announced policy of the University to stimulate graduate study and to produce more scholars and teachers competent to enter academic life is already having a marked effect on the Faculty of Graduate Studies.

Graduate students, it goes without saying, must be subsidized. Consequently, the magnificent gift by H. R. MacMillan of some three million dollars for graduate scholarships to doctoral students has been recognized as the most spectacular incitement ever received by this Faculty. That a comparable gift was bestowed on the University Library simultaneously by the same donor shows a nice appreciation of the needs of students and members of the Faculty who are preoccupied by research.

Dean Ian McTaggart Cowan began his tenure of office by inaugurating a searching examination of the structure and activity of the Faculty. The future will undoubtedly see an exhaustive report with sweeping recommendations.

In the meantime, advances are already being made. The Department of Music and the School of Librarianship have been authorized to offer programmes leading to the Master's degree; the Departments of Mechanical Engineering and Soil Science have had doctoral programmes approved. Numbers of students are increasing, especially in the Humanities and Social Sciences. It is not a coincidence that applications for grants from the University's research-funds have increased in the past year from 138 to 203 in the Sciences and from 65 to 110 in the Humanities and Social Sciences. The funds have been enlarged but remain insufficient.

Considerable effort has been expended to provide Reading Rooms (with fundamental books of reference) for graduate students in the Humanities and Social Sciences; this has not been easy, for classrooms and offices, despite new building, remain at a premium. For the young scientist, his laboratory provides a home; the University Library does not fulfill the same function for the young Humanist and Social Scientist. Thus these Reading Rooms are indispensable and must be multiplied.

The Institutes of Fisheries, Industrial Relations, and Oceanography fall within the Faculty of Graduate Studies. In future years

they will be joined by Community and Regional Planning, which has just been transferred from the Faculty of Applied Science.

The Institute of Fisheries has built an enviable record throughout the world. The Institute has been facing a formidable barrier to further progress: physical space is inadequate and staff are too few. In 1964-1965 five members of the Faculty directed twenty-eight graduate students (ten of them doctoral) in what may justly be called a corner of the Biological Sciences Building. The Institute has been forced to deny admission to qualified students who are attracted by its merited reputation. In the summer of 1965, however, prospects were transformed when H. R. MacMillan made a gift of $750,000 to the University for the purpose of stimulating graduate work and research in Fisheries. This benefaction will make it possible to bring together the highly-skilled staff who are required and to expand the programme of studies into new and vital areas. The problem of space will be alleviated by the new building for Biological Sciences that is scheduled for completion in 1968. Dr. James T. McFadden joined the Faculty as Assistant Professor at the beginning of the year; the Institute is seeking other recruits.

The Institute of Industrial Relations has been supporting eight graduate students, of whom six are proceeding to degrees in Economics. Dr. Martin Meissner (Anthropology and Sociology), Dr. V. V. Murray (Commerce and Business Administration), and E. S. W. Belyea (Psychology) undertook projects in industrial relations. The Institute's nomadic life (this year in the Buchanan Building) should come to an end with the projected move to the Henry Angus Building, which, it is hoped, will offer a permanent home.

F. J. R. Taylor joined the Institute of Oceanography as Instructor (in Oceanography and Botany). Dr. G. L. Pickard (Professor and Director) and Dr. R. F. Scagel (Professor) were elected to Fellowships in the Royal Society of Canada; the latter was also named Fellow of the Linnean Society of London, and awarded the Corbaker Prize in Phycology (1964) by the Botanical Society of America. Members of the staff continue to answer calls for advice and assistance in Canada and elsewhere. Again, a shortage of space threatens to hinder progress.

THE FACULTY OF LAW

For the second consecutive year the Faculty of Law experienced a sharply increased enrolment. The trend is healthy, for there is today a severe shortage of practising lawyers and in addition many posts requiring legal training are open in government and business.

After spending two years devising a new curriculum, the Faculty instituted the programme in September. Both students and professors have expressed enthusiasm and desirable changes have so far been minor. More attention is now being paid to writing and individual supervision.

Two visitors, R. E. Megarry, Q.C., of London, England, and Louis B. Sohn of the Harvard Law School, spent several days on the campus, to the very great profit of the Faculty and its students.

Assistant Professor A. J. McClean resigned in order to join the Faculty of Law of Southampton University; Maurice Carr (Lecturer)accepted a post in the Faculty of Law of Aberystwyth University. In compensation and in the face of the larger number of students the Faculty added to its ranks Associate Professor J. M. MacIntyre and Assistant Professors R. W. V. Dickerson, J. Noel Lyon, R. C. Dunlop, and K. C. MacKenzie.

THE FACULTY OF MEDICINE

Work has now begun on the Health Services Centre and members of the Faculty are engaged in planning its administration. One building, the Woodward Biomedical Library, was opened November 12, 1964, in a fitting ceremony that expressed the thanks of the University to Mr. and Mrs. P. A. Woodward.

Teaching and research continued to command the Faculty's chief attention. The Curriculum Committee is studying new methods of teaching. Numerous members of the staff delivered technical papers before professional audiences in Canada and the United States.

Dr. Frank A. Turnbull, Clinical Associate Professor of Surgery, in the year of his retirement, served as President of the Canadian Medical Association. Dr. K. S. Morton, Clinical Assistant Professor of Surgery, was the recipient of an Exchange Fellowship to Britain, under the auspices of the British Orthopaedic Association. Dr. David Osoba, Clinical Instructor in Medicine, was selected as Medallist by the Royal College of Physicians and Surgeons for his work on the thymus humoral factor.

Resignations were submitted by Dr. H. F. Scherrer (Associate Professor of Anatomy), Dr. W. M. King (Clinical Instructor in Preventive Medicine), Dr. D. J. Watterson (Assistant Professor of Psychiatry), Dr. T. P. Millar (Assistant Clinical Professor of Psychiatry), Dr. T. Feir and Dr. W. Goresky (Clinical Instructors in Psychiatry), Dr. P. J. Doyle (Clinical Instructor in Surgery), Dr. E. W. Henry (Clinical Instructor in Medicine). Dr. B. Shallard (Clinical Instructor in Medicine) retired; Dr. T. K. MacLean (Clinical Instructor in Medicine) died. Dr. G. R. Gray, Clinical Instructor in Medicine, was elected Fellow of the Royal College of Physicians of Canada. Dr. D. M. M. Kavanagh-Gray, Clinical Instructor in Medicine, and Dr. D. M. Whitelaw, Professor of Medicine, became Fellows of the American College of Physicians. Dr. K. K. Pump, Clinical Instructor in Medicine, won a Fellowship in the Association of Canadian Chest Physicians. Dr. A. J. Elliot, Professor of Ophthalmology, accepted the presidency of the Canadian Ophthalmological Society; his colleague, Dr. A. Q. McCormick, was awarded a Fellowship for studies in experimental ophthalmology at the Institute of Ophthalmology in London, England.

The following appointments were made: in Biochemistry, Dr. Michael Smith (Part-time Associate Professor); in Medicine, Dr. S. Grzybowski (Associate Professor), Dr. H. C. Slade (Assistant Professor), Dr. W. C. MacDonald (Instructor), Dr. H. W. L. Buck, Dr. F. A. Olakce, and Dr. P. J. A. Bratty (Clinical Instructors); in Paediatrics, Dr. R. H. Hill (Instructor), Dr. A. B. Murray, Dr. M. Berger, and J. Edwards (Clinical Instructors); in Pharmacology, Dr. Abram J. D. Friesen and Dr. Harvey D. Sanders (Research Associates and Instructors); in Preventive Medicine, Dr. Lewis S. Anerson, Dr. E. J. Bowmer, Dr. C. A. Brumwell, Dr. H. K. Kennedy, Dr. G. D. M. Kettyls, Dr. A. W. Wallace (Clinical Instructors); in Psychiatry, Dr. C. J. Schwarz (Clinical Instructor); in Surgery, Dr. D. A. MacDonald and Dr. J. G. Sladen (Clinical Instructors).

THE FACULTY OF PHARMACY

The Faculty views with satisfaction the steady increase in the numbers of those enrolling for graduate work. The availability of the Woodward Library is having its effect and the prospective Health Sciences Centre, in which this Faculty will be directly concerned, will also stimulate research.

The Faculty is in close touch with pharmaceutical problems that affect the community, as is demonstrated by plans to offer, in collaboration with the Faculty of Agriculture, a course dealing with the physiology, toxicology, and chemical properties of pesticides.

On a Saturday in February the Faculty entertained some twenty-five members, staff and graduate students, of the College of Pharmacy of the University of Washington. The conference was acclaimed as valuable by guests and hosts alike.

The relationship with the British Columbia Pharmaceutical Association remains intimate. This year Professor Finlay A. Morrison has collaborated with Gordon B. Hewitt of the Association in preparing a report on Continuing Education in Pharmacy. The Faculty also offers a variety of refresher-courses for the benefit of practising pharmacists.

Members of the Faculty are in constant demand to serve on national boards and councils.

THE FACULTY OF SCIENCE

The Departments of Biology and Botany, Bacteriology and Immunology, and Zoology have devoted intensive study to an effort to integrate their work in the interests of a more systematic approach for students. A Life Sciences Council has been established and will soon make significant recommendations.

The introduction into the curriculum of a course in Astronomy, the oldest of the sciences, removes a flaw from the curriculum and suggests that a substantial programme may be developed.

The Faculty has been watching with interest the adjustments taking place in the schools and the Curriculum Committee will be ready for the first graduates of the new secondary programme.

Dr. C. E. Dolman, Head of the Department of Bacteriology and Immunology, was elected President of the Canadian Association of Medical Bacteriologists in December for a two-year term; in June he became President of Section III of the Royal Society of Canada. Toward the end of the year Dr. Dolman submitted his resignation as Head, a post whose rigorous duties he has fulfilled since 1936; he will retain his Professorship.

In the Department of Biology aand Botany Dr. T. M. C. Taylor has been on leave; Dr. J. Stein spent five months as visiting Professor at the University of California, Berkeley, and was elected

President of the Phycological Society of America. Dr. G. H. N. Towers, Professor and Head, was sought as President of the Canadian Society of Plant Physiologists; Dr. J. E. Bier, who will be transferred to the Faculty of Forestry, became President of the Canadian Phytopathological Society; Dr. R. Beamish succeeded to the presidency of the Vancouver Natural History Society. Dr. R. F. Scagel was elected to a Fellowship in the Royal Society of Canada (Section III). Three appointments were made to the staff: Dr. E. B. Tregunna and Dr. G. C. Hughes (Assistant Professors), F. J. R. Taylor (Instructor).

The following joined the Department of Chemistry: Visiting Professors S. C. Charles, R. Lefebvre, and N. L. Paddock; Assistant Professors N. Basco, C. E. Brion, B. R. James, and T. Money; Instructor J. T. Kwon; Lecturer D. F. R. Gilson. A number of resignations were submitted: Dr. A. I. Scott (Professor); Dr. J. T. Kwon and Mrs. S. A. Melzak (Instructors), Dr. D. F. R. Gilson and Mrs. M. K. Jaatteenmake (Lecturers). Dr. C. A. McDowell (Professor and Head) visited Kyoto University, Japan; Dr. L. D. Haywood (Associate Professor) spent his leave in Sweden, Dr. L. W. Reeves (Associate Professor) worked for two months in the National Physical Laboratory of the University of Oxford, and Dr. H. C. Clark (Professor) resided for a similar period at the Universities of Punjab and Rajasthan, India. Dr. J. Trotter (Professor) was honoured by an Arthur P. Sloan Foundation Fellowship.

Dr. Robert Thompson, Acting-Head of the Department of Geology, was elected a Fellow of the Royal Society of Canada (Section III). Dr. J. W. Murray accepted appointment as Assistant Professor.

The Department of Geophysics is benefitting from the presence of Dr. K. Sato, Visiting Professor from the University of Tokyo.

Dr. W. H. Simons, Associate Professor of Mathematics, was away on leave of absence. The Department grew with the appointments of Dr. D. Drake, Dr. E. Gerlach, Dr. W. McWhorter, Dr. L. Patterson, Dr. K. M. Rao, Dr. E. Rogak, and Dr. S. Simons as Assistant Professors; and S. Promislow as Lecturer. Resignations were received from Dr. S. Simons, Dr. R. Cleveland, and Dr. S. Cleveland (Assistant Professors); and M. Buchanan (Instructor).

Several changes occurred in the Department of Physics. Appointments included Dr. E. W. Vogt as Professor; Dr. R. C. Williams as Associate Professor; Dr. B. G. Turrell and P. J. Sykes as Assistant

Professors; Dr. J. H. Williamson as Instructor; and S. D. Noble as Lecturer. A number resigned: Dr. J. B. Brown (Professor); Dr. D. H. Goode, A. F. Rice, and R. H. Parker (Instructors); and S. D. Noble. Dr. H. Schmidt completed his term as Visiting Lecturer, as did Dr. R. R. Haering as Visiting Professor. Dr. M. Bloom and Dr. W. Opechowski (Professors) took advantage of leaves of absence to continue their research. The Rhodes Scholarship was won by A. R. L. Spray, who graduated with First Class Honours in Physics; Christopher Jo Brealey, with First Class Honours in Physics and Mathematics, carried off the Governor General's Medal.

Dr. W. S. Hoar became Head of the Department of Zoology. He received an Honorary Degree (D.Sc.) from the University of New Brunswick in May and was awarded the Flavelle Medal by the Royal Society of Canada in June. Losses were incurred through the resignations of Dr. W. S. Holmes (Associate Professor) and Dr. J. F. Eisenberg (Assistant Professor). Dr. G. C. E. Scudder (Associate Professor), on leave of absence, studied in England and Europe; he was replaced by R. A. Ring (Acting Assistant Professor). Dr. A. B. Acton arrived as Associate Professor and Dr. J. E. Phillips as Assistant Professor. Dr. W. Murdock worked in the Department as Acting Assistant Professor in the second term; Professor Ivan Goodbody, of the University of the West Indies, found headquarters here for two months.

3

OTHER DEPARTMENTS OF THE UNIVERSITY

THE DEPARTMENT OF UNIVERSITY EXTENSION

IN MANY WAYS this Department is nearer to the community as a whole than is any other area of the University. Under its auspices fall courses for credit towards degrees, courses contributing to the general education of the public, special seminars and conferences on subjects of topical interest, short-term programmes offering retraining in practical fields, lectures given throughout the province on a wide variety of subjects.

The establishment of the University of Victoria and Simon Fraser University has aroused the hope in this Department that a co-ordinated programme of continuing education may be devised by the three public institutions that will appeal to the adult students of the province. This might well include the opportunity of earning a degree by way of evening courses.

In the meantime the advice of the Department is constantly invited by associations seeking a continuation of professional education. Even now negotiations are under way with the Faculty of Pharmacy and the British Columbia Association of Pharmacists in the effort to produce a comprehensive programme for graduate pharmacists.

The work of the Department is still impeded by the absence of an appropriate physical centre. It may be that desirable quarters will emerge from the building programme and the consequent moves that will occur. If so, the Department will operate more effectively and more economically.

In 1964 a contract was signed by the University and the Government of Canada according to which the University of British Co-

lumbia will assist the University of Rajasthan, India, in the development of a Department of Adult Education. Dr. John K. Friesen was named Director of the three-year project and has been on leave of absence in India since November 1. In his absence Gordon Selman has been serving as Acting-Director of this Department.

Resignations were received from Frederick Walden (Supervisor, Study-Discussion Programme), Bertram Curtis (Assistant Director), William Mundy (Supervisor), Douglas Kaye (Recordings Librarian), Mary Medland (Administrative Assistant), Ian Docherty (Co-ordinator, Fine Arts), Trevor Matthews (Supervisor).

The Department was joined by Thomas Brown, Gerald Savory, Robert Collier, and Sidney Risk (Supervisors), Malcolm Gillis (Instructor). James Draper went to India as Adviser at the University of Rajasthan. Knute Buttedahl added the Acting Directorship of Housing to his already onerous duties in the Conference Office.

Gordon Selman was elected President of the Canadian Association of Directors of Extension and Summer Schools.

THE UNIVERSITY LIBRARY

For many years the Library has been demanding additional funds. Substantial increases have been allotted recently by the Board of Governors; yet these were not keeping pace with the needs of a university that has pledged itself to train graduate students in larger numbers than ever before. In February 1965, Mr. H. R. MacMillan came to the rescue with a magnificent gift of three million dollars for the strengthening of the Library's collections. Seldom has a library been the recipient of such munificence. The Librarian now anticipates that the present holdings, which already number more than 700,000 volumes, will be tripled within a decade. Graduate students and faculty should not lack the tools of research.

In September the P. A. Woodward Biomedical Library opened its doors. The five-fold increase in the circulation of biomedical books reflects the influence of an attractive and convenient building upon readers and so upon education.

The University Library, however, continued to be used intensively. On a typical day in February, some 17,500 persons were counted as they entered the building. This figure is also a major factor in the statistics kept by all the divisions engaged in pubic service.

During the year, internal alterations and additions almost doubled the capacity of the book-stacks. The Library is thus ready to cope, for a few years at least, with the accelerated flow of acquisitions that will arrive as a result of Dr. MacMillan's gift.

June brought the retirement of Roland J. Lanning, Head of the Serials Division, who for forty years has given to the University his discerning and intimate knowledge of the learned journals and serials. Scholarship at this University will always be in his debt.

INTER-FACULTY AND STUDENT AFFAIRS

This was a memorable year for students seeking financial assistance. First, H. R. MacMillan, already known as a close friend of the University, made provision for forty-five graduate fellowships, each worth $3,200, annually for a period of twenty years. More recently, the same donor added eighteen similar fellowships in honour of the three former Presidents, the late Dr. F. F. Wesbrook, Dr. L. S. Klinck, Dr. N. A. M. MacKenzie. The stimulus given to the expanding graduate work of the University is already being felt.

Second, the Government of Canada passed the Canada Loans Act. Dean Walter H. Gage was then appointed Provincial Authority to administer the funds and was all but overwhelmed by applications. During the year more than 5,100 loans were issued to about 4,650 students in the amount of over $3,100,000; approximately two-thirds of the loans went to students at this University.

The opening of the Totem Park Residences added attractive accommodation for 400 men and 400 women; dining-room, lounge, and facilities for recreation are enjoyed in common.

Yorkeen House has become a convenient hostel for professors, alumni, parents, and others who visit the campus for short periods.

Registration 1964-65

(as of December 1, 1964)

FACULTY OF ARTS

	MEN	WOMEN	TOTAL
Arts			
First Year	695	652	1347
Second Year	757	510	1267
Third Year	599	384	983
Fourth Year	563	312	875
TOTAL	2614	1858	4472
Music			
First Year	15	22	37
Second Year	24	24	48
Third Year	21	25	46
Fourth Year	17	12	39
TOTAL	77	83	160
School of Home Economics			
First Year	....	64	64
Second Year	....	49	49
Third Year	....	50	50
Fourth Year	....	49	49
TOTAL	....	212	212
School of Social Work			
B.S.W.	50	55	105
M.S.W.	27	27	54
TOTAL	77	82	159
School of Librarianship	12	41	53
TOTAL IN FACULTY	2780	2276	5056

FACULTY OF SCIENCE

First Year	812	191	1003
Second Year	752	105	857
Third Year	482	73	555
Fourth Year	439	51	490
TOTAL	2485	420	2905

FACULTY OF APPLIED SCIENCE

Engineering			
First Year	305	1	306
Second Year	224	1	225
Third Year	189	1	190
Fourth Year	185	....	185
TOTAL	903	3	906

School of Architecture	MEN	WOMEN	TOTAL
First Year	31	2	33
Second Year	22	1	23
Third Year	23	1	24
Fourth Year	....	....	....
Fifth Year	1	....	1
TOTAL	77	4	81
School of Nursing			
Basic Degree Programme			
First Year	....	27	27
Second Year	....	24	24
Third Year	....	24	24
Fourth Year	....	26	26
Postbasic			
First Year	....	12	12
Second Year	....	7	7
Third Year	....	7	7
TOTAL	....	127	127
Diploma Course	....	78	78
TOTAL	....	205	205
TOTAL IN FACULTY	980	212	1192
FACULTY OF AGRICULTURE			
First Year	30	11	41
Second Year	32	19	51
Third Year	52	6	58
Fourth Year	39	7	46
Fifth Year	....	....	....
Occupational Course	5	1	3
TOTAL IN FACULTY	155	44	199
FACULTY OF LAW			
First Year	118	2	120
Second Year	87	3	90
Third Year	63	2	65
TOTAL IN FACULTY	268	7	275
FACULTY OF PHARMACY			
First Year	24	11	35
Second Year	19	12	31
Third Year	31	13	44
Fourth Year	19	14	33
TOTAL IN FACULTY	93	50	143

FACULTY OF MEDICINE

	MEN	WOMEN	TOTAL
First Year	57	4	61
Second Year	49	6	55
Third Year	53	3	56
Fourth Year	37	7	44
TOTAL	196	20	216
School of Rehabilitation Medicine			
First Year	....	26	26
Second Year	....	33	33
Third Year	....	18	18
TOTAL	....	77	77
TOTAL IN FACULTY	196	97	293

FACULTY OF DENTISTRY

First Year	8	....	8
TOTAL IN FACULTY	8	....	8

FACULTY OF FORESTRY

First Year	58	....	58
Second Year	34	....	34
Third Year	45	....	45
Fourth Year	46	....	46
TOTAL IN FACULTY	183	....	183

FACULTY OF EDUCATION

Elementary Division			
First Year	49	369	418
Second Year	141	531	672
Third Year	100	392	492
Fourth Year	49	141	190
Graduates	22	39	61
TOTAL	361	1472	1833
Secondary Division			
First Year	89	69	158
Second Year	143	76	219
Third Year	130	54	184
Fourth Year	100	38	138
Fifth Year	82	37	119
Graduates	157	95	242
Industrial Arts	51	....	51
TOTAL	752	359	1111

School of Physical Education	MEN	WOMEN	TOTAL
First Year	23	18	41
Second Year	55	21	76
Third Year	46	14	60
Fourth Year	38	9	47
TOTAL	162	62	224
TOTAL IN FACULTY	1275	1893	3168

FACULTY OF COMMERCE AND BUSINESS ADMINISTRATION

First Year	272	12	284
Second Year	205	6	211
Third Year	147	2	149
Fourth Year	112	4	116
TOTAL IN FACULTY	736	24	760

FACULTY OF GRADUATE STUDIES

Course leading to			
Ph.D	295	30	325
D.Ed.	7	2	9
M.A.	257	116	373
M.Sc.	172	29	201
M.A.Sc.	92	....	92
M.S.A.	31	....	31
M.F.	7	....	7
M.B.A.	36	....	36
M.P.E.	8	....	8
M.Ed.	10	11	21
M.S.P.	6	1	7
M.Arch.	....	....	....
TOTAL IN FACULTY	921	189	1110
Unclassified	126	71	197
GRAND TOTAL	10,206	5283	15,489

Extra-Sessional Classes	714	815	1529
Correspondence Courses	569	727	1296
Summer Session 1964	3202	3018	6220

Registration 1964-65

COUNTRY OF CITIZENSHIP

	North America
13912	Canada
2	Mexico
215	United States
	Central America
1	Bahamas
3	Barbados
1	Costa Rica
4	Honduras, British
9	Jamaica
63	Trinidad
6	Other West Indies
	South America
2	Argentina
1	British Guiana
3	Chile
1	Columbia
2	Paraguay
4	Peru
1	Venezuela
	Asia
2	Ceylon
49	China
63	Hong Kong
63	India
2	Indo-China
5	Indonesia
2	Iran
1	Iraq
3	Israel
24	Japan
5	Korea
1	Lebanon
17	Malaya
9	Pakistan
1	Palestine
5	Philippines
3	Sarawak
4	Siam
8	Singapore
1	Syria
3	Turkey

	Europe
14	Austria
3	Belgium
1	Czechoslovakia
19	Denmark
7	Eire (Ireland)
8	Estonia
5	Finland
14	France
147	Germany — Western Zone
2	Germany — Eastern Zone
471	Great Britain & N. Ireland
9	Greece
23	Hungary
2	Iceland
30	Italy
5	Latvia
79	Netherlands
14	Norway
3	Poland
3	Portugal
1	Romania
4	Soviet Union
3	Spain
4	Sweden
6	Switzerland
6	Yugoslavia
	Africa
1	French West Africa
5	Ghana
7	Kenya
3	Nigeria
4	Sierra Leone
9	Rhodesia, Nyasaland
1	S. Camaroons
2	Uganda
11	Union of South Africa
	Oceania
28	Australia
14	New Zealand
20	**Stateless**

THE UNIVERSITY OF BRITISH COLUMBIA

Registration

Session	Arts & Sc.	H.Ec.	P.E.	Mus.	Ap. Sc.	Nurs.	Arch.	Agric.	Law	Soc. Work	Educ.	Phar.	For.	Med.	Dent.	Com.	Lib.	Rehab.	Unclass.	Grad. St.	Total Winter Sess.	Year	Summer Sess.	Corr. & X-Sess.	GRAND TOTAL
1920-21	687	....	....	....	200	9	....	51	....	....	....	....	....	....	....	....	....	....	....	15	962	1921	134	550	1646
1925-26	1083	....	....	....	192	33	....	51	....	....	57	....	....	....	....	....	....	....	....	47	1463	1926	438	127	2028
1930-31	1494	....	....	....	281	41	....	50	....	....	71	....	....	....	....	....	....	....	....	107	2044	1931	441	401	2886
1935-36	1211	....	....	....	320	93	....	67	....	25	62	....	....	....	....	....	....	....	....	160	1938	1936	566	223	2727
1940-41	1591	....	....	....	452	72	....	153	....	26	71	....	....	....	....	....	....	....	....	163	2528	1941	457	187	3172
1945-46	4034	148	....	....	1053	128	....	376	87	67	47	....	....	....	....	443	....	....	....	249	†6632	1946	2368	163	9163
1950-51	2951	185	139	....	931	92	97	286	325	142	213	166	142	60	....	329	....	....	....	374	6432	1951	976	430	7838
1955-56	3040	168	123	....	904	177	91	163	212	84	120	136	111	222	....	529	....	....	....	323	6403	1956	1810	1038	9251
1956-57	3284	170	101	....	1032	216	94	153	231	77	905	142	129	209	....	572	....	....	....	384	7699	1957	3507	1649	12855
1957-58	3860	187	103	....	1157	243	100	165	248	76	1125	119	*328	213	....	605	....	....	....	457	8986	1958	3947	2406	15339
1958-59	4505	198	130	....	1068	224	117	156	252	80	1445	125	*269	213	....	597	....	....	....	571	9950	1959	3828	2100	15878
1959-60	4734	207	160	....	1043	217	112	175	247	94	1826	141	*191	212	....	659	....	....	....	624	10642	1960	4256	2196	17094
1960-61	5314	198	177	....	1051	198	87	179	240	102	2188	151	*183	203	....	635	....	....	....	715	11621	1961	5156	2600	19377
1961-62	6412	207	195	....	987	160	75	204	225	109	2376	139	181	210	....	617	31	19	124	679	12950	1962	5101	2701	20752
1962-63	6731	196	204	127	972	188	82	191	227	117	2415	147	186	208	....	616	36	35	176	744	13598	1963	5463	2941	22002
1963-64	A. 4399 Sc. 2749	214	214	148	918	181	78	205	243	147	2740	159	189	213	....	633	46	68	251	919	14714	1964	6220	2930	23864
1964-65	A. 4472 Sc. 2905	212	224	160	906	205	81	199	275	159	2944	143	183	216	8	760	53	77	197	1110	15489	1965		2825	

† Includes Special Winter Session, 1946, Ex-Service Personnel.
* These figures include Sopron.

THE UNIVERSITY OF BRITISH COLUMBIA

Degrees Conferred

Undergraduate

YEAR	B.A.	B.Sc.	B.H.E.	B.P.E.	B.Mus.	B.S.W.	B.A.Sc.	B.Arch.	B.S.N.	B.S.A.	LL.B.	B.S.P.	M.D.	B.S.F.	B.Comm.	B.Ed.	B.L.S.	TOTAL
May-Oct. 1916-20	205	....	....	....	....	....	11	....	....	....	....	....	....	....	....	....	....	216
1921-25	499	....	....	....	....	....	145	....	12	58	....	....	....	....	....	....	....	714
1926-30	882	....	....	....	....	....	151	....	25	40	....	....	....	....	....	....	....	1098
1931-35	1221	....	....	....	....	....	240	....	36	67	....	....	....	....	122	....	....	1686
1936-40	1268	....	....	....	....	....	319	....	38	102	....	....	....	....	158	....	....	1885
1941-45	1139	....	....	....	....	....	446	....	44	130	....	....	....	13	208	28	....	2008
1946-50	3321	....	198	66	....	330	1262	5	90	472	336	115	....	158	1001	240	....	7594
1951-55	2404	....	178	113	....	280	972	71	77	272	435	227	114	155	398	253	....	5949
1956	299	....	35	19	....	39	132	8	....	25	58	38	60	20	96	36	....	865
Oct.	116	....	4	7	....	....	19	....	21	7	....	2	....	3	9	84	....	272
1957	318	....	20	19	....	37	159	14	....	18	52	34	48	25	102	†G 48 S 1 E 10	....	905
Oct.	119	....	....	3	....	....	3	2	32	4	....	5	2	....	10	G151 S 7 E 25	....	363
1958	225	70	32	14	....	35	177	7	....	28	72	36	45	18 *28	103	G 92 S 14 E 29	....	1025
Oct.	74	19	2	7	....	3	19	1	45	3	....	5	2	1	13	G143 S 17 E 34	....	388
1959	247	78	32	17	....	33	193	9	....	29	73	29	42	24 *63	89	G 25 S 27 E 36	....	1046
Oct.	160	28	3	8	....	4	20	....	41	4	....	2	5	3 * 5	12	G 25 S 32 E 60	....	412
1960	292	146	34	12	....	37	169	12	....	33	63	28	51	33 *20	116	G 8 S 35 E 37	....	1126
Oct.	122	32	6	5	....	....	24	1	49	4	....	4	4	....	20	G 12 S 44 E 86	....	413
1961	282	151	36	13	....	49	192	10	....	29	80	30	39	29 *24	95	G 7 S 32 E 51	....	1149
Oct.	133	44	1	9	....	1	23	3	60	7	....	5	2	7	16	G 12 S 45 E 85	....	453
1962	331	185	31	26	7	57	203	16	....	24	75	31	51	26	94	G 6 S 55 E 57	27	1302
Oct.	128	43	3	10	2	3	13	1	27	8	....	11	1	2	34	G 11 S 73 E 89	1	460
1963	392	238	32	14	12	71	171	13	....	30	60	12	49	26	117	G 10 S 76 E 92	34	1449
Oct.	163	49	1	18	2	2	24	4	26	10	1	2	....	2	29	G 17 S 95 E136	....	581
1964	528	326	37	19	6	71	196	14	....	33	63	35	43	35	90	G 7 S 76 E 98	43	1720
Oct.	187	66	6	9	3	....	21	6	29	15	1	3	....	5	25	G 13 S 115 E186	1	691

† G - Graduate, S - Secondary, E - Elementary
* Sopron

THE UNIVERSITY OF BRITISH COLUMBIA

Degrees Conferred

Graduate

YEAR	Ph.D.	M.A.	M.Sc.	M.A.Sc.	M.S.A.	M.B.A.	M.F.	M.S.W.	M.S.P.	M.Arch.	M.P.E.	M.Ed.	TOTAL	Total Grad. & Undergr. Degrees	CUMUL. TOTAL
May-Oct. 1916-20	....	11	....	1	....	....	....	....	....	....	....	....	12	228	
1921-25	....	46	....	15	4	....	....	....	....	....	....	....	65	779	1007
1926-30	....	71	....	8	7	....	....	....	....	....	....	....	86	1184	2191
1931-35	....	113	....	27	22	....	....	....	....	....	....	....	162	1848	4039
1936-40	....	145	....	31	27	....	....	....	....	....	....	....	204	2089	6128
1941-45	....	98	....	31	17	....	....	....	....	....	....	....	146	2154	8282
1946-50	4	241	....	79	51	....	....	48	....	....	....	....	422	8016	16298
1951-55	37	207	61	59	57	2	9	118	....	....	....	....	550	6499	22797
1956	12	22	11	10	5	1	1	18	....	....	....	....	80	945	23742
Oct.	7	17	10	5	1	....	....	2	....	....	....	....	42	314	24056
1957	4	15	10	8	6	1	1	17	....	....	....	....	62	967	25023
Oct.	7	9	12	4	2	....	2	2	....	....	....	3	41	404	25427
1958	8	26	18	12	4	....	3	8	....	....	....	3	82	1107	26534
Oct.	3	20	10	10	1	....	1	3	....	....	....	5	53	441	26975
1959	8	15	12	12	7	....	3	20	....	....	1	4	82	1128	28103
Oct.	9	10	23	12	....	....	1	....	....	....	1	8	64	476	28579
1960	18	22	25	13	5	4	4	13	....	....	1	8	113	1239	29818
Oct.	9	23	19	14	4	3	4	3	....	....	1	11	91	504	30322
1961	3	26	21	16	4	....	8	14	....	....	1	5	98	1247	31569
Oct.	5	25	29	10	2	....	....	3	1	....	1	24	100	553	32122
1962	12	25	31	14	6	1	5	17	....	....	2	9	122	1424	33546
Oct.	21	29	29	19	5	1	2	9	....	....	....	32	147	607	34153
1963	20	34	29	19	5	1	3	21	....	....	5	11	148	1597	35750
Oct.	16	39	28	15	1	2	2	5	2	1	....	39	150	731	36481
1964	26	44	21	24	6	4	4	37	....	....	1	13	180	1900	38381
Oct.	30	39	48	15	4	4	1	1	2	....	2	31	177	868	39249

Registration 1964-65

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

British Columbia (based on census divisions):

1)	East Kootenay and Upper Columbia River	152
2)	West Kootenay, Columbia River and Slocan Lake	535
3)	Okanagan, Similkameen, Kettle, and Upper Shuswap Rivers	783
4)	Lower Fraser Valley and Howe Sound	10,327
5)	Vancouver Island	1,151
6)	North Thompson, Shuswap, Nicola, Chilcotin South, Lillooet East, Bridge - Lillooet	362
7)	Bella Coola, Knight Inlet, Powell River	145
8)	Nechako - Fraser, Chilcotin North, Cariboo, Skeena, Takla Lake	214
9)	Atlin Lake, Skeena Coast, Queen Charlotte Islands	160
10)	Northeast B.C.-Laird, Finlay-Parsnip, Beaton River	90

Alberta	321
Saskatchewan	138
Manitoba	83
Ontario	254
Quebec	79
New Brunswick	9
Nova Scotia	17
Prince Edward Island	1
Newfoundland	5
Yukon	22
Northwest Territories	9

Africa	35
Asia	206
British Isles	73
West Indies	66
Central America	15
Europe	37
Oceania	38
South America	18
United States	144

Educational Level of Students Admitted for the First Time in 1964

	University Entrance Standing
2354	British Columbia
13	Alberta
25	Saskatchewan
16	Manitoba
36	Ontario
16	Quebec
1	Nova Scotia
2	Prince Edward Island
59	Non-Canadian

	Senior Matriculation (Grade XIII, B.C.)
615	British Columbia, full
622	British Columbia, partial
42	Alberta
26	Saskatchewan
11	Manitoba
43	Ontario
11	Quebec
3	Nova Scotia
2	New Brunswick
48	Non-Canadian
72	One year, Victoria College
67	Two years, Victoria College
4	Three years, Victoria College
75	Undergraduates above Senior Matriculation
198	Graduate
20	Non-Matriculation

	Summary
2522	University Entrance
1423	Senior Matriculation
344	Above Senior Matriculation
20	Non-Matriculation

THE UNIVERSITY OF BRITISH COLUMBIA

Honorary Degrees Conferred

YEAR		LL.D. *(honoris causa)*	D.Litt. *(honoris causa)*	D.Sc. *(honoris causa)*
Previous years		8		....
1930-34		12		....
1935-39		17		....
1940-44		9		1
1945-49		34		17
1950-54		37		18
1955	May	3	1	1
	October	5	....	....
1956	May	3	....	3
	October	6	....	....
1957	May	3	....	2
	October	6	....	....
1958	May	9	....	....
	July	1	....	....
	September	13	....	....
	October	2	....	1
1959	May	5	....	....
	September	5	....	....
	October	1	....	1
1960	May	4	....	2
	October	2	2	2
1961	May	4	....	3
	October	2	....	4
1962	May	1	....	....
	October	3	....	1
1963	May	1	1	1
	October	....	1	1
1964	May	1	....	1
	October	1	....	1
	TOTAL	198	5	61
	GRAND TOTAL			264

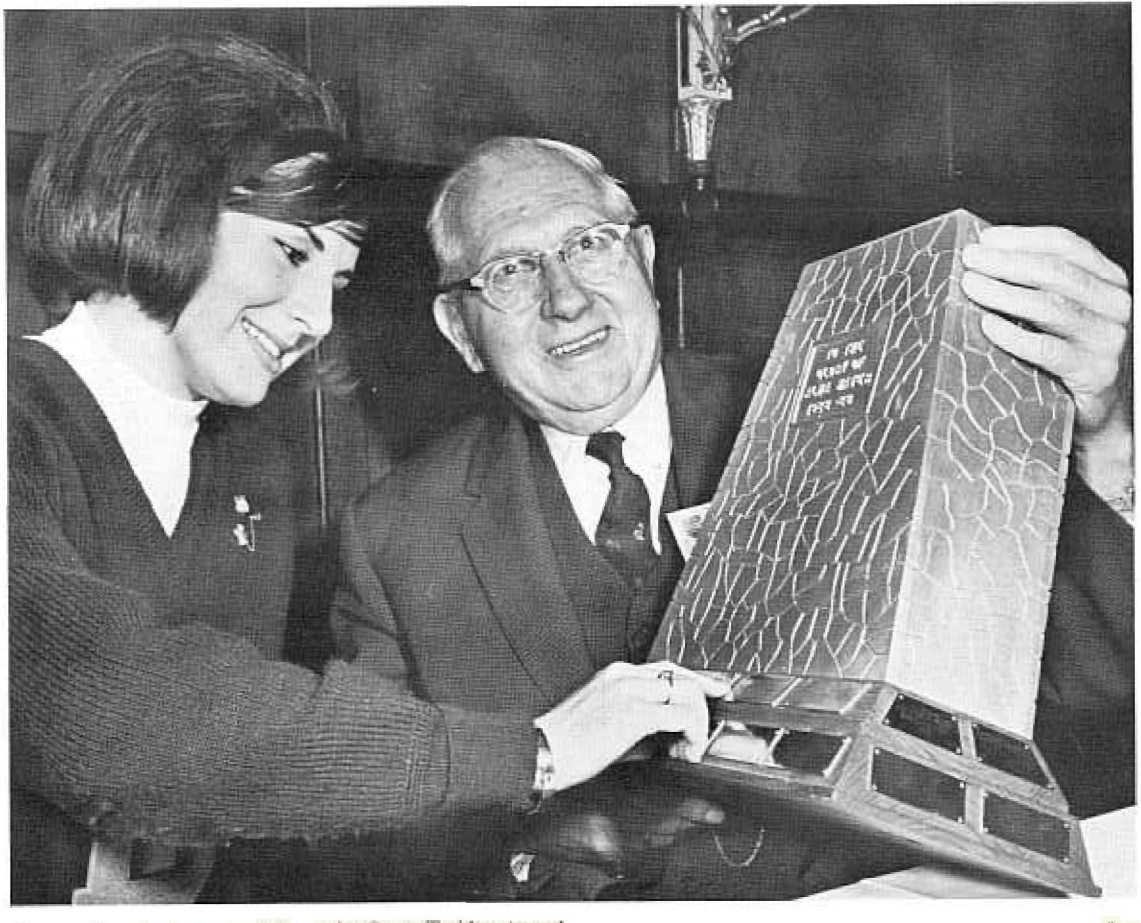
Summary of Operating Revenue and Expenditure

(Excluding Student Loan and Capital Development Funds and Endowment Capital Sums)

April 1, 1964 to March 31, 1965

	GENERAL FUNDS		TRUST FUNDS								TOTAL		1963-64	
			For Specific Purposes						Endowment					
		%	Teaching and General Purposes	%	Fellowships, Scholarships, Prizes and Bursaries	%	Research	%		%		%		%
Province of British Columbia Grants	$11,090,000	51.3	$ 60,790	4.4	$ 2,100	0.4	$ 57,568	1.3	$	....	$11,210,458	39.7	$ 9,052,430	38.8
Government of Canada Grants	2,897,054	13.4	198,240	14.4	7,150	1.4	3,132,536	68.5	....	....	6,234,980	22.1	5,485,936	23.5
United States Government	....	....	7	....	....	....	187,383	4.1	....	....	187,390	0.7	155,272	0.7
Student Fees	6,623,518	30.6	....	....	....	....	....	....	....	....	6,623,518	23.5	5,429,084	23.2
Gifts and Grants (Commerce, Industry, Associations, Foundations and Individuals)	....	....	1,102,831	80.3	501,104	98.0	1,187,707	26.0	....	....	2,791,642	9.9	2,218,621	9.5
Miscellaneous	1,021,825	4.7	12,343	0.9	837	0.2	5,994	0.1	124,452	100.0	1,165,451	4.1	1,016,953	4.3
	$21,632,397	100.0	$1,374,211	100.0	$511,191	100.0	$4,571,188	100.0	$124,452	100.0	$28,213,439	100.0	$23,358,296	100.0
EXPENDITURE														
Academic Faculties, Departments and Non-Faculty Academic and Student Services	$16,302,900	75.4	$ 881,966	64.2	$	....	$	....	$ 6,946	5.6	$17,191,812	60.9	$14,949,806	64.0
Administration	1,062,296	4.9	8,171	0.6	....	....	....	....	....	....	1,070,467	3.8	939,675	4.0
Service Departments and Maintenance	2,995,054	13.8	6,233	0.5	....	....	....	....	....	....	3,001,287	10.6	2,643,524	11.3
General Expenses	233,718	1.1	7,026	0.5	....	....	....	....	....	....	240,744	0.9	228,304	1.0
Athletics	69,968	0.3	101,841	7.4	....	....	....	....	....	....	171,809	0.6	139,070	0.6
Fellowships, Scholarships, Prizes and Bursaries	303,442	1.4	....	....	501,547	98.1	....	....	67,862	54.5	872,851	3.1	726,749	3.1
Research	209,431	1.0	....	....	....	....	4,475,434	97.9	....	....	4,684,865	16.6	3,684,081	15.8
Miscellaneous	....	....	....	....	....	....	....	....	....	....	....	....	36,655	0.2
	$21,176,809	97.9	$1,005,237	73.2	$501,547	98.1	$4,475,434	97.9	$ 74,808	60.1	$27,233,835	96.5	$23,347,864	100.0
Reserves carried forward from 1964-65 to meet expenditures in 1965-66	224,108	1.0	....	....	....	....	....	....	....	....	224,108	0.8	(480,030)	(2.1)
Buildings including Furnishings, Equipment and Campus Development	231,480	1.1	....	....	....	....	....	....	....	....	231,480	0.8	309,973	1.3
Trust Funds for Specific Purposes carried forward to meet Expenditures in 1965-66	....	....	368,974	26.8	9,644	1.9	95,754	2.1	....	....	474,372	1.7	138,473	0.6
Endowment Fund Income carried forward to 1965-66	....	....	....	....	....	....	....	....	49,644	39.9	49,644	0.2	42,016	0.2
	$21,632,397	100.0	$1,374,211	100.0	$511,191	100.0	$4,571,188	100.0	$124,452	100.0	$28,213,439	100.0	$23,358,296	100.0

The Campus, 965 *George Allen*



George Cunningham receiving the Great Trekker Award

Sun

At the desk *Photograph by B. C. Jennings*

Mr. and Mrs. P. A. Woodward

Photograph by Gordon Whittaker

Dr. Harvey Reginald MacMillan

Photograph by Tony Archer

Dean S. Wah Leung with the first class in Dentistry. *Photograph by Deni Eagland*

Sisters Mary Assumpta and Ian Marie of North Kamloops take their first lesson on the harmonica at the Summer Session for teachers of music.

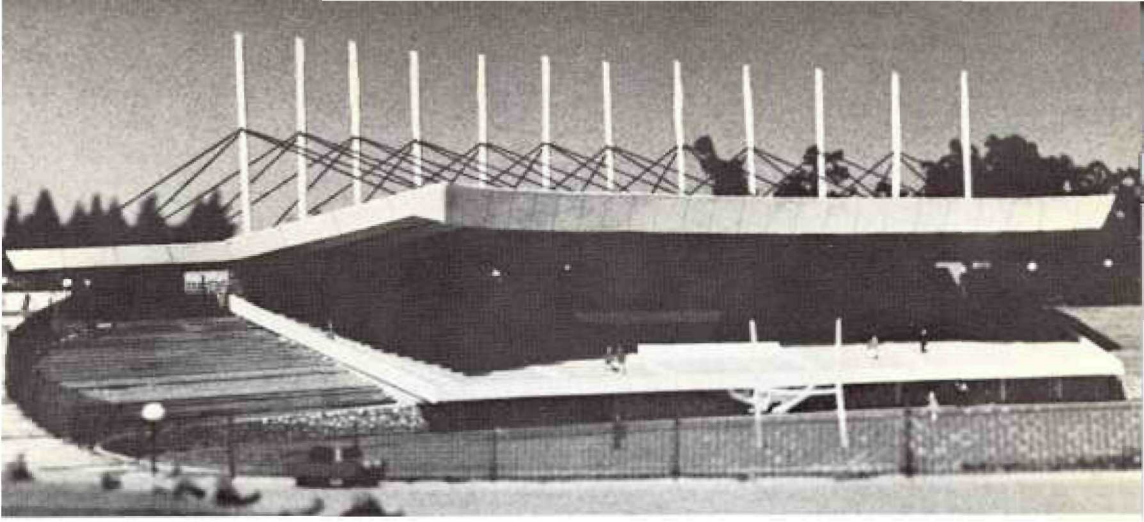
Photograph by Gordon Sedawie

Dean Dennis M. Healy,
Faculty of Arts
Photograph by A. P. Holborne

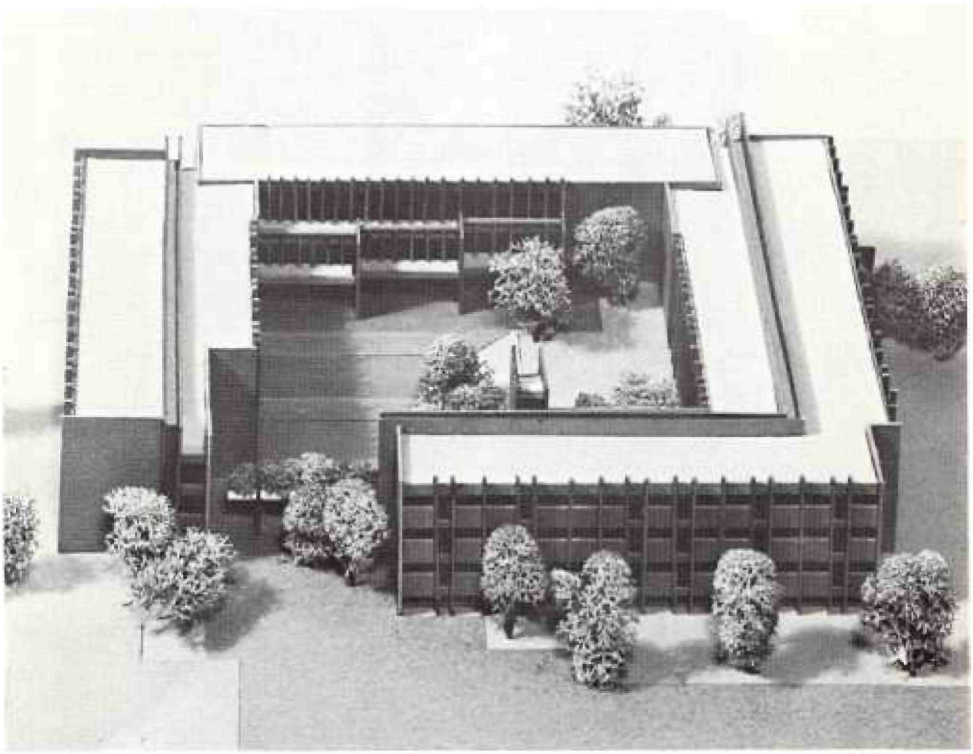
Dean Joseph A. F. Gardner,
Faculty of Forestry
Photograph by B. C. Jennings

Rod Macdonald (President, U.B.C. Alumni Association) and President Macdonald share the award given by the American Alumni Council for the greatest improvement in fund-raising by alumni (for 1963). *Photograph by A. P. Holborne*

Dr. W. Kaye Lamb and Dr. W. S. Hoar with the Tyrrell and Flavelle Medals, presented by the Royal Society of Canada (June 1965). *Photograph by A. P. Holborne*



Model of the new stadium, Vladimir Plavsic architect



Faculty of Agriculture and Forestry: model of the planned new building

Photograph by A. P. Holborne

Woodward Library *Jennings*

The Totem Park Residences *Photograph* *Jennings*

The Henry Angus Building

Photograph by Jennings

Re: Faculty and Staff Publications

To reduce file size, the publications section has not been included. For this information, contact the University of British Columbia Archives.

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