

GRANT AIDS WINTER CENTER

Senate Approves Degrees

The offering of three new degrees in the faculty of graduate studies has been approved by the University of British Columbia Senate, President N. A. M. MacKenzie has announced.

Beginning in the next academic year the department of geography will offer a program leading to the doctor of philosophy (Ph.D.) degree, the faculty of law will offer the master of laws (LL.M.) degree and the department of psychiatry will institute a program leading to the master of science (M.Sc.) in psychiatry.

UBC TO TRAIN DENTISTS

The provincial government announced January 25 in the speech from the Throne in the legislature that funds would be provided for the establishment of a faculty of dentistry at the University of British Columbia.

The Throne speech also indicated that there would be an increased operating grant for the University in the coming fiscal year.

Dr. John B. Macdonald, president-designate of UBC, said it was "gratifying, though not unexpected, to learn that the government of British Columbia is recognizing the growth of higher education in the province through an increase in funds to the University."

He added: "I was pleased, too, to learn that the long-standing need to establish a faculty of dentistry will be met through provision of special funds for this purpose."

Dr. J. L. Robinson, head of geography department, said UBC would be the first western Canadian university to offer the Ph.D. degree in geography.

Work will be offered in three specialized areas — the geography of western Canada with emphasis on B.C. and systematic and economic geography.

Dean G. F. Curtis, head of the faculty of law, said that as part of the program leading to the LL.M., students would have the opportunity of specializing in three areas — natural resources law, international legal studies

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U.B.C. REPORTS

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PRESIDENT-DESIGNATE Dr. John B. Macdonald visited the University of British Columbia late in January to confer with President N. A. M. MacKenzie, members of the board of governors, and other University officials. President MacKenzie (left, above) was on hand to greet Dr. Macdonald at Vancouver International airport. Dr. MacKenzie will retire July 1.

LIBRARIAN'S ANNUAL REPORT

Dollar Devaluation Hampering Library

Devaluation of the Canadian dollar is hampering expansion of the University of British Columbia's library, according to acting librarian Dr. Sam Rothstein.

Dr. Rothstein makes this observation in the annual report of the UBC librarian to the University senate.

Canadian libraries once enjoyed an advantage of about five per cent in the purchase of books outside Canada, he says. With the devaluation of the dollar, purchasers are now at a disadvantage of nearly five per cent, he says.

"The net result," Dr. Rothstein

says, "is that we are now paying almost ten per cent more for imported books."

Despite this the book stock at the UBC library reached 500,000 volumes in the past year, the report states. A total of 37,556 volumes were added to the library collection during the year ending August 31, 1961, as compared to 32,951 in the preceding year.

These increases warrant no smugness, Dr. Rothstein writes, and the UBC library will be truly adequate only when it provides in large measure the materials needed for advanced study by its own faculty, and distinguished only

when its resources attract scholars from other institutions.

Funds available to the library for the purchase of books held pretty well static, the report states, and more input is regularly needed to produce the same output in a period of constantly rising book prices.

Turning to the matter of staff, Dr. Rothstein says beginning professional salaries, once as good as any in Canada, have fallen behind those of Alberta and Toronto. The UBC library has never been able to fill its complement of professional positions and four were vacant in the past year.

Building Ready in December

The University has received a gift of \$100,000 from Senator Hartland deM. Molson and his brother Thomas, and the Molson companies of Western Canada, to assist in the construction of a winter sports center.

Plans for the sports center are now being prepared by Thompson, Berwick and Pratt, University architects. Dean W. A. Matthews, chairman of the UBC committee dealing with the architects, said it was hoped construction would begin in April.

DEAN ANDREW TO HEAD CUF

Dean Geoffrey C. Andrew, UBC's deputy president, has resigned to become executive director of the Canadian Universities Foundation and the National Conference of Canadian Universities and Colleges in Ottawa.

Dean Andrew, who came to UBC in 1947, takes up his new position March 1. The CUF is the organization which distributes federal aid to Canadian universities and colleges. The federal government announced in February that it was raising its per capita grant to universities from \$1.50 to \$2. The grant is based on the population of each province.

Dean Andrew came to UBC after service with the Canadian government. He is a graduate of Dalhousie and Oxford Universities.

Dean Matthews said the center would be complete in December if construction got underway in April.

The center will cost a total of \$500,000. The students of UBC have pledged \$250,000 toward the cost of construction and the University will provide a similar amount.

The building will contain a hockey rink measuring 195 by 85 feet and will have seating accommodation for 1500 persons. The center will also include eight sheets of ice for curling, dressing rooms and a coffee shop.

The center will be constructed in the vicinity of the War Memorial gymnasium.

TRAPPED 10,000 YEARS AGO

B.C. Lake Yields Old Sea Water

Salt water trapped nearly 10,000 years ago has been discovered in a land-locked British Columbia lake by scientists of the Institute of Oceanography at the University of B.C.

The ancient sea water was found in a basin of Powell Lake, near Powell River, a pulp and paper mill town on Canada's west coast about 80 miles north of Vancouver.

Discovery of the trapped sea water confirms a theory that Powell Lake was once an inlet of the sea and was cut off when the land rose thousands of years ago after the disappearance of an ice sheet several thousands of feet thick.

The salt water is the oldest trapped sea water yet discovered,

according to Dr. Peter Williams, a chemist, and one of three scientists at the Institute of Oceanography who carried out the observations.

The salt water begins about 400 feet below the surface of the lake, Dr. Williams says. The concentration of salt increases with depth but is only half as salty at the bottom of the lake as the water in the Strait of Georgia less than a mile away.

NO MARINE LIFE

The water between 7300 and 12,250 years ago, according to Dr. Williams. It contains no oxygen and no fish or marine life other than bacteria could live in it.

The water contains methane,

which is the chief component of natural gas, and hydrogen sulphide, a very poisonous gas which smells like rotten eggs.

Associated with Dr. Williams in the Powell Lake work was Dr. William Mathews, a geologist, who says that some 13,000 years ago the area around Powell Lake was covered with a vast sheet of ice which helped scour out the lake's basin.

When the ice sheet retreated, salt water flowed into the Powell Lake basin to a depth of at least 200 feet above the present sea level. The scientists know the water rose to this height because the fossil remains of sea organisms have been found at this height on surrounding mountains. Powell Lake gradually became

landlocked as the result of a fairly common geological phenomenon, according to Dr. Mathews.

When the ice sheet retreated, the land, relieved of an immense weight, actually rose up again until it attained its present height above the sea.

DEEP LAKE

The scientists think that eventually the salt water in Powell Lake will mix with fresh water and disappear. When this will happen they cannot predict since the rate of mixing cannot be determined.

As a sidelight to these investigations the scientists have found that Powell Lake is one of the deepest lakes in the province. The others are Quesnel Lake,

near Quesnel, which has a recorded depth of more than 1,300 feet and Adams Lake, near Salmon Arm, where a depth of 1,200 feet has been recorded. The deepest sounding in Powell Lake was 1,180 feet.

The scientists became interested in Powell Lake as the result of reports by a Norwegian oceanographer who found salt water at the bottom of two Scandinavian lakes. The existence of such lakes in B.C. had been previously predicted by Dr. N. M. Carter, now an official of the federal department of fisheries in Ottawa.

The third scientist involved in the Powell Lake investigations was Dr. George Pickard, director of UBC's Institute of Oceanography.

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UNIVERSITY INFORMATION OFFICE

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PRESIDENT'S CBC BROADCAST

Building a University

(Shortly after he announced that he would retire on July 1, 1962, President N. A. M. MacKenzie gave his annual report to the province over radio station CBU. What follows is the text of his address.)

This year my report on the work and welfare of the University of British Columbia will understandably be somewhat different from those that I have given in the past, this because of my own decision to retire next July, the Board's announcement of the appointment of my successor, and the exciting election of a new Chancellor and chairman of our Board, the first time in the history of universities, I believe, that a woman has occupied both these offices.

About the University itself: this year our enrolment has gone up from 11,621 to 13,049. This has made more acute the problems of space, of staff and of money that we have been wrestling with ever since 1944. In my own opinion, we have just about reached the end of our tether and unless more money and more buildings are forthcoming, and that immediately, we will have to deny admission to this University to many of the sons and daughters of this Province who, in normal circumstances, would be entitled to and should have a university education.

If this policy of limited enrolment becomes necessary, we will, of course, deal with it in the approved and customary manner of raising our admission standards so high that only a limited percentage of our young people will be able to gain admission. There are those who view this as good and wise, but it does in fact mean, if endorsed, that far fewer of our young people will benefit from higher education than their opposite numbers in the United States or in the U.S.S.R. and, because of the nature of our society, it will also probably mean that we will perpetuate the process of accepting the role of hewers of wood and drawers of water for our friends and neighbours to the south.

If the money were actually not available in our society I would be prepared to accept this state of affairs, though I would continue to fight against it. However, I do know that we in Canada and in British Columbia can find money for almost anything and everything provided it is either "practical", e.g. highways or power development, or "popular", e.g. cigarettes, liquor, entertainment, or even cosmetics.

However, we do have a good University and an unusually fine body of young men and women from every corner of this province, from every province in Canada, and from sixty or seventy countries across the world. This, of course, is as it should be for a parochial university that limits either staff or enrolment to its own sons and daughters is a poor and dull affair and is not worthy of the title "university."

However, I told you at the outset that this address was to be somewhat different because of the unusual circumstances in which we at the University find ourselves, and so for the rest of my talk I would like to say this:

It is difficult to give up the kind of life that has occupied all my attention and all my energies over the last forty years, but the moment comes for every man—no matter how energetic he may still feel—when he should turn over his work and his dreams to others.

The passing years bring changes in everything, and certainly in the life of a university, in the people who teach in its classroom and laboratories, and in the subject matter they offer to the young generation. A university is the image of the society it leads and serves, and the changing patterns of social, political, and cultural life are reflected directly in its teaching. We know that month by month and year by year, new methods, new ideas, new techniques are being added at an amazing rate to man's treasury of knowledge. In the last quarter century, great energizing ideas have

come from scientists across the world, ideas which have changed all our lives, and which can—if put to proper use—feed the hungry, cure the sick, and usher in the long reign of peace. Put to wrong and improper uses, these same ideas can bring upon the world the dark night of silence, misery and despair.

And so these are anxious and unsettled days—days for young men and women who are energetic, vigorous and wise, and who can give expression of our aspirations towards the common good, can meet the threat of incursion by dangerous ideologies, and can lend direction to a world in search of solutions to its problems.

It is the role of a university to interpret to each succeeding generation not only the spirit of the past, but also the image of the present, and a vision of what might one day be. The University of British Columbia has now reached a critical stage in its development, for it is at the point of becoming one of the great places of learning in the world. It had a vigorous, robust, exciting youth, when a handful of men endowed with remarkable foresight and a sense of mission assisted at its birth in 1915 and brought it with difficulty through the lean years of war and depression. The University came of age immediately following the Second World War with the returning veterans, for it grew suddenly to young manhood; and in the manner of all young men it was a little awkward and a little ill-at-ease, but nevertheless full of fierce imagination and splendid courage. It has now come to its middle years, wiser, I hope, and more mature and richer in experience.

I have been privileged to share directly in these last two stages of its growth over eighteen years, and I foresee a most exciting future for the University of British Columbia. Higher education, once the privilege of the few, must and will be extended to every young citizen who has the desire for self-creation and the capabilities to achieve it; and no force, short of the Bomb, can stop that forward march. If to a single young Canadian of this high level of intelligence we deny the right to transform himself by association with good men, good minds, and good ideas; if from a single young Canadian we take the excitement and exhilaration of discovering the beautiful things of this life; if we refuse him the possibility of exploring the mysteries of the physical and spiritual universe, then we have failed in our responsibilities and in some way made our life less productive, less wholesome, less worthwhile. Where the emotional and mental satisfaction of human beings is involved, none of us can give anything less than the best of self—our maximum energy, our maximum attention. In all this world there is nothing more important to any man than to assist the young to remake themselves and the world in which they live.

During my years at the University of British Columbia I have participated directly and I hope with some success in such a process. At the same time, I have drawn from my work the deepest kind of pleasure and personal satisfaction. But no man accomplishes worthy goals without a debt to others, and I come to the end of my presidency as a debtor.

Over the last eighteen years, thousands of persons in this province have assisted me in a great adventure: the building of a major University. And here I am speaking not only of the staff and students at West Point Grey but also of men and women everywhere across British Columbia, and across Canada too, who have encouraged me, who have helped me, who have urged me on. I wish it were possible to pay tribute to each of them fully and in turn.

But, since universities are concerned primarily with the training of young men and women, it is natural that I should think

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See EDUCATION CAN SOLVE

FACULTY ACTIVITIES

President Attends Eastern Meeting

PRESIDENT N. A. M. MacKENZIE attended recent meetings of the Carnegie Foundation for the Advancement of Teaching and Teachers Insurance and Annuity Association in New York City. He is the only Canadian member of the boards of trustees of both organizations.

With DEAN GEOFFREY C. ANDREW he attended meetings of the National Conference of Canadian Universities and Colleges in Ottawa and Canada Council sessions.

During a visit to the Atlantic seaboard, President MacKenzie attended opening ceremonies of the new campus of Memorial University in St. John's, Newfoundland, and visited Prince of Wales College, Prince Edward Island, where he delivered the annual Robertson lecture.

★ ★ ★
BERNARD R. BLISHEN, assistant professor in the department of anthropology and sociology, has been appointed research director for the Royal Commission on health services established by the federal government.

Mr. Blishen has been granted leave of absence to head the research staff of the commission which will investigate and report on existing facilities and future needs of health services in Canada.

★ ★ ★
PROF. RALPH D. JAMES, head of the mathematics department, has been elected president of the Canadian Mathematical Congress. Other members of the department on the council of the congress are PROFESSORS DOUGLAS DERRY and BEN N. MOYLS.

★ ★ ★
C. B. BOURNE of the law faculty has been appointed president of the Canadian branch of the International Law Association.

★ ★ ★
DR. VLADIMIR KRAJINA, department of biology and botany, is on leave of absence and in Honolulu as visiting professor of plant ecology and taxonomy at the University of Hawaii.

★ ★ ★
DR. H. L. STEIN and WILFRED H. AULD of the faculty of education are co-authors of a new textbook entitled "Guidance" which has been accepted as the standard text for guidance courses in B.C. schools. The volume is published by W. J. Gage Ltd. Dr. Stein has been invited to chair a section on educational research at the annual meeting of the American Educational Research Association which meets in February in Atlantic City, New Jersey.

★ ★ ★
W. G. HISLOP, associate professor of civil engineering, was one of two Canadian and 18 American professors to receive Fellowships from the Portland Cement Association to the graduate school at Purdue. The courses offered were in concrete technology, highway economics and planning and pavement design.

★ ★ ★
HAROLD V. LIVERMORE, associate professor of Spanish, has received a Gulbenkian Foundation grant of \$5,420 to spend a year in Portugal.

★ ★ ★
DR. W. C. GIBSON, Kinsmen professor of neurological research, has been elected an associate member of the Physiological Society of Great Britain.

★ ★ ★
DR. H. PETER OBERLANDER, associate professor in charge of community and regional planning, has been appointed by the United Nations Technical Assistance Administration for a short term mission to the government of Trinidad and Tobago. He will advise through the town and regional planning division in the prime minister's office on the establishment of an appropriate planning organization. A \$220,000,000 development program has been set up by the government.

★ ★ ★
DR. MAX HOWELL, school of physical education and recreation, has been named president-elect of the physical education professional organization, the Canadian Association for Health, Physical Education and Recreation, at a convention in Hamilton, Ontario.

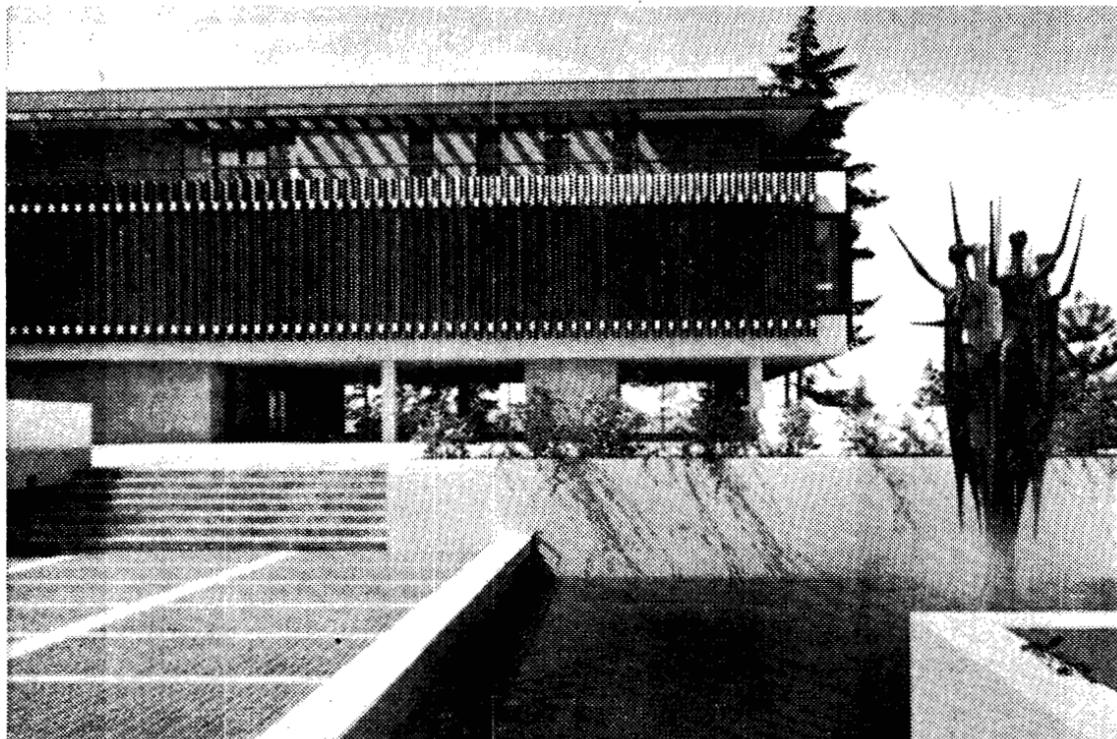
★ ★ ★
W. A. G. VOSS, assistant professor in the department of electrical engineering, has been granted the degree of Ph.D. by the University of London. The degree of Ed.D. has been granted to DONALD C. HAMBLETON, assistant professor in education, by Teachers College, Columbia University.

★ ★ ★
DR. KASPAR D. NAEGELE, of the department of sociology, has been named by the Canadian Nurses' Association to direct a cross-Canada survey of nursing education. The study will attempt to determine how nursing education should be tailored to meet the health needs of Canadian communities.

★ ★ ★
DR. P. G. HADDOCK, of the faculty of forestry, was a forestry consultant for Forestal Forestry and Engineering International Limited during December, and made a general assessment of a current reforestation program in southern Italy. He conferred with foresters in several parts of Italy and with government officials in Rome.

★ ★ ★
DR. J. A. JACOBS, director of the Institute of Earth Sciences, was named a distinguished lecturer by the Canadian Society of Exploration Geophysicists during December and visited 10 centres in the U.S. and Canada on a 14-day lecture tour.

★ ★ ★
GORDON R. SELMAN, assistant director of extension, has been appointed chairman of the B.C. Indian advisory committee.



MASSEY GOLD MEDAL for the best piece of architecture completed in Canada in the past three years has been awarded to the firm of Thompson, Berwick and Pratt, University architects since 1912, for the Thea Koerner graduate center, pictured above. The center, opened this year, was a gift to UBC from Dr. Leon Koerner, and is named for his late wife. A silver medal was awarded to the same firm for the new commons block in the Marine Drive residence development.

EXPAND WORK IN ALL FIELDS

Geophysics Professor Directs New Institute

Establishment of an Institute of Earth Sciences at the University of British Columbia has been announced by UBC's president, Dr. N. A. M. MacKenzie.

The president also announced that Dr. John A. Jacobs, professor of geophysics at UBC, has been appointed director of the Institute which will be affiliated

with the faculty of graduate studies.

The Institute presently has 15 graduate students doing advanced work in the field of geophysics. In the past four years more than \$200,000 has been received by the University for work in this field.

Grants have been received from the Canadian Exploration

Company, the National Research Council, the Defence Research Board, the Geological Survey of Canada, the American Petroleum Institute, the U.S. office of Naval Research, the Petroleum Research Fund and the California Research Corporation.

Dr. Jacobs said the Institute is presently carrying out work in the fields of geomagnetism, which is the study of the earth's magnetic field; nuclear geology, or the determination of the age of rocks and problems relating to the origin of ore bodies; seismology, which is the study of the detection and prediction of earthquakes, and glaciology.

In the latter field teams of UBC scientists have visited the Athabaska glacier on a number of occasions to determine its age and movement.

In the future, work in all these fields will be extended, Dr. Jacobs said.

Dr. Jacobs has been professor of geophysics at UBC since 1957. Born in England, he was educated at the University of London which awarded him the degrees of bachelor and master of arts and doctor of philosophy.

For his contributions to geophysics the University of London this year awarded him the degree of doctor of science.

Before coming to UBC Dr. Jacobs lectured at the University of London and the University of Toronto. He is a member of numerous professional organizations and has published more than 50 papers on geophysics.

Last summer Dr. Jacobs was invited to give two papers at an international symposium on cosmic rays and the Earth storm held at Kyoto, Japan.

On World Tour

Dr. John K. Friesen, director of UBC's extension department, was one of four Canadians named to attend a conference on university adult education in Accra, Ghana, during December and January.

Following the conference Dr. Friesen embarked on a world tour which will take him to several other African and Asian countries.

Three New Collections Added to UBC Museum

Three collections of northwest coast Indian artifacts have been added to the permanent collection of the anthropology museum at the University of British Columbia.

The collections were purchased with funds provided by Dr. H. R. MacMillan, who has made a number of grants to the UBC museum for the enlargement of its permanent collection.

The first collection consists of whaling materials purchased

from families of Nootka Indians on the west coast of Vancouver Island and includes a whaling harpoon in use up to 1850 and rattles, charms and dishes for the whale feast.

The Nootka were famous as whalers and often pursued their quarry for several days far out to sea. They had many rituals and charms for the catching, killing, and towing of the dead whale back to the village where the entire population turned out for a feast.

The second collection consists of carvings in argillite, a black, shale-like substance found only in the Queen Charlotte Islands where it was mined by the Haida Indians and carved into elaborate figures and plates and bowls.

Included in the collection is a carving of a medicine man dressed in ceremonial robes and a carved dish which museum officials say is probably the most elaborate example of its kind in their collection.

The third collection was acquired in London from Mr. David G. Young, whose father and other relatives were at one time surveyors and timber dealers in B.C. The collection was made in B.C. before the turn of the last century and has been in London for more than 60 years.

It includes a Nootka "soul boat" carved from whalebone and used by medicine men in treating illness, a series of painted Haida canoe paddles, and a beautifully-carved Haida food dish.

Three Students Go to Seminar in Poland

Three University of British Columbia students have been named to attend the thirteenth international seminar of the World University Service of Canada in Poland during July and August.

The students are John Curtis, third year arts; Wendy Moir, first year law, and Bill Neilson, first year law.

A total of 40 students from all parts of Canada will take part in the seminar which begins with orientation seminars in Montreal during the last week of June, 1962.

The students will take part in group discussions aboard ship while en route to Rotterdam, Holland. There they will board a train for Poznan, Poland, where introductory lectures lasting four days will take place.

The group will then visit Warsaw and Crakow and take part in a two-week seminar in the university centres of Wroclaw and Poznan. Majority of sessions will be devoted to group discussions led by Canadian and Polish staff members.

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Education Can Solve the World's Problems

first of the generations of students who came of age — emotionally and spiritually — during the time that I was President. I shall always remember them with the deepest pride and affection, for their faces are the faces of friends. I know that wherever I go or whatever I do, I shall continue to meet them. Their youth will make me young again, and their sense of fulfilment will, at least in part, be mine to share. No man could ask for richer rewards.

From the faculty and staff I have received selfless and dedicated service. Some of them I count among my closest personal friends, for universities nourish between human beings a unique comradeship, and my life has been enriched and made the fuller by association with some of Canada's best minds and gentlest of men and women. And to this I would add my respects and thanks to the Board of Governors, both past and present members; they made my task the easier and my life the more agreeable by their wisdom and patient understanding.

My travels throughout British Columbia have taken me to almost every community; from Kitimat to Kamloops, from the Crow's Nest to the Peace, from the Yukon to the United States' border, from Vernon to Victoria, from Naramata to Nelson. I have met and come to know people from every walk of life: merchants, lumbermen, lawyers, teachers, fishermen, miners, farmers, stockmen, and so many others. Many of them are good friends and I am grateful to them for their support and encouragement. There is everywhere in the Province a very real and a very intelligent interest in the growth of the University, and through the years I have been heartened by expressions of goodwill from every side.

A community has not only the right but the duty to criticize the educational programme offered to its sons and daughters, and during my presidency I have been challenged on many a policy and many a decision. This is in every way proper, and I shall always be grateful for your criticisms; we are none of us inflexible and it is only through amiable disagreement and debate that institutions grow, evolve, improve, and become significant.

A great challenge now remains to my successor, Dr. John Macdonald, for it is his responsibility to lead many generations of young British Columbians and others from outside British Columbia through the exciting years that lie ahead.

At the same time, it is his responsibility to attract and hold scholars and students from every part of the world, indeed to make this University a moving force in teaching and research in every field of human enquiry. I think he will accomplish that difficult mission, for he is a young man who has attained distinction in the sciences and he is close to the most recent developments in the general field of higher education. I would like to welcome Dr. Macdonald to the University and offer him my warmest wishes for his happiness and success.

I am delighted that one of my oldest and closest friends will be associated with Dr. Macdonald on the Board of Governors. Our new Chancellor, Mrs. Phyllis Ross, has

been a member of the Board for the last four years, and her contribution to the work of the University has been of great value, and I have personally benefited by her knowledge and understanding of universities and the principles for which they stand. A distinguished graduate of this University, Mrs. Ross had a noteworthy career as an economist, and at the end of the Second World War she held the position of chief reserve economist to the Canadian Tariff Board and the Dominion Trade and Industry Commission. She has been twice honoured by the University of British Columbia, having been awarded an honorary doctorate by the Senate and the Great Trekker Award by the students in 1954. As Chatelaine of Government House in Victoria, Mrs. Ross revealed to every citizen of the Province her warmth, her affection for human beings, her deep interest in the life and progress of the Province in all its varied and many-sided aspects. The University is indeed fortunate to have so distinguished and so gracious a lady as its new Chancellor. I congratulate Mrs. Ross on her election and on behalf of the whole University community I wish her success and happiness in her Chancellorship.

At the same time I wish to pay a personal tribute to Ann Angus, who was the other candidate for Chancellor in the recent election. She too is a close personal friend. Mrs. Angus has been associated with the life and work of this University for nearly forty-two years: as an honours student in English, as a member of the Senate, as the wife of Dr. Henry Angus who, until his retirement, was head of the Department of Economics and Political Science and Dean of Graduate Studies. Ann Angus has had a particular and continuing interest in every aspect of education and many of you will recall her valuable work over the years on the Vancouver School Board, of which she was chairman. I know that we will always be able to count upon her sound advice and counsel, for her affection for this University community is abiding and her interest in its progress and welfare is real and significant.

It is difficult for me to say everything that I can or would like to say in the course of this broadcast. May I leave you with this single thought. The benefits of education, extended to as many of the people of this world as possible, alone can solve the grave issues which now confront us on every hand, nationally and internationally, politically and socially. Men who are enlightened, men who are tolerant, men who possess wisdom will never resort to war as a solution to their problem. I continue to believe that all human problems, no matter how complex or intricate they may be, can be solved by intelligence, mutual understanding and goodwill. I believe it is possible, through a process of education, to assist young nations to find maturity, to bring accord between the great powers, to drive out fear and want and poverty.

But if such goals are to be attained, then we must, all of us, be prepared to make the material sacrifice which will enable the young men and women who follow us to reach the limits of their mental capacities and so make their own very personal contribution to their community, their nation, and the world at large.

SCHOLARSHIPS AND LOANS

Students Benefit from Bequests to University

The late Charles A. Banks, former lieutenant-governor of B.C. has left more than \$1,000,000 for the establishment of a foundation to provide scholarships for "worthy and deserving students in science or engineering."

The bequest to the University will be used to establish the Charles A. and Jane C. A. Banks Foundation.

Mr. Banks, who died September 28, 1961, specified in his will that the money is to be invested with

half the income going for scholarships in the science or engineering.

The remaining half will be used to establish a student loan fund for "worthy and deserving students in any faculty."

Dean Walter Geare, chairman of the UBC awards committee, said he was delighted with the bequest. "Mr. and Mrs. Banks," he added, "have been generous friends of the University in the past and this is further evidence of their concern for the education of deserving young men and women."

Law students in need of financial assistance will benefit as the result of bequests in the will of the late Mrs. Diana Ogilvy Irving, who died August 28, 1961, leaving an estate of \$233,000.

Mrs. Irving, a former writer for the Vancouver Province, willed the bulk of her estate to the University for the establishment of the "Diana and P.A. Irving Scholarship Trust Fund."

The UBC fund will be based on the residue of the estate.

In her will, Mrs. Ogilvy stated that it was her desire to advance the cause of higher education in B.C., and in particular to increase the prestige of the UBC law faculty.

She will direct that assistance to law students be made in the form of \$1,000 annual scholarships. She stressed that they must be needy and deserving students of promise.

Bulk of the estate of Mrs. Florence Evalina Heighway, who died Aug. 20, 1961, has been left to the University of B.C. and the Canadian Arthritis and Rheumatism Society.

UBC will receive half of the \$260,000 estate as a grant for medical training.

NEW DEGREES

Continued from page one

and labour law.

The master of science in psychiatry degree will have a dual purpose, according to Dr. James Tyhurst, head of the department of psychiatry.

The program will train non-medical graduates for psychiatric research in the increasingly-important area of mental health and will provide the opportunity for medical graduates to specialize in the field of psychiatry.

The president also announced that the Senate has approved the offering of an honours bachelor program in the school of home economics.

Miss Charlotte Black, director of the home economics school, said an additional year would be added to the present program for the honours degree.

Requirements for the honours program will include additional science and other courses and will allow a broader selection of courses along the line of the student's interest.



GORDON THOM
... alumni appointment

Association Appoints Assistant

Gordon A. Thom, a commerce graduate of the University of British Columbia, has been appointed assistant director of the UBC Alumni Association.

Mr. Thom assumed his duties as assistant director on January 1, 1962.

Mr. Thom succeeds Tim Hollick-Kenyon, recently appointed director of the Alumni Association. Mr. Thom will be responsible for the work of Alumni divisions, annual events and programs devoted to support of the University.

Mr. Thom graduated from UBC with a bachelor of commerce degree in 1956 and was employed by Imperial Oil.

While employed by Imperial Oil he was granted leave to study at the University of Maryland where he received the degree of master of business administration in 1958.

Mr. Thom has been active in alumni affairs as a member of the commerce division. He was chairman of the division's graduate placement and graduate seminar committees.

The UBC Alumni Society in Great Britain has merged with the Canadian Universities Society of the United Kingdom.

The CUS exists to help all Canadian graduates and students living in Britain and arranges formal and informal social functions and is active in promoting the "Canadian scholar at Cambridge" scheme which will provide a permanent scholarship equivalent to the Rhodes Scholarship at Oxford.

A place at Peterhouse, the oldest of the Cambridge colleges, has already been reserved for this purpose.

UBC graduates or students interested in contacting the CUS while in England should write to Mrs. R. M. Stretton, 46 Ferry Road, Barnes, S. W. 13, London, England.

Where are These Grads Living Now?

The graduates whose names appear below have neglected to inform the University of changes of address.

Do you know the whereabouts of any of them? If you do, fill in the coupon at the bottom of this page and mail it to the Information Office, UBC, Vancouver 8, B.C.

Mrs. J. W. Kennedy (Margaret C. Irvine), BA30; Shirley Noreen C. Irvine, BA48; Wm. C. Kenned, BA42; Patricia M. L. Kennett, BA49; Margaret Patricia Kerr, BA34; Mrs. Anne H. Keyes (Semak) BA49.

George Roy Lowe, BA38; Jean Agnes Lowrance, BA34; Claribel Lagnsdin, BA31; Constance L. B. Lynch, BSA45 (Constance L. B. Still); Harold E. Lyons, BA38; Robt. Harvey Lyons, BASc39.

John Mackend, BA48; David Anthony Mackie, BCom48; Mervyn F. Madill, BA50; Fred Hiroshi Maikawa, BA29.

Robt. A. Malcolm, BASc49; Mrs. John H. Manley, BA28, (Kathleen P. Baird); Berl Marantz, BASc49; Jean E. Margolis, BA31; Wm. J. G. Martin, LLB48; Rosetta Martindale, BA37; Laurence R. Masters, BSA45.

Glenn F. Matthews, BASc46; John C. Maxwell, BSA 42; Molly Meighen, BA41; Margaret E. Menzies, BA48; Richard T. Merrick, BCom48; Delbert J. Miller, BA49; Mrs. Gertrude E. Miller, BA41; John E. Millman, BA53; Morton Mitchner, BA47, MA48; Leslie L. Mock, BA48.

Dorothea Monkman, BA42; Gerald Donald Moore, BA51; Joan Ida Moore, BA48; John Henry More, BCom52; John George Morgan, BA31, MA34; Arthur Morris, BA47, MA48; Joseph Lee Morrison, BCom43; Mary R. Morriss, BA27; Norman Alan Morton, BASc41; Stirling Morton, BA50; Max Everett Moss, BA41; Mrs. R. J. F. Moss, BA33, (Celia F. Lucas).

George Howard Mossop, BA35, MA37; Georgina R. Mulholland, BA31; Wm. Horace Muncy, BA40; Mrs. E. Bernice Murray (Young), BA48; James Alex McAllister, BA 43; Henry John McCabe, BA39; David Frederick McColl, BA50; Douglas Hugh McDonald, BA51.

Hector James MacDonald, BA51; Ross Mac Donald, BASc51; F O James R. MacDonald, BA50; Jean Graeme McDonald, BCom50; Angus J. P. McDougall, BASc50; Neil A. MacDougall, BASc50; Thomas G. MacFarlane, BA47; Donald John McGreggor, BASc40; Florence G. McGuiness, BA49, BSW50; Wm. John McIntyre, BA39.

Donald Hugh McKay, BASc50; Katherine McKay, MA23; Margaret McKay, BA34; Mrs. Wm. D. McKay, (Margaret W. Hubbs), BA33; Janet H. McKellar, BA39; Bruce James McKendrick, BCom 46; Murray Everett McKenney, BASc50; Ian MacD. MacKenzie, BCom49; James Conrad MacKenzie, BA45.

Eliz. Anne McKinnon, BA39; Dorothy Eva McLaren, BA34; Catherine A. McLeod, BA36; Donald Thomas McLeod, BCom46; Margaret Phillips McLeod, BA32.

UBC Seeks Volunteers for Service Overseas

UBC's committee on student service overseas is recruiting eight graduates for service in Ghana and the British crown colonies of Sarawak and Fiji.

At present, two graduate home economists, Judy Foote and Jocelyn King, are in Ghana under the auspices of UBC and Volunteers for International Development, an American organization, taking part in a rural education program for women.

The committee is currently recruiting two engineers for Ghana, four teachers for Sarawak and two agricultural technicians for Fiji. All applicants must be male bachelors and hold a university degree.

Dr. Cyril Belshaw, chairman of the UBC committee, said financial support is being sought from individuals and organizations to pay transportation and supplementary costs.

He said UBC hopes to recruit 20 graduates locally for service overseas. The national organization Canadian University Overseas Service has set an objective of 100 graduates from all Canada.

Two UBC graduates have been recruited at the request of the Canadian high commissioner in Ghana to teach at Achimota grammar school near Accra.

The school, where Ghana's President Kwame Nkrumah was educated, appealed to UBC through the commissioner in December. The graduates recruited are Graeme Balcom, BASc57 and Lorne R. Lane, BS61.

Rhodes Scholar

Stuart Robson, a fourth year honours history student, has been named Rhodes Scholar for 1962 by a selection committee chaired by Major-General The Honourable George R. Pearkes, lieutenant-governor of B.C.

The scholarship will take Robson to Oxford University for two years starting next October. The award is worth about \$2,000 annually.

A graduate of Lord Byng high school where he was president of the student council and active in sports, Robson has received only one award previously - a \$50 prize from Lord Byng.

At UBC Robson has been active on the Men's Athletic Association, the UBC World University Service committee and the President's committee on student service overseas.

A first class student, Robson hopes to teach after attending Oxford.

Institute Names Last Speakers

Dr. Ralph W. Tyler, director of the Centre for Advanced Studies in the Behavioural Sciences at Palo Alto, California, is one of six speakers remaining in the 1962 lecture series of the Vancouver Institute.

Dr. Tyler will address the Institute in the UBC auditorium on March 3 at 8:15 p.m. as part of Canadian Education Week.

Complete list of remaining lectures is as follows:

Feb. 10 - Walter Gordon, Toronto chartered accountant and former royal commissioner, on "Canada's economic prospects."

Feb. 17 - Nicholas Goldschmidt, Vancouver International Festival artistic director, on "A musician's visit to Communist China."

Feb. 24 - Prof. George Volkoif, head, UBC physics dept., on "Nuclear magnetic relaxation."

March 3 - Dr. Ralph Tyler.

March 10 - Dr. Alvin Weinberg, director, Oakridge National Laboratory, on "Scientific organization - its impact on contemporary Society."

March 17 - Prof. W. L. Holland, head, UBC Asian studies dept., on "Modernization and tradition - the clash in Asia."

Former Dean Special Lecturer

Dr. J. Miles Gibson, former dean of the faculty of forestry at the University of New Brunswick, has been appointed a special lecturer at the University of British Columbia.

Dr. Gibson, who retired in 1961, will lecture on forest policy and administration in UBC's faculty of forestry during the second term.

Before joining the University of New Brunswick as a professor of forestry in 1929 Dr. Gibson was a member of the B.C. forest service. He was named dean of forestry at UNB in 1948.

Dr. Gibson prepared several reports on forest problems in B.C. for the Vancouver Foundation in 1955.

Please correct your address below if necessary.

Mrs. H. W. Fowler,
4580 W. 1st Ave.,
Vancouver 8, B. C.

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University of B.C., Vancouver 8, B.C.

Do you know any of the graduates named above? Please list below:

Name _____

Address _____

Name _____

Address _____