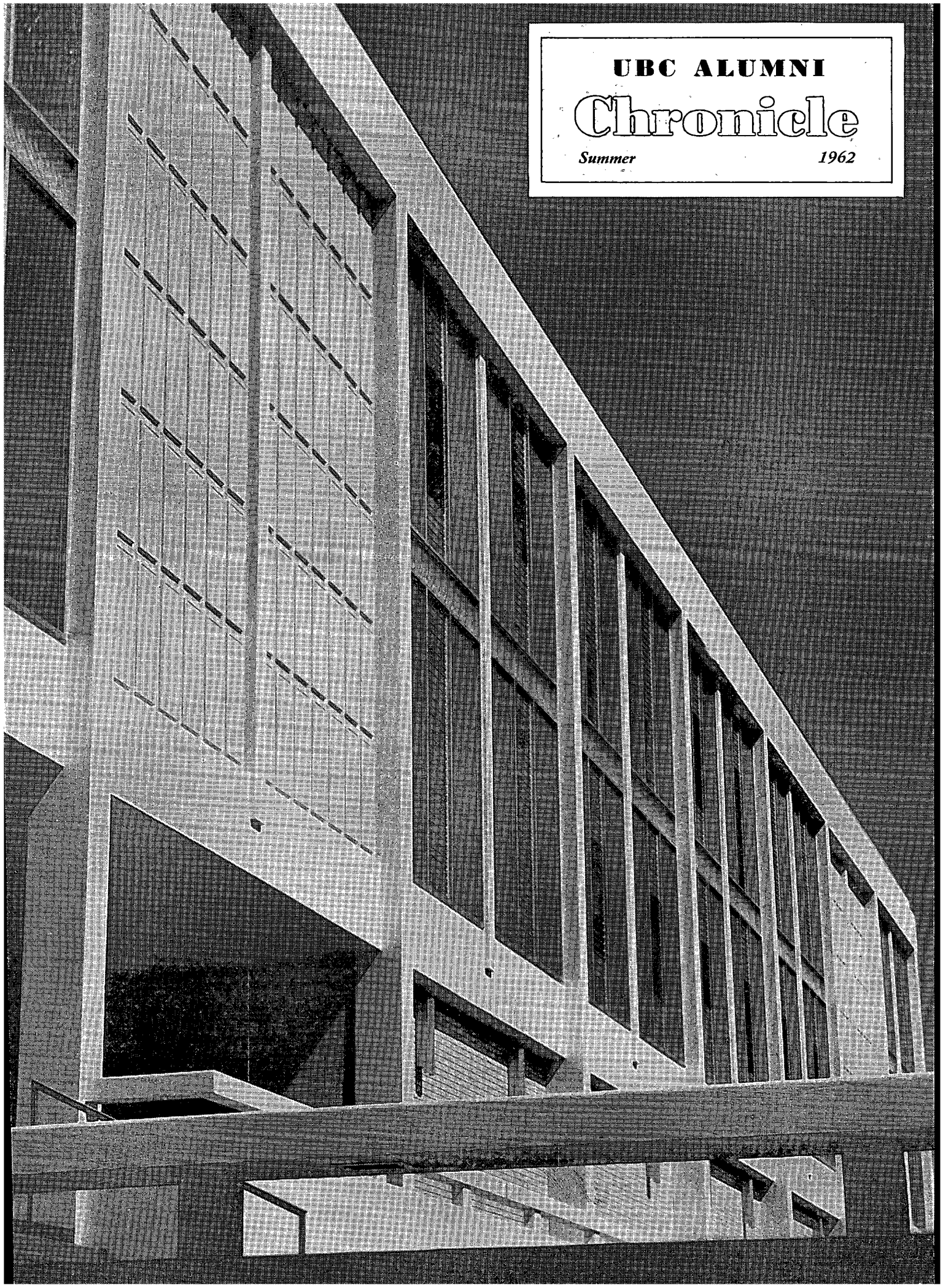


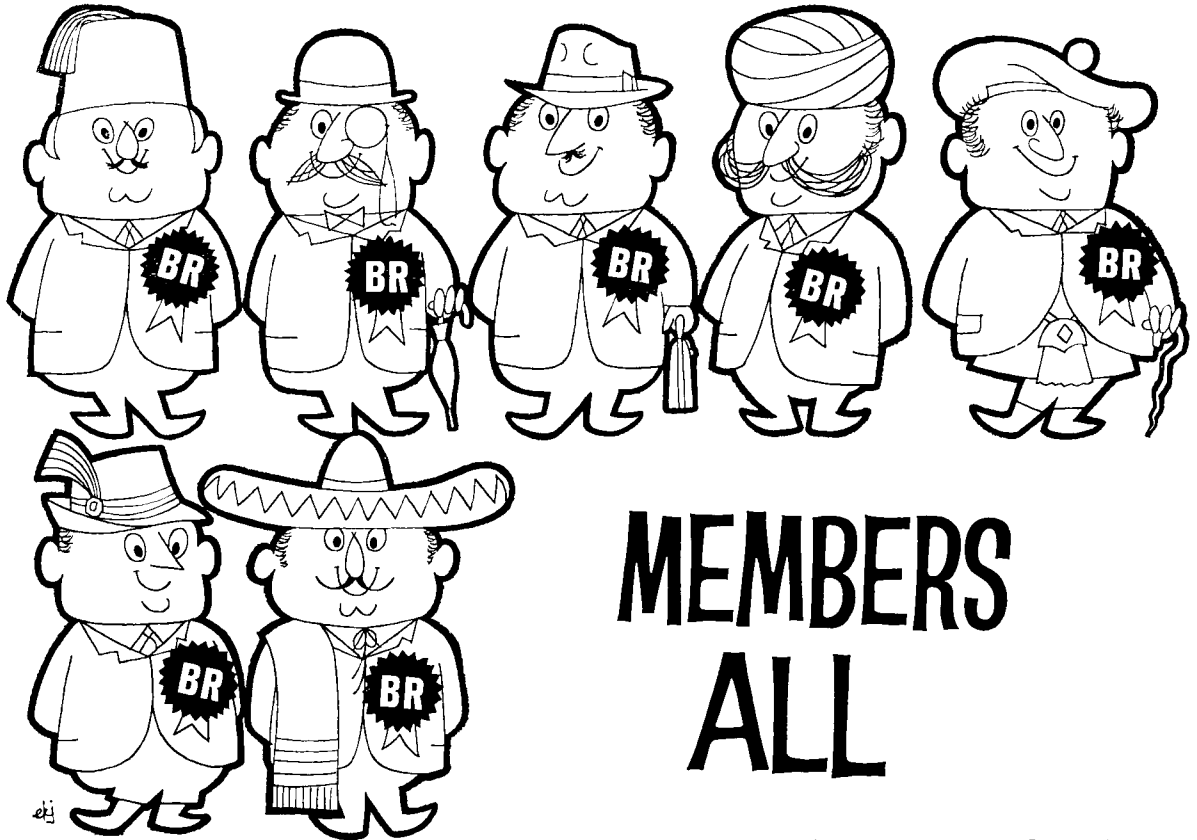
UBC ALUMNI

Chronicle

Summer

1962





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U.B.C. ALUMNI CHRONICLE

Volume 16, No. 2 — Summer, 1962

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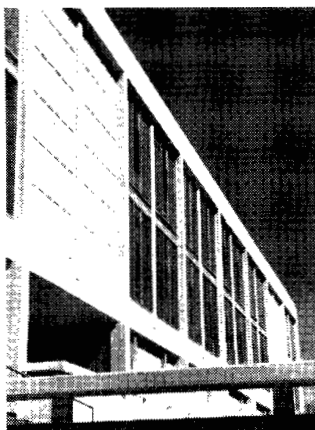
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SOUTH FACADE OF NEW FREDERIC LASSERRE BUILDING OPENED MAY 29. ALREADY POPULARLY KNOWN AS FINE ARTS BUILDING IT ALSO HOUSES ARCHITECTURE AND PLANNING. THE SITE IS PART OF THE OLD PARKING AREA ACROSS THE ROAD FROM THE ADMINISTRATION BUILDING.

BARRY DOWNS, A PARTNER IN THE FIRM OF THOMPSON, BERWICK AND PRATT, THE UNIVERSITY ARCHITECTS, TOOK THIS PICTURE AND THE TWO ON PAGE 14.

RECEPTION

Dr. Norman A. M. MacKenzie will be honored by the Alumni Association at an informal outdoor reception on Saturday, June 23, at 2.30 on the Buchanan building plaza, University of British Columbia

Alumni, friends and children are cordially invited

Parking lot restrictions have been lifted.

If it rains the reception will be in Brock Hall.

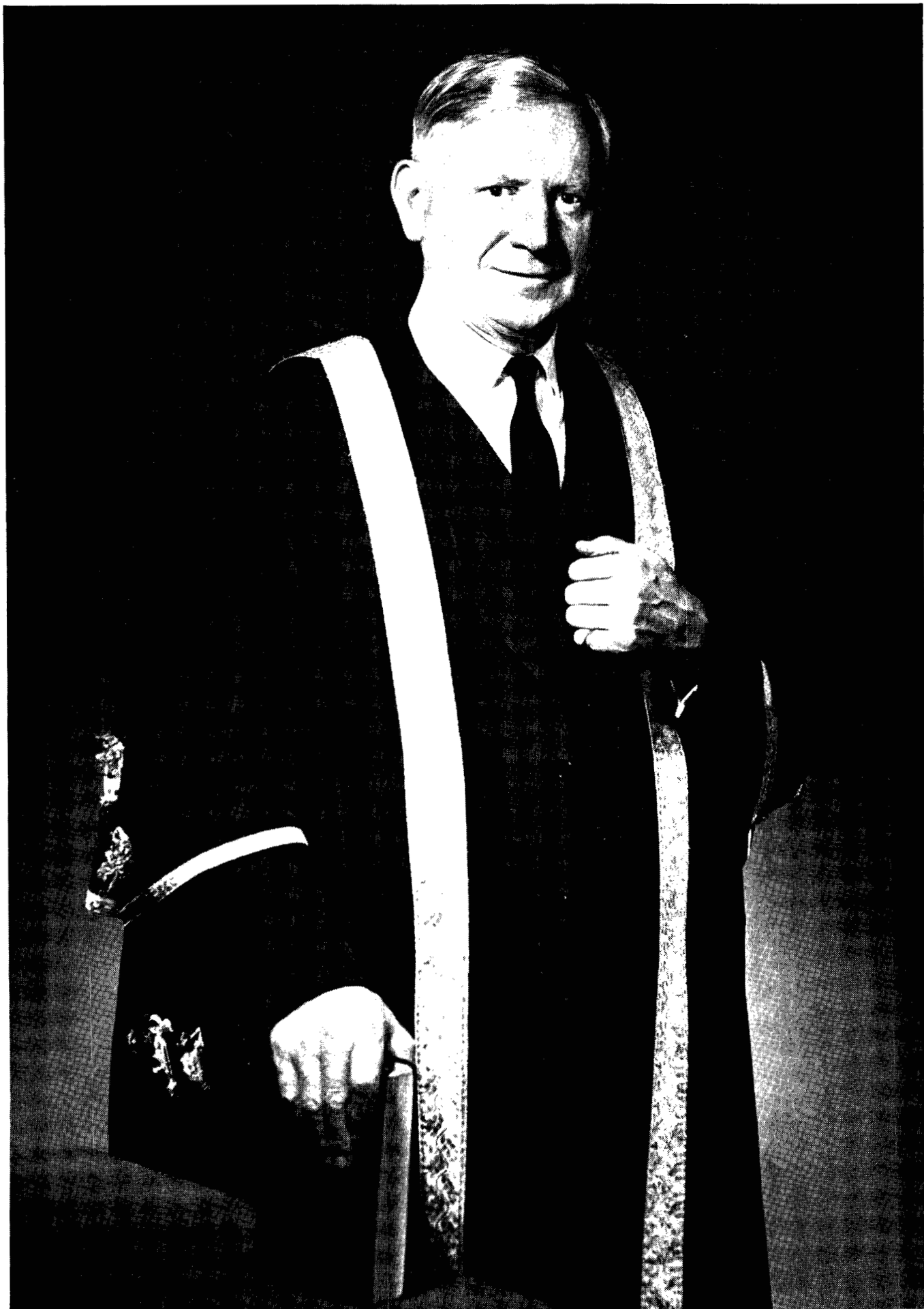
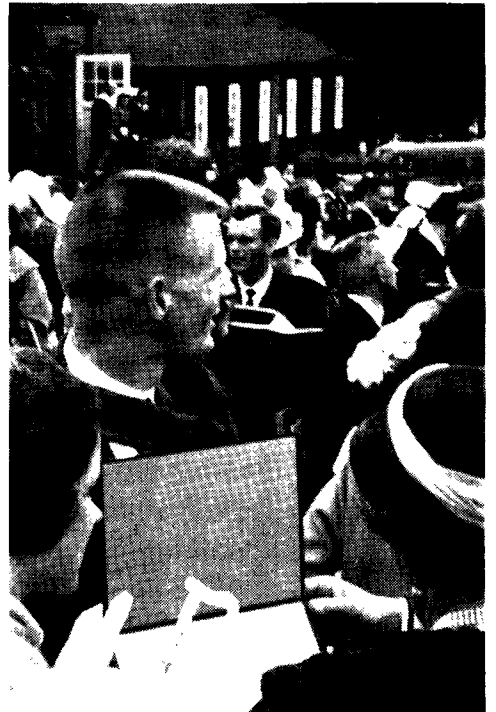


Photo by F. S. Schiffer F.R.P.S.



*Over 1400 students graduated
this Spring. On each day
there were about 500 who
received their degrees in person*

Spring Congregation 1962



Candid Camera Shots
by Don Hume
Ubysey Photo Editor



The President and the Chancellor with two representatives of sister universities here to attend the installation of the Chancellor, Dr. Phyllis Ross, which took place May 24. Dr. MacKenzie, the retiring President, received an honorary degree on May 25. He addressed Congregation on both days

My Farewell and my Summing-up

"EVERYTHING I SAY," the President stated at the outset of his speech to Congregation on May 24, "will be said with the interests of the University of British Columbia and of Canada at heart and not with the intention of embarrassing anyone or of creating controversy." What follows are excerpts from his address.

He spoke of the need for emphasis on the humanities and social sciences in a world increasingly permeated by the scientific spirit and the controls of technology. Good education will "enlarge and inform, stimulate and discipline the intellects and the personalities of individuals."

Increase in Number of Students

"The number of those applying for higher education in British Columbia by 1970 will almost certainly be over 30,000." The problem is "almost insuperable" of providing buildings, teachers and research facilities for such numbers; "this in large part because the public and governments have not yet become aware of the importance, the nature and the magnitude of the problems which we in education face."

"Personally I am not in favour of . . . admitting young people to our universities and colleges if they are not . . . likely to benefit . . . but I would rather err on the side of generosity than deprive young men and women of the opportunity for self-development and for making their maximum contribution to society and to their fellow-men."

On Decentralization

"The prospective increase in student enrolment leads naturally to a consideration of the size of universities and colleges and the values and virtues of centralization versus decentralization . . . it does seem to me that the utmost in-

telligence and economy must be used if we are to achieve the best results.

"For me this means that at the present time we should have, as we now have, one major university adjacent to the greatest concentration of population, and that [it] should be assigned the responsibility for most of the professional schools and faculties and most of the expensive and high level graduate work, particularly in the sciences and applied sciences . . . It would be . . . wasteful expenditure of public and private funds if we were to duplicate these . . . in . . . the Province. This is not true of undergraduate work or of appropriate levels of graduate work in the liberal arts, sciences and social sciences, in Education and possibly in Commerce."

President MacKenzie proposed ways to relieve concentration of students on the Point Grey campus in the years ahead.

1. Development of Victoria College. "I sincerely hope Victoria College will continue to grow and develop and among other things will concentrate on striving to become what they could become without too much effort and cost, the best 'liberal arts college' in Canada."

2. Establishment of new "community" institutions which "at the outset . . . should give only the first two years of university work in . . . the liberal arts, humanities and social sciences . . . If their students are to receive credit at this university for the work they have done, then the University should supervise this work and in the final analysis approve of it. None of this would be too difficult to achieve if we really wanted to do so."

High Schools and University

"I hope that the University and the Department of Education may, in consultation with the high schools, consider

how more can be done in the high schools to enable students to come with a better and fuller background to the University."

Location of New Institutions

"Because of the concentration of population in the Greater Vancouver and Lower Mainland areas, I suggest that a college giving the first two years of university work located in Burnaby might be more easily organized and administered than in any other part of the province and serve a much larger and more populous constituency than would be possible anywhere else. But, for practical and political reasons, if this were done I think it would be necessary to proceed with the development of institutions in other areas, and I would suggest another in the Fraser Valley, perhaps at Abbotsford; one in the Okanagan, probably at Kelowna because of its situation in the centre of that valley; another in the Kootenays, probably at Nelson; and one to serve the central and northern areas of the province at Prince George."

Denominational Colleges

"My suggestion of Nelson and Prince George raises the question of denominational colleges and the recognition they should receive and what public financial support, if any, they should get . . . Ontario seems to have solved this problem in part by insisting that in order to qualify for provincial monies denominations must join together in co-operation with secular groups and under a lay Board work out the practical development of their educational facilities."

Ed. Note: The full text of the President's two addresses to Spring Congregation will be printed in the *President's Report, 1961-1962*.



Dr. Ranz

James Ranz Succeeds Neal Harlow as Librarian

Dr. James Ranz, director of libraries at the University of Wyoming, has been appointed librarian at U.B.C.

Dr. Ranz succeeds Neal Harlow, who resigned as U.B.C.'s librarian in June, 1961, to become head of the library school at Rutgers University, New Jersey. Dr. Samuel Rothstein, head of U.B.C.'s school of librarianship, has been acting librarian in the interim.

Dr. Ranz brings to his new position an impressive background of academic studies and professional experience. He holds degrees from three universities, including an MA from the University of Michigan and a PhD from the University of Illinois.

His professional career covers service at the University of Illinois Library, the University of Virginia Library and the University of Wyoming, where he has been director of libraries since 1955.

Dr. Ranz is the former president of the Wyoming Library Association, president-elect of the Mountain Plains Library Association and is currently a councillor of the American Library Association and chairman of the executive committee of the Bibliographical Center for Research in Denver. He is the author of a number of publications on library subjects.

As librarian, Dr. Ranz will assume responsibility for the largest research library west of Toronto. The library now has over 500,000 volumes and serves more students than any other university library in Canada. In certain subjects such as Slavonic studies, fisheries, forestry, Asian studies, and Canadiana its holdings rank among the finest in the country.

Dr. Ranz is forty years old. He is married and has three children. He took office June 1, 1962.

Architecture Head Appointed

Professor Henry Elder of Cornell University, Ithaca, New York, has been appointed director of the University's school of architecture. He assumed his duties June 10.

Professor Elder, who is director of graduate studies in architecture at Cornell, succeeds Professor Frederic Lasserre, who was director of U.B.C.'s school of architecture from 1946 to April, 1961, when he was killed in a climbing accident in the Lake District of England.

Professor Elder is a native of Salford, Lancashire, England, and was educated at the school of architecture, Manchester University, the Manchester College of Technology and the Royal Technical College in Salford, England. He is a fellow of the Royal Institute of British Architects and the International Institute of Arts and Letters.

From 1933 until 1955, when he came to the United States, Professor Elder combined a teaching career with the practice of architecture. From 1933 to 1943 he was a partner in the firm of Roberts, Wood and Elder in Manchester and from 1950 to 1956 was senior partner in the London firm of Elder and De Pierro. From 1933 to 1950 he lectured at the Manchester University College of Technology, the Royal Technical College, Salford, and the Regional College of Art, Manchester. From 1950 to 1952 he was associated with the Architectural Association School of Architecture in London as head of the "final school"—the fourth and fifth year programme. He was



Professor Elder

appointed vice-principal of the Hammer-smith School of Building and Arts and Crafts in 1954.

In 1955 Professor Elder went to Cornell as visiting critic in the College of Architecture. The following year he was appointed a professor of architecture and lectured on architectural design and the philosophy of architecture. In 1958 he was appointed professor in charge of graduate studies in architecture.

During World War II he carried out research into effectiveness of weapons and was a member of the 1945 British mission to Japan to examine the effects of the atomic bombs on Hiroshima and Nagasaki. For his work during the war he was awarded membership in the Most Excellent Order of the British Empire (M.B.E.).

At Cornell Professor Elder has been a member of the library board, chairman of faculty committees on the Festival of the Contemporary Arts and student affairs, a member of the family committee on international affairs, the Cornell fellowship committee and the board of the Cornell United Religious Work.

Fund now reaching over \$60,000

Dal Grauer Memorial Fund

A GROUP OF PERSONAL FRIENDS of the late A. E. Grauer, chancellor of the University of British Columbia from 1957 to 1962, have established an endowment fund to honor his memory. At their request Dr. Norman A. M. MacKenzie has written to a number of friends and associates inviting their participation.

The response has been most encouraging and the fund is now approaching the \$60,000 mark, including a gift of \$25,000 from Mrs. Grauer and her family.

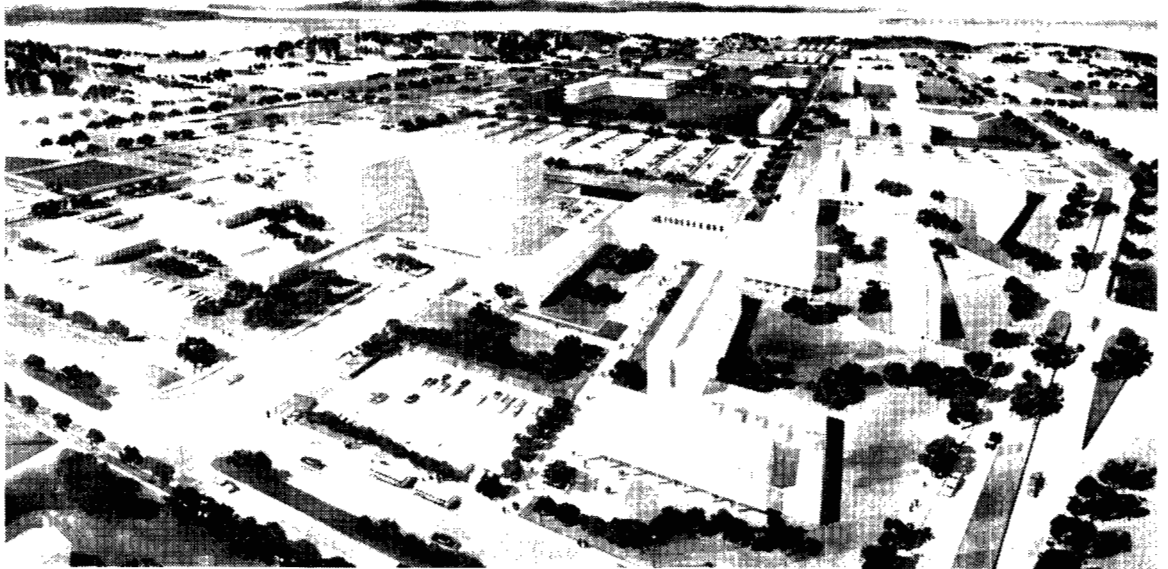
It is proposed to use the income from the endowment for some special purpose

within the general area of the Social Sciences, the Humanities and Fine Arts, in all of which Dr. Grauer had a personal interest.

Among possibilities are the endowment of a chair or professorship, since Dal was always interested in good teaching; the occasional distinguished lectureship; or the establishment of a Dal Grauer collection in the library.

Alumni and friends who wish to participate may do so by sending their contributions to Dr. MacKenzie marked "Dal Grauer Memorial Fund."

*Projected
Health
Sciences Centre
University
Boulevard
on right of
picture*



Senator McKeen leads Hospital Founding Committee

PLANS for a 410 bed teaching and research hospital on the U.B.C. campus are being developed by the Board of Governors and the Faculty of Medicine following a recent announcement that the provincial government has approved the project.

A University hospital founding committee has been established with Senator the Hon. S. S. McKeen as chairman and Walter C. Koerner, Fred B. Brown, Mark Collins, Harold S. Foley, Frank M. McMahon and Dr. J. F. McCreary as vice-chairmen.

The Lieutenant - Governor of British Columbia, the Hon. George R. Pearkes, V.C., is patron and Dr. Phyllis G. Ross, C.B.E., chancellor of the University, is honorary chairman. Honorary vice-chairmen include Hon. W. A. C. Bennett, Hon. Howard C. Green, Hon. Eric Martin, Hon. Frank M. Ross, C.M.G., Dr. Norman A. M. MacKenzie, C.M.G., Mrs. E. W. Hamber, P. A. Woodward and Hon. Clarence Wallace, C.B.E.

A strong committee of leading British Columbia business and professional men has been named by Senator McKeen and there is an outstanding ladies' committee headed by Mrs. Austin C. Taylor.

The estimated cost of the teaching and research hospital will be \$16,000,000. The provincial government, through B.C.H.I.S. grants, will contribute half of the total and the federal government through health grants another fifteen percent. This leaves a balance of 35 percent—or approximately \$5,500,000—to be raised by the University.

The founding committee hopes that a number of British Columbia families, individuals and societies will be interested in establishing memorials in the University hospital. The committee is therefore seeking support for such major memorials as entire hospital floors, teaching and research departments and smaller units.

Dr. McCreary, dean of the Faculty of Medicine, made a tour of the Okanagan recently speaking to service clubs and alumni groups, as well as to doctors, on the progress of the Faculty since its inception eleven years ago. He visited Kamloops, Vernon, Kelowna, Penticton and Chilliwack on the tour.

In his addresses he developed the concept of the health sciences team which includes not only the doctor and the nurse but the pharmacist, the physiotherapist, the clinical psychologist, etc. Working together in the Health Sciences Centre, of which the University hospital will be the core, they will produce the first truly team effort in health education.

Dr. McCreary reported that 240 U.B.C. medical graduates are now practising in B.C. and that others will be returning when they complete post-graduate and specialist training at other centres. U.B.C. now ranks third in medical research among the twelve medical schools of Canada, with McGill and Toronto leading the way.

"We hope that we will be able to open the doors of the University Hospital in 1967 as a feature of Canada's centennial," he said. "We have spent three years planning and studying and are ready now to build the best teaching and research hospital on this continent."

Eye Research Unit at UBC

DR. LEON KOERNER and the B.C. division of the Canadian National Institute for the Blind have each contributed \$25,000 for construction costs to develop an eye research unit in the U.B.C. Faculty of Medicine at the Vancouver General Hospital.

Some \$20,000 is also available this year for apparatus, technical equipment, and payment of personnel from two National Health Research grants.

The unit, which will initially study glaucoma and retinal diseases, will be housed in a building at the northeast corner of 10th and Willow street.

Dr. John F. McCreary, dean of the Faculty of Medicine, said most of the larger metropolitan communities in Canada, the United States and Great Britain had developed special ophthalmic diagnostic centres which have been of great value in the diagnosis and evaluation of treatment of certain eye diseases.

Glaucoma is the commonest cause of blindness in Canada and is becoming an important public health problem in that

it is more common than diabetes in the population over 40 years of age.

Glaucoma destroys the seeing parts of the eye as a result of increasing pressure within the eye. The disease can be checked if it is detected early.

The new eye unit will be used as a referral centre for indigent eye clinic patients and from private eye doctors for consultation purposes.

The unit will be equipped with a Glaucoma Tonography Laboratory for the measurement of fluid pressure in the eye by electronic equipment. The Peter Larkin Foundation of Toronto contributed \$5,000 for the laboratory which is already in operation in the Faculty of Medicine building at the VGH.

Captain M. C. Robinson, national director for the CNIB in Western Canada, said there has been no such special eye centre in Vancouver to date, and it is hoped that the new unit will prove of tremendous value to the local community and the country at large.



Len Wood of Armstrong standing with Hon. F. M. Ross at opening of beef cattle laboratory. Mr. Wood is a well known Hereford breeder. Mr Ross when he owned Douglas Lake ranch also bred Herefords

Agriculture's

Opening of beef-cattle lab marks new era

ON SATURDAY, MAY 5, the new beef cattle laboratory of the Faculty of Agriculture, made available through the generosity of Canada Packers Ltd., the B.C. Beef Cattlemen's Association and the estate of the late Col. Victor Spencer, was officially opened. The occasion was an informal gathering of representatives of the agricultural industry who had come to take part in a simple ceremony which marked the beginning of a new era for the Faculty.

In his opening remarks Dean Blythe Eagles made reference to the significance of the event and welcomed the distinguished guests who had come from various parts of the province to take part in the ceremony. He paid particular tribute to Dr. Lawrence Guichon, honorary president of the B.C. Beef Cattle Growers' Association, the holder of an honorary Doctor of Science degree from the University and a pioneer stockman and rancher. Mr. Gerard Guichon, president of the B.C. Beef Cattle Growers' Association and Mr. William Martin, president of the B.C. Federation of Agriculture, expressed the interest and satisfaction of their respective organizations in the provision of this modern facility for a teaching and research programme with beef cattle.

In the unavoidable absence of the Hon. Mr. Frank Richter, minister of agricul-

ture, Mr. Wm. MacGillivray, deputy minister extended the best wishes of the B.C. department of agriculture and made reference to the work which has been carried on by the Faculty with beef cattle and the impact this work has already had on the agriculture industry of the province.

The building was officially presented to the University by Mr. Fred Chalmers, director of operations, Western Canada, and manager of the Edmonton plant of Canada Packers Ltd. In accepting the building, Dr. Phyllis Ross, Chancellor of the University, expressed the appreciation of the Board of Governors to those who had so generously contributed to the construction and equipping of the building and of the genuine interest taken by the industry in its endeavours to assure the provision of modern facilities for the teaching and research needs of the Faculty.

President MacKenzie outlined the obligations and responsibilities of the Faculty of Agriculture within the University and paid particular tribute to the accomplishments of its staff in work with beef cattle.

Those in attendance then partook of a beef barbecue lunch following which Dr. A. J. Wood outlined the nature and purpose of the building and described the experimental work which is at present under way.

talgia—with virgin land, new buildings and the relocation of certain of the ancillary buildings, many of which have served the Faculty and the University since they were built following World War I with funds made available from the Soldiers' Civil Re-establishment and the Soldiers' Settlement Boards.

Present plans call for a three year development programme envisaging modern, fully automated field and ancillary units for the divisions of animal and plant science and the department of poultry science consolidated on approximately 50 acres of land which will serve the outdoor teaching and research needs of the Faculty on campus. These facilities are required to supplement the basic classroom, laboratory and office requirements of the Faculty which will be located in the Agriculture-Forestry Complex to be built immediately south of the B.C. Research Council. They will include field areas, greenhouses and modern outdoor laboratories for all departments within the Faculty, and when completed will give the Faculty a physical environment adequate to meet the requirements of its undergraduate and graduate teaching and research programmes.

In addition to the on-campus requirements, certain of the teaching and research needs of the Faculty will be provided for at off-campus locations. The Faculty has already moved the University Holstein herd and a considerable portion of its Ayrshires to the University Farm at Oyster River on Vancouver Island, on which a Shorthorn herd is also maintained. The division of plant science has moved its elite seed work carried out in co-operation with the provincial department of agriculture to Oyster River. Various research projects of a developmental nature are also under way and five undergraduate students are at present engaged there as operational and research assistants.

The Faculty has arrangements with the staffs of the various stations and experimental farms of the Canada department of agriculture located throughout the province for the exchanging of research information and the employment and instruction of students during the summer months. Discussions have been pro-

The Faculty of Agriculture moves again

The new beef cattle laboratory is modern in all respects and initiates a forward-looking programme to be established and followed by the Faculty of Agriculture. Its opening marks the first step in the migration of the outdoor

laboratories and ancillary buildings in a southerly direction to make land available to the University for the expansion of various departments of other faculties. The old fields of yesteryear are being replaced—with a certain tinge of nos-

Detwiller appointed Planning Consultant for projected U.B.C. Hospital

Lebensraum

Lloyd F. Detwiller, BA, MA(Brit.Col.), MPA(Minn.), assistant deputy minister of the B.C. Hospital Insurance Service, has been appointed to act as consultant to the University on planning of the U.B.C. health sciences centre and hospital. He will become administrator of the hospital when it is constructed.

Mr. Detwiller received his BA with honors in economics and government. He was awarded his master's degree with first class honors in economics and statistics.

Following service from 1940 to 1945 with the Royal Canadian Air Force Mr. Detwiller lectured at U.B.C. before join-

ing the provincial government as a research statistician in the treasury department. From 1948 to 1950 he was commissioner of sales tax and from 1950 until 1954 he served as commissioner of the B.C. Hospital Insurance Service.

In 1955 he left government services to take postgraduate work in the field of hospital administration at the Universities of Minnesota and California. During residency at the University of California medical center he served as assistant administrator at the University Hospital. In 1957 he returned to B.C. to assume the post of assistant deputy minister of hospital insurance.

ceeding with the B.C. department of agriculture to determine ways and means whereby the institutional farms of the province located at Essondale and Tranquille may be used to serve the joint purposes of the Faculty and the B.C. department of agriculture. As in the case of the federal department the Faculty has very good informal arrangements with the provincial staff for the exchange of information and the summer employment and instruction of students.

Agriculture-Forestry Complex

The Faculty of Agriculture with its sister Faculty of Forestry is now actively engaged in the planning of the "Agriculture-Forestry Complex", the permanent building which will house the offices, classrooms and laboratories of both faculties and which, as previously stated, will be located immediately south of the B.C. Research Council. It will therefore be in proximity to the outdoor experimental areas and facilities at the south end of the campus and will serve to consolidate the main units of each of our respective faculties now distributed among buildings scattered throughout the campus. The Faculties of Agriculture and Forestry have a great deal in common in that each serves a primary biological industry of the province. Through our contributions we are furthering the development and adoption of sound practices by providing leadership in fundamental research which finds expression in the quality of both our undergraduate and graduate teaching.

The faculty is going through one of the most exciting periods in its history. It is not often that an opportunity such as we now have to re-establish ourselves in new quarters presents itself to any faculty of a university and it is with a great sense of satisfaction that the faculty looks forward to the future and the role it will be called upon to play in determining the fabric of agriculture in British Columbia and in Canada, as the agriculture industry adjusts itself to play its part in a very dynamic, rapidly changing economy.

BY BLYTHE EAGLES,
DEAN, FACULTY OF AGRICULTURE

Canada Council Faculty Grants

The following members of faculty have received senior research fellowships:

A. Earle Birney, BA(Brit.Col.), MA, PhD (Tor.), English.

Ping-ti Ho, BA(Nat.TsingHua), PhD(Columbia), Asian studies.

Frank C. Langdon, AM(Harvard), PhD (Calif.), economics and political science.

James A. S. Macdonald, Dip(V.S.A.), fine arts and education.

Margaret A. Ormsby, MA(Brit.Col.), PhD (Bryn Mawr), history.

Pierre R. Robert, BA(Brit.Col.), MA, PhD(Calif.), Romance studies.

Marion B. Smith, MA(Tor.), PhD(Penn.), English.

M. W. Steinberg, MA(Queen's), PhD (Tor.), English.

The following members of faculty have received short term grants:

Roger L. Clubb, BA(Kansas.London), PhD(Yale), English, for basic poetry research in London, England.

James A. McNeely, BA(Brit.Col.), MA,

PhD(Calif.), German, to study German literature at the University of California.

James H. Winter, BA(Dartmouth), MA, PhD(Harvard), history, for research at the British Museum and other libraries in England.

John F. Boshier, BA(Brit.Col.), PhD(London), history, for research in French history at the British Museum, London and the National Archives, Paris.

Peter Harnetty, BA(Brit.Col.), AM, PhD (Harvard), history, for research in modern history at India Office Library, London, England.

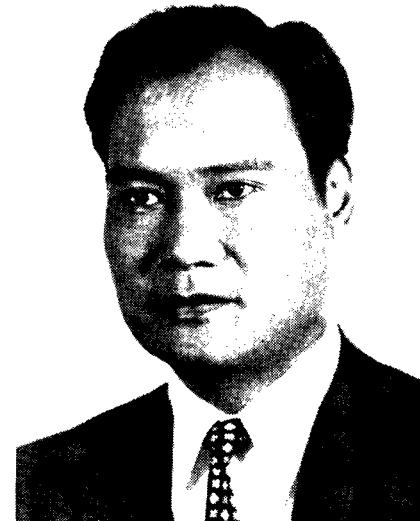
H. Blair Neatby, BA(Sask.), MA(Oxon.), PhD(Tor.), history, for research in history at sources in Ottawa.

Basil F. Stuart-Stubbs, BA(Brit.Col.), BSL(McGill), head of rare books and special collections division, Library, for research in geography at the National Archives of Canada, Library of Congress, Washington, and other libraries in Canada and U.S.A.

Basil Stuart-Stubbs



Dr. Ping-ti Ho



Faculty Notes

John Tait Montague appointed Director of Institute of Industrial Relations

Dean Soward wins honor

Dean F. H. Soward, of the Faculty of Graduate Studies, received an honorary doctor of laws degree at Carleton University on May 25.

Deans reappointed

Dean S. N. F. Chant, head of the Faculty of Arts and Science, and Dean E. D. MacPhee, former head of the Faculty of Commerce and now dean of administrative and financial affairs, who were to have retired July 1, have been reappointed.

They have agreed to remain at their present posts for an additional year at the request of Dr. John B. Macdonald, who will succeed Dr. MacKenzie as President of the University July 1.

New work offered in Zoology

In the department of zoology new work will be offered in the field of ethology, the study of animal behaviour as it pertains to mammals, as the result of the appointment of Dr. John F. Eisenberg.

A graduate of Washington State University, Dr. Eisenberg is currently at the University of California in a research position.

Dr. Gibson elected to International body

William C. Gibson, BA(Brit.Col.), MSc(McGill), DPhil(Oxon.), MD,CM(McGill), professor of the history of medicine and science, has been elected a member of the International Brain Research Organization.

A letter from the organization's headquarters in Paris said Dr. Gibson was elected "in recognition of your scientific contributions of importance to an understanding of the brain".

Dr. Gibson is also director of the Kinsmen Research Laboratory at U.B.C. The laboratory is involved in an extensive programme of neurological research.

IBRO fosters brain research

The IBRO was founded in 1960 to foster on a world-wide basis fundamental scientific research of the normal and abnormal brain.

The organization's goals are to develop and co-ordinate research and education in all fields concerning the brain and to promote the collaboration of scientists belonging to different disciplines.

Dr. John Tait Montague, special assistant to the director of the economics and research branch of the federal department of labor, has been appointed director of the Institute of Industrial Relations. He will take up his duties July 1.

Dr. Montague, who has also been appointed an associate professor in the department of economics and political science, succeeds Professor A. W. R. Carrothers as head of the Institute of Industrial Relations.

Professor Carrothers has been granted a year's leave of absence to carry out research at Harvard University on a research award from the Royal Society of Canada. He will then return to full-time

Applied economist appointed

In the field of economics, U.B.C. has appointed as a full professor Dr. Gideon Rosenbluth, BSc(London), BA(Tor.), PhD(Columbia), currently at Queen's University. A graduate of Columbia, Dr. Rosenbluth works in the field of applied economics and was formerly employed by the National Bureau of Economic Research in New York.

A research team, led by a chemist whose work in the field of organic chemistry has been described as brilliant, will join the department of chemistry July 1.

Dr. Anthony I. Scott, leader of the team, has been appointed an associate professor. Dr. Scott and his co-workers are currently at the University of Glasgow.

A second member of the team, Dr. Frank McCapra, has been appointed an assistant professor in the chemistry department. The other members are Dr. John Nabney, who will come to U.B.C. as a postdoctoral fellow and Mr. D. W. Young, a PhD student.

Dr. Scott has distinguished himself by his work in the chemistry of naturally-occurring organic compounds, particularly those found in medicinal plants. In particular his work on fungus growth and its by-products, which produce antibiotics, has been widely acclaimed.

Dr. McDowell, head of the chemistry department, said the research team scored an outstanding success recently by preparing a complete description, including the geometrical properties, of gibberellic acid, a complex plant hormone.

The work which Dr. Scott and his associates plan to continue and undertake at U.B.C. lies on the borderline between chemistry and biochemistry.

It is proposed to set up special laboratories in the chemistry department for research on the methods by which plants produce medicinal by-products. This will involve the use of radio-active substances to determine how plants create these by-products.

teaching duties in the Faculty of Law at U.B.C.

Dr. Montague won a BA with honors in 1943 at the University of Western Ontario and a PhD at the University of Toronto. He specialized in labor economics.

Prior to joining the department of labor in Ottawa, Dr. Montague taught at the University of Toronto, Carleton University, Ottawa, and was assistant to the company economist at Canadian Industries Limited.

While he was with the department of labor Dr. Montague did extensive research for the National Productivity Council and for policy formation in the field of industrial relations.

M.R.C. grant to Dr. Wada

Juhn A. Wada, MD, DMSc(Hokkaido), a neurologist in the Kinsmen Research Laboratory, has been given a Medical Research Council grant to rent a biological digital computer of average transients for six months. To arrive this fall, it will be the first medical computer on the campus.

Chemistry Research

A two year grant of \$33,000 has been awarded to Guy G. S. Dutton, MA(Cantab), MSc(London), PhD(Minnesota), associate professor of chemistry at the University of British Columbia, by the Institute of Paper Chemistry, Appleton, Wisconsin.

The award, known as a Pioneering Research Grant, will enable a team headed by Dr. Dutton to continue an investigation into the chemical composition of wood as it affects the making of paper and rayon.

The grant is the first made by the Institute under a new programme of industrial support for fundamental research. The U.B.C. group will be conducting a joint investigation with a team at the Institute interested in studying the properties of a group of wood components called hemicelluloses. Species currently being investigated are Douglas fir, ponderosa pine, black spruce and Sitka spruce, all of which have commercial importance as raw materials for paper and chemical pulp.

Associated with Dr. Dutton on the project are two graduate students working on master's degrees, Kenneth Pierre, of Trinidad, and Nizam Abdurahman, a graduate of the University of Glasgow; Miss Judy Hunter, an honors chemistry student from Oliver, B.C., and Dr. Derek Applegarth, who obtained his PhD at the University of Durham and is now at the U.B.C. chemistry department as a post-doctoral fellow.

Research in this field has been underway at U.B.C. for the past six years. U.B.C. is the only university in western Canada conducting such research.



"Dr." Owen link between past and future

Johnnie Owen has been doing this for 25 years. The ankle he is bandaging belongs to Peter Bugg, rugby player

John Owen, trainer of University athletic teams, has been a member of the Physical Education staff for 25 years. To mark the anniversary the Big Block Club gave him a framed aerial view of the campus at their banquet this spring, when the athletic director, "Bus" Phillips, said of him:

This is not the first nor the last occasion, I am sure, when we will recognize his long and continued service to this University and to its athletes. In 1946 he was presented with an honorary Big Block, the top athletic award to a non-undergraduate. Because the University has grown so rapidly in recent years, it has become a more impersonal institution, and it is harder now for us to become as intimately acquainted as it was

in years past. Many of the undergraduates today will not realize that while coaches, staff and University Presidents have come and gone, Johnnie, or "Dr. Owen" as he is affectionately called, has remained a solid and durable link between the past and the future.

He came to the University as a distinguished senior amateur hockey star, and with a broad background in many other sports. He coached the UBC Thunderbird Hockey team in 1937-38 in a successful season climaxed by a memorable safari to Los Angeles. This was the first of many major trips when he accompanied our teams as trainer and chap-erone.

I am told that when Johnnie announced recently his plans to write a

history of his memorable associations with UBC athletes of the past, especially concerning those incidents and exploits which occurred on the trips, some of our most illustrious alumni offered him a substantial sum *not* to publish his memoirs.

There are many reasons why I, along with countless others, have a warm affection for this amazing sports personality. Time will not permit me to elaborate on these. Let me say at least that he has always placed his duty to the University above his private interests and pursuits. In spite of the handicap of an almost fatal accident in 1936 and a heart attack in 1958, he has given unstintingly of his time and energy in performing a multiplicity of duties.

by Fred Fletcher

Student news — will I pass?

WHEN THE 1961-62 session ended, the jury was still out on the new form of student government instituted at the Spring General Meeting of the Alma Mater Society in 1961.

After a year's trial, opinion among the Brock-types and other interested students as to its effectiveness is still violently divided. Many say the council now is too large to be efficient.

The change capped a trend of many years towards increases in the size of the council, which now has 24 members and is still growing. It consists of a six-member executive, elected in campus-wide balloting, and the presidents of the 17 undergraduate societies. (The editor of *The Ubysey* sneaks in as a non-voting member.)

And, as other groups such as the School of Rehabilitation Medicine (which has already applied for representation)

and the School of Librarianship gain students, they too will have to be represented.

Many grads will undoubtedly remember when the total number of councillors was six or eight.

However, the new system has succeeded in bringing student government closer to the average student. The price has been a certain loss of efficiency. (Arguments are even longer than they used to be—something many thought impossible.)

New officers elected in February are: Doug Stewart, Law 2, president; Peter Shepard, Eng. 3, first vice-president; Ed Lavelle, Comm. 3, second vice-president; Malcolm Scott, Comm. 3, treasurer; Bernie Papke, Grad Studies 2, co-ordinator activities; Barbara Bennett, Arts 4, secretary. New *Ubysey* editor is Keith Bradbury, Arts 3.

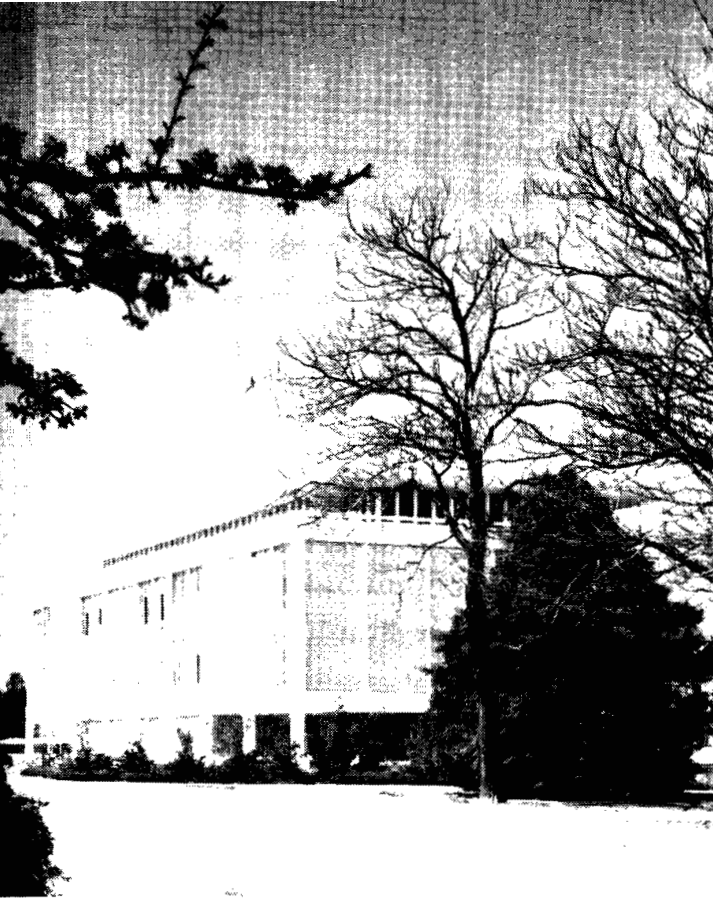
Student thoughts as the year ends:

- will the university be the same without Dr. MacKenzie as president?
- what will the new president (Dr. John B. Macdonald) be like?
- will he allow students the same autonomy they were given by Dr. MacKenzie?
- will he attempt to change academic standards, or reverse the administration's long-standing policy opposing entrance exams?
- will Buster's still be towing away cars next year?
- can I afford a car with the new \$5 parking fee—which allows me to walk three-quarters of a mile from the parking lot to my class (and back again)? (Especially when it used to be free.)
- will I pass?

UBC'S Fine Arts Centre

by B. C. Binning

Head, Dept. of Fine Arts



*Frederic Lasserre Building for Architecture,
the Fine Arts and Planning*

*North facade of new building
overlooks proposed plaza of Fine Arts Centre*

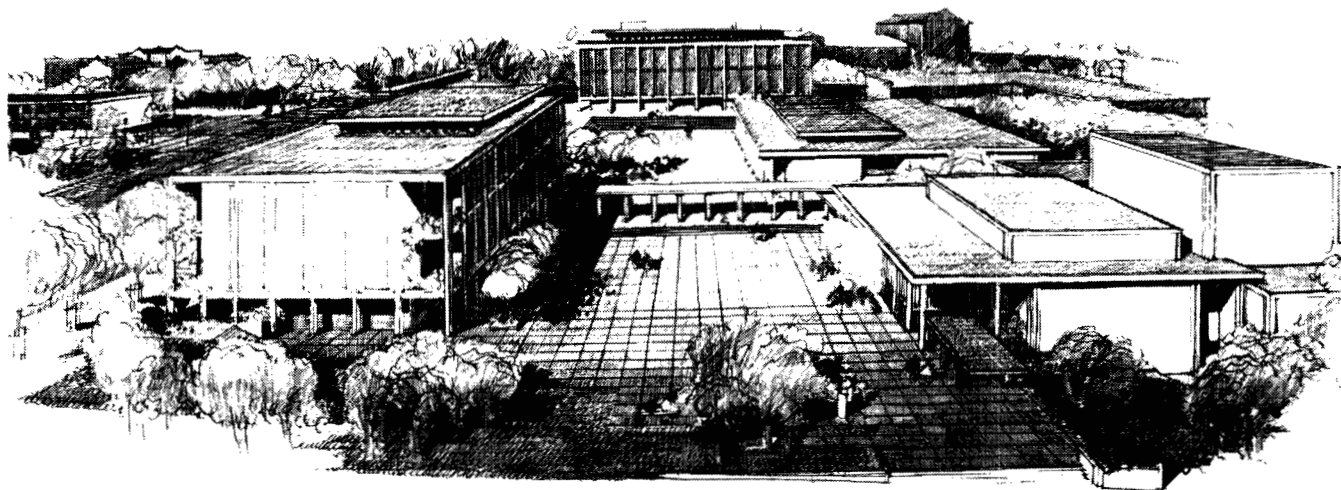


THE FIRST BUILDING of the Fine Arts Centre, for art and architecture, is now completed, and construction on the second, a teaching theatre, will be started some time this summer as a result of a Canada Council grant which will pay half the cost. This leaves the music building and the combined art gallery and museum of anthropology for some time in the future. When they are completed, we shall have for the first time in Canada a Fine Arts Centre on a university campus.

In 1951, I was asked by the University, and sponsored by the Carnegie Corporation of New York, to make a survey of the arts in universities on this continent and in Europe. From this survey I wrote my report which I submitted, as chairman, to the Fine Arts Committee for its approval. One of the major recommendations of the report was that we should start to plan immediately for a centre for all the arts, including music, theatre, architecture, painting, sculpture and dance, and besides teaching facilities provide an art gallery, a small concert hall and the other amenities which would be appropriate, and that the whole should be expressed in such architectural terms as to be an attractive centrepiece to the campus—a place to which students from all faculties might be drawn through their common interest in one or other of the arts. Implicit in the recommendation was the idea that the people in the fine arts, architecture and planning would themselves benefit from a common association.

Now, the first building marks the beginning of the materialization of the past ten years of work and planning towards this end, with the future not too far distant, we hope, when the centre should resemble the architects' rendering illustrated here.

Many people may ask why the fine arts, works of the creative imagination, should be so fully represented in



Architect's sketch of projected Fine Arts Centre as seen from Faculty Club. Lasserre Building in background. Right foreground, teaching theatre, to be started this summer. Beyond right, proposed art gallery and museum. Left foreground, proposed music building

this way on a university campus, or why indeed they should be there at all. These questions are particularly pointed now when the sciences are increasingly and urgently emphasized.

One answer is that the university is a changing institution. In the medieval university music for example was still studied as one of the four branches of mathematics. Since then the body of knowledge has grown so greatly that in our modern universities segments of knowledge are studied and the old relationships have been severed. The Fine Arts Centre is a bold move to give the student an experience he needs in his progress towards an education.

In our democratic society, we are bit by bit and piece by piece building a world of architecture, painting, sculpture, music and drama on the basis of our right to make individual decisions. Our towns and cities, our homes, the kind of theatre and music we have, are all part of this democratic expression. If this university were situated in a Paris, a London, a Rome, or a New York, there would be no need for a Fine Arts Centre within its precincts. The resources of a great metropolis would be there for the seeking. Our students, whatever their interests, will take responsible positions within the community, and, as part of these responsibilities, may find themselves asked to make artistic decisions because of the executive positions which they hold. Perhaps, therefore, an important function of the Fine Arts Centre in our university is to cultivate an audience among the students at large and introduce them to an enjoyment of the arts and a mature and critical understanding of them.

The next question is how do the student painters, architects, musicians and playwrights profit from the university atmosphere? The artist has changed. The

artist now finds himself a completely free agent: free of his masters of the past, the Church and State; free to express whatever he wants to say. In the past hundred years, as a bohemian, expressing his new-found freedom seemed expression enough. Now, in a more complicated society, the artist sees no reason why he must, if he is an artist, be also illiterate—illiterate in an increasingly literate world. The ateliers, academies and those other institutions which were his places of study in the past he now finds inadequate. They have become ingrown and concerned mainly with the technical side of his training. He is more interested now in the ideas and thoughts of the scientists, philosophers and humanists who are shaping the world around him, and wants the opportunity to hear them and discuss these matters. The university has had an increasing influence on the artist, especially since the last war. This is an atmosphere exciting, stimulating and productive to the creative artists today.

To ask the question again—why the arts in a university?—the answer is simply that the arts, because they are part of the university, make possible a more enriching experience for the student at large, and give the artist himself a greater understanding of his time and place for his own personal expression.

Because of his keen interest in the arts, it seems especially appropriate that, as one of his last acts as president, Dr. N. A. M. MacKenzie should officiate at the opening of the Frederic Lasserre Building for Architecture, the Fine Arts and Planning on May 29. It is also appropriate that the building should be named in memory of the late Professor Lasserre, the School of Architecture's founding director. From the conception of the idea he worked, with Dr. MacKenzie and myself, for a Fine Arts Centre at the University.

Isabel Beveridge showing Jean Oliver, one of fifteen volunteer CNIB transcribers, how to operate the tape recorder. Tape, which has two tracks, will run for two hours. Some text books might fill 10 tapes. When a certain text book is no longer needed the tapes are wiped off. The original copy is kept.

What's Your Handicap?

by Isabel Beveridge

DO YOU RECALL the way you felt when you arrived on the campus as a freshman? Finding your way around, wondering if you were in the right classroom, trying to remember the hundred and one things you were supposed to remember, feeling lost in a crowd of strangers?

The U.B.C. I came to in 1934 was vastly different from the campus today, but still bewildering to any freshman, and specially so to me. Now that the population has quadrupled it must make it that much more difficult for the blind student to manage the physical aspect of university life.

The first few weeks at U.B.C. were like a nightmare to me. With only a tiny bit of vision in one eye, learning my way around the campus was, at first, quite a strain. Not only was I subjected to the usual stresses of a beginning student, but also there were added ones, such as my depending solely on voices to recognize people and having to cope with people's varying reactions to my blindness. Some of the consequences were amusing.

Being a pioneer in any field carries with it a certain amount of heartache as well as joyful stimulation. Ed Brown and I were the first blind students to enroll at U.B.C. We had both attended Jericho Hill School for the Blind and were both registered with the Canadian National Institute for the Blind. At that time, liaison had not yet been established between the School, U.B.C. and CNIB. There was no provision, as there is now, for our text books to be transcribed into braille or to be taped. To get our reading done then, we had to depend wholly on the kindness of fellow students

and our parents. UBC's first blind student, Isabel Beveridge was born in Rocky Mountain House, Alberta, where her father was a lawyer and publisher of the weekly newspaper THE MOUNTAINEER

and our parents.

Because I had a good knowledge of braille and typing I was able to take my lecture notes in braille and to type my assignments and exams, as the blind students do today. I took all the required first year Arts courses, including mathematics. As this was a difficult subject for me to comprehend, most of the instruction being given on the board, it was decided to waive mathematics for blind students in the future, giving them an opportunity to substitute another subject.

The greatest good fortune I had was to have helpful parents. My father, who by then had retired, often read to me ten to twelve hours a day in order that I might cover the material and make adequate preparation for my exams. Father's way of reading was a great help. He had a good voice, undramatic, and it never tired during all those long hours of reading. He was so interested himself in what he was reading to me that the meaning came through—loud and clear!

After graduating in Arts and four years later in Social Work I went to Toronto to train as a home teacher for the CNIB and then worked in St. Catharines, Ontario. When I went to Portland, Maine, in a similar position with the state department of health and welfare I was awarded an educational scholarship from the State of Maine to enable me to take my master's degree in social work at Columbia University in New York.

International House was my home while attending Columbia University. I used to travel all over town on my own, in the busses and subways. For studying I was able to use a private organization, the N.Y. Guild



for the Jewish Blind which was set up as a reading service for university students. There were no books in braille.

Coming back to Canada in 1954 I worked in Toronto as director of social services for CNIB before returning two years ago to Vancouver to become vocational counsellor and supervisor of rehabilitation for CNIB's B.C. Division.

Ed Brown, who entered U.B.C. with me, is now national librarian with the CNIB in Toronto. He obtained his library degree in 1958 at the University of Toronto.

The blind student attending U.B.C. now has many more facilities than we had. Under the auspices of the CNIB, a Braille Transcribers' Guild has been organized; sighted volunteers are instructed in braille and are then able to transcribe the required text books. Through this Guild, too, text books are recorded on tape by volunteers. Text books for language courses are best in braille, and poetry, too, is usually brailled. Most of the other text books are recorded on tape. On request, tapes and a tape recorder (which of course also plays back) may be placed on loan to the student by CNIB.

Through the co-operation of the University administration a room in the Library was set aside this year, equipped with a tape recorder and storage space for braille books so that the blind students can make full use of their spare time when on campus.

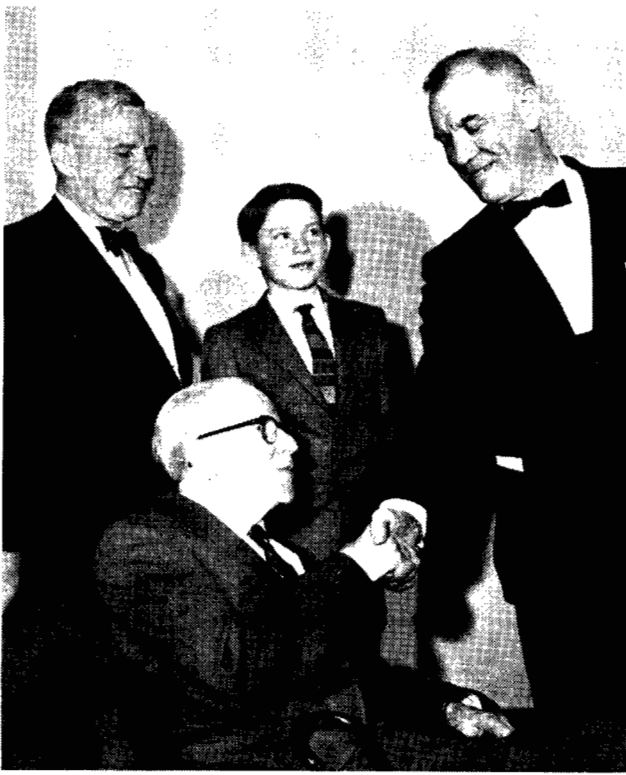
This year, eight blind students were enrolled at U.B.C. One student, who has just completed his

fourth year in Arts, plans to take postgraduate work in political science at a university in Eastern Canada. An Agriculture student who graduated with honors this spring in animal husbandry hopes to have his own farm where he can raise cattle. A third student is majoring in languages in the hope of becoming a language teacher. A second year student is majoring in music. Already proficient with the accordion, she is mastering other instruments and plans to instruct in music. Another student is interested in taking up physiotherapy or chiropractics.

Although the blind student must spend much more time reading and preparing his material for his courses, his aim is to be an all-round student and to take part in the other areas of university life. One student, Gerald Dirks, was voted vice-president of the A.M.S. last year; another joined the United Nations Club. Most take in dances and other social activities on campus.

Because of scholarships and other funds, no blind student is precluded from enrolling at U.B.C. through an inability to finance himself. He may also draw on a reader fund which is administered by the CNIB. Thus, when he is not able to secure a sufficient number of volunteer readers, he may pay for this service.

As the blind students' counsellor, I find this work a never-ending source of enjoyment and challenge. I salute this little group of young men and women who possess the courage and vitality to secure a university education for themselves.



Dean Andrew, Dr. Dilworth and Mayor Alsbury at the opening of the Playhouse. Dr. Dilworth's grand-nephew looks on

MIDWIVES IN THE ARTS

by Lucy Berton Woodward BA'43

THE OPENING of the Queen Elizabeth Playhouse, our small and elegant civic-owned theatre, would not appear on the surface to have any particular connection with the University. Nor would the fact that, contrary to precedent, an unofficial body was allowed to take part in the ceremonies. But the occasion pointed up one of the many vital connections between town and gown.

Marjorie Agnew, a graduate of the University, and Dorothy Somerset, Ira Dilworth and Geoffrey C. Andrew, all former faculty members, were not chosen to receive the Community Arts Council awards because of their connections with either the University, the Queen Elizabeth Theatre or the Community Arts Council, although each was linked, directly or indirectly, with all three. They were chosen because each has made outstanding and sustained contributions to the arts and these accomplishments are typical of the Council's own aims.

The Community Arts Council, the unofficial body, was invited to take part in the ceremonies on February 26 because since its beginnings in 1946, when Dr. Dilworth was its first president, it had urged the construction of the dual theatre as being necessary in a soundly based artistic community. Its membership, too, includes many individuals and groups from both the performing and visual arts and so represented the people who will use the theatre both as performers and as audiences.

Mrs. H. B. Carswell, president of the Council, in appointing the four Continuing Honorary Directors of the Arts Council, paid tribute to their vision, courage and leadership.

"Dr. Dilworth," she said, "has devoted his talents to the encouragement of music, art and literature. Due chiefly to his efforts, the work of the late Emily Carr gained recognition."

On Ira Dilworth's scroll the citation reads: "In recognition of his inspiration as a teacher and scholar whose wise guidance and unflagging efforts have enriched the cultural life of Canada."

Dr. Dilworth, who was educated at McGill and Harvard, is a former principal of Victoria high school and later a professor of English at U.B.C. He worked closely with Miss Carr in editing her books and is a trustee of the Emily Carr Trust for the collection of her paintings in the Vancouver Art Gallery. In 1938 he became CBC regional representative for British Columbia and later director of the Ontario and English networks, returning to Vancouver in 1958. He has also been a conductor of the Vancouver Bach Choir and a member of the board of the Vancouver Symphony Society. He received an LL.D. from U.B.C. in 1948.

Marjorie Agnew received her scroll "In recognition of her perseverance in bringing to fruition her original concept of the Sir Ernest MacMillan Fine Arts Clubs and her continuing devoted encouragement of young people in the field of music."

Educated at U.B.C., she took part in the Great Trek, was active in the Players' Club and was secretary of Student Council. She received the Great Trekker award in 1957.

Twenty-five years ago, while teaching at Templeton junior high school, she founded the MacMillan Clubs and the MacMillan Club scholarship fund which gives many hundreds of dollars to assist worthy students in the arts. This club started many young people on a musical career and has encouraged many more to become the interested and appreciative audiences of today—audiences that fill the Queen Elizabeth Theatre and Playhouse and have made them a necessity.

Until her retirement she was a teacher and counsellor at Vancouver Technical high school. She



Dorothy Somerset



Marjorie Agnew

has served on the Vancouver Symphony Society, Friends of Chamber Music, the Women's Musical Club and the Community Arts Council.

The award to Dorothy Somerset was made "In recognition of her initiative in organizing projects to foster Canadian theatre and her untiring efforts to develop for drama the highest amateur and professional standards."

Miss Somerset was born in Perth, Australia, and received her AB degree from Radcliffe College, in Cambridge, Massachusetts. She also studied at the London Central School of Speech Training and the Ginner Mawer School of Drama.

In 1938 she was appointed supervisor for drama in the department of University extension, U.B.C., in which capacity she founded and was director of the Summer School of the Theatre, later introducing painting classes which eventually developed into the Summer School of the Arts. A Rockefeller Foundation travel grant in 1945 enabled her to study drama departments in leading American universities. As a result she established the Theatre course at U.B.C. and became an associate professor in 1958 until her resignation last year. She is at present a part-time lecturer in Theatre.

As supervisor of drama she established the Frederic Wood Theatre in 1952, raising funds to equip the building formed from two army huts donated by the University.

She is a past vice-chairman of the Dominion Drama Festival, past chairman of the Western Canadian Theatre Conference which she initiated in connection with the Drama Festival, was one of the founders and is now B.C. representative of the Canadian Theatre Centre, the group largely responsible for setting up the National School of Theatre in Canada. She has also served in the B.C. Drama Association, the Vancouver

Little Theatre, the Community Arts Council and the Vancouver International Festival Society.

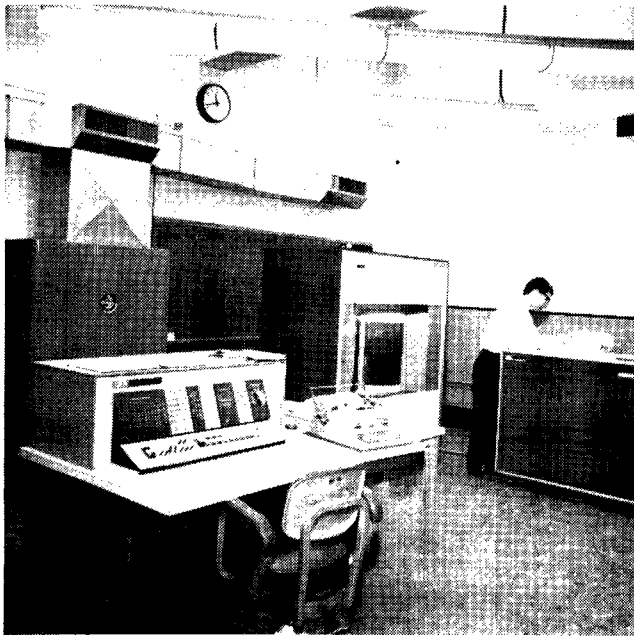
Not only has Miss Somerset's advice been sought on many questions of theatre production and equipment, but her work at the University and in the community has helped to build discriminating audiences for the new theatre.

Geoffrey C. Andrew, former dean and deputy to the President of the University, received his award "In recognition of an eloquent leader whose vision and dynamic energy are directed to an appreciation of the role the arts must play in the human community."

In presenting his award, Mrs. Carswell said, "During his years in B.C. he has inspired the development of the arts and humanities both at the University and throughout the province."

He was president of the Community Arts Council at a time when that group was pressing for construction of the Queen Elizabeth Theatre and his advice and encouragement were invaluable. He has also been president of the Vancouver Festival Society, chairman of the projects committee of the Leon and Thea Koerner Foundation and a member of the national executive of UNESCO. He was instrumental in forming the Arts Resources Conference for the Community Arts Council and for its development into the B.C. Arts Board.

It was a happy opportunity for the Community Arts Council to honor people who, not necessarily artists themselves, provide a climate in which the arts can flourish. Dean Andrew, in thanking the Arts Council on behalf of the award recipients, called them "midwives in the arts". They are the people who raise the funds and support art galleries, theatres and libraries, establish festivals, urge the improvement and beautification of our cities. The University plays a great role in developing and encouraging "midwives in the arts".



Left: Hugh Dempster, chief programmer, checking on IBM 1620's calculations. Disk storage file in background. Centre is popular with school children visiting campus. Latest group was a Grade 6 class from North Vancouver

Right: Back of Alvac III-E looks like this. Picture was taken last summer; Hugh Dempster recognizes special wiring put in at that time. For Dr. Richman of department of psychiatry, who lent photograph, it has aesthetic appeal

by Hugh Dempster

Do Computers Think? Tuum Est!

The Computing Centre was established in 1957. Director is T. E. Hull, MA, PhD(Tor.), with Charlotte Froese, BA(Brit.Col.), PhD(Cantab.), as assistant. Hugh Dempster, MA(Brit.Col.), author of this article, is chief programmer

THE MOST RECENT ADDITION to the equipment at U.B.C.'s computing centre is likened to a juke box by most observers. With 25 disks spinning rapidly on a common shaft, and a movable arm which can be positioned to "record" or "play back" information on any of 200 tracks on each disk, it certainly looks the part. This 1405 Disk Storage File (as it is called) serves the University's IBM 1620 computer as a supplementary memory—a memory which can store, in the form of magnetized spots on the disk surfaces, a total of 10 million characters. Thus, for example, the computer could "memorize", letter perfect, the equivalent of about 45 complete issues of the *Chronicle*.

Recall is rapid too. This complete paragraph (which contains 200 characters, including spaces and punctuation marks) could be read from the disk file for computer processing in just 1/100 of a second.

Installation of the disk unit completes the second computer system acquired by U.B.C. The 1620, which has been operating since last October, represents a "second generation" of computing machines whose primary building block is the transistor rather than the vacuum tube. Compact, economical of power, less expensive to maintain—the new computers are displacing those only a few years older, like the Alvac III-E (purchased by U.B.C. in 1957, and still giving valuable service in spite of its obsolescence).

U.B.C.'s two computers have aided an astonishing variety of research projects, some of which would not be feasible at all without high-speed computing. When even small computers like ours can find the sum of 1000 ten-digit numbers in about one second (large present-day machines are 100 or even 1000 times faster), a few hours of computer time may replace weeks of tedious hand calculation.

As one might expect, much computer time is used by engineering, physical science and mathematics departments. U.B.C.'s computers have worked on studies of long distance power transmission, calculation of molecular energy levels, and error analysis in the solution of differential equations. Forestry, biological sci-



ences, and agriculture are also computer users—in this case, largely for statistical problems. Jobs done on the computers relate among other things to the use of aerial photographs for timber surveys, lumber recovery from trees, the growth rate of fish, geographical variations in North American wolves, and the effectiveness of potato sprayers. It may be more of a surprise that among major users of computer time are the departments of psychiatry and sociology. The application here is tabulation (with statistical analysis) of data from hundreds or thousands of questionnaires.

Although the computers are used primarily by faculty members and graduate students, some time is made available to users outside the University. Vancouver's Metropolitan Highway Planning Commission has used a complex programme which, given a description of a proposed major street network and freeway system together with anticipated numbers of daily trips between city districts in, say, 1976, proceeds to work out the shortest route for each trip and to total the number of vehicles that will use each street and each freeway ramp. The B.C. Cancer Institute determines radiation doses from tables prepared by the computer. The new Alexandra and Port Mann bridges across the Fraser river were partly designed on the U.B.C. computers.

Education in computer use is becoming an important obligation of a university. The breadth of applications to science and engineering has just been illustrated. Perhaps already the computer is a more valuable engineering tool than the slide rule. Courses which will teach the engineering student how and when to use this tool are now finding their place in the U.B.C. curriculum.

Before many years it will be equally necessary for the commerce graduate to understand something about computer applications in the business world. Today computers are used, for example, to prepare payrolls and electric light bills, to process insurance policy records, to keep up-to-the-minute inventories for large mail order firms, and to handle airline reservations (giving an immediate reply to a remote inquiry station as to whether seats on a particular flight are available, and

"Computer Programme" for consulting a French-English Dictionary.

It is assumed that a number of French words stored in consecutive locations of the computer's memory form the "French dictionary", and that the English equivalents are stored in corresponding locations of an "English dictionary". Each of the following steps corresponds to a single computer instruction:

1. Read word to be translated.
2. Set $n=0$.
3. Add 1 to n .
4. Compare word to be translated with n th entry in French dictionary.
5. If not equal, go to step 8.
6. Print n th entry in English dictionary.
7. Go to step 1.
8. Compare n with number of words in dictionary.
9. If not equal, go to step 3.
10. Stop.

For each French word read (step 1), the English equivalent is to be printed (step 6). Steps 3, 4, 5, 8 and 9 search through the French dictionary for the given word, and are repeated until either it is found or the end of the dictionary is reached. If the latter occurs, the computer will stop (step 10).

if not, suggesting suitable alternatives).

What of the future? What other human activities will be taken over by these remarkable machines? One hears claims that computers can translate languages, make business decisions, compose music, play chess, and prove mathematical theorems—activities generally considered to require a high degree of intelligence. Can computers really do these things, people ask. Is it possible that machines of metal and glass are intelligent? Do computers think?

It is true that computers have been made to do (rather poorly, so far) all the things just mentioned. "Artificial Intelligence" is an accepted title in computer-oriented conferences and bibliographies. But it is also true that in every case the actual orders given to the computer (by a human programmer) to make it perform these tasks form a sequence of very simple operations—the kind of painstakingly thorough instructions one might give to enable a complete idiot to perform some moderately complex task.

The break-down of such a task into a sequence of elementary operations is illustrated by the sample "computer programme". This not very difficult job—looking up a word in a foreign language dictionary—might be a small part of a 25,000-step translation programme.

The achievements and advances of artificial intelligence lie, not in the construction of machines capable of ever more elaborate behaviour, but in the successful analysis of complicated procedures into sequences of very simple steps. If large, high-speed computers are required for such jobs, it is not because they have any special "intelligent ability" in greater measure than the smallest and simplest of computers (or even than the village idiot). It is just that performance of a job as complex as, say, making one chess move, requires many thousands or even millions of elementary operations. Only a machine with a large memory can store all the necessary instructions; only a very fast machine can carry them out in reasonable time.

Do computers think? Tuum est!



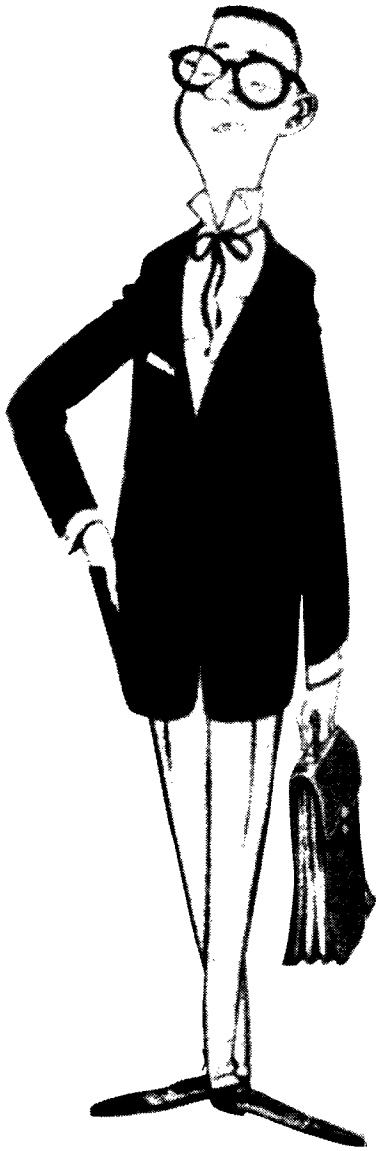
SOCRATES LONGFELLOW, B.A.

Mr. Longfellow made his mark as an all-round student and athlete in his days on campus. Graduating in English and History, he gained notoriety among his professors, who even today refuse to discuss his scholastic achievements. Devotees will remember, too, his successes with the women's low hurdles and broad-jumping team, and the typically unpredictable way in which he left town.

**3 ALUMNI GIVE THEIR
OPINIONS ON ALUMNI
ANNUAL GIVING ★★ ★**

Last February we sent a short questionnaire dealing with Alumni Annual Giving to a selected list of alumni. The replies showed that Annual Giving enjoyed their support and that they were generally in sympathy with its objectives. For your interest and edification, we print the most literate comments received from representatives of three faculties.

I should like to say that I regard Alumni Annual Giving as an opportunity to fulfill an obligation. I realize that I paid only a fraction of the cost of my education, and it's quite, quite satisfying to me to replace, in a manner of speaking, what has been of such benefit to me. I am at once proud and humble that I can number myself among the higher educated, I feel thereby that education is more directly my responsibility. Particular interests of mine among your objectives are scholarships and "green fields". Athletics, I recall, gave me some of my happiest moments.



J. PIERPONT PURLOIN, B.Com.

Mr. Purloin has long been a leader in discussions of the philosophy of education in the Commerce Faculty. You might recall the debate that followed when, in 1958, he suggested that professors could gradually be replaced by coin vending machines. He is the author of the Commerce Balance Sheet articles, "The Value of Education" and "How Much for a Quick Look at Exams?"

It's clear to me that Canada's future depends in large measure on an ever-increasing flow of educated men and women. Whatever I can do now for the university I'm in fact doing for myself and my children. It pleases me to think that I am, and will always be, a member of the University Family. By contributing what I can on an annual basis, I think I'm taking care of my family obligations in a convenient way. I didn't "earmark" my gift last year, as I think you people know at least as well as I the immediate needs. If I had, I'd have directed it to the Library Fund. I remember spending many happy hours on its steps, in its foyer, at its tables—sometimes even reading.



SPANNER RENCH, B.Sc.

Mr. Rench is considered to be about as civil as Civil Engineers get. In his years on campus he was known as "one engineer you can talk to", although it isn't recorded that anyone ever did. Academically, he won a number of prizes in the faculty, including Best Custom Car and Most Pubsters' Scalps, and in the summer was a Roads Scholar with the Highways Dept.

I'm glad to have the chance to join my fellow alumni every year in doing something for my university and for the young people coming along. I number my years on campus as among the greatest in my life and when my dollars help someone else to the opportunity I had, it's almost like going back. My education made possible the life I'm now leading and if I don't appreciate what the university means to its people, how can I expect someone else to? You asked me about my personal interests—I'd have to say U.B.C. I enjoyed it all: the lecture rooms, the playing fields, the Library, and even that time in the President's Office. Cheers!

The comments of all who answered the Alumni Annual Giving questionnaire were considered in the preparation of this article, and many of those thoughts have been incorporated.

By Rae Haines

Illustrations by Len Norris



The Chancellor, Dr. Phyllis Ross, addresses meeting of Convocation.

ALUMNI ASSOCIATION ANNUAL DINNER MEETING



Frank E. Walden takes over as president of Alumni Association.

A Warm and Friendly Party

A WARM FRIENDLY party of 600 people created the largest and most successful annual general meeting of the Alumni Association on May 10. The dinner, held in the Hotel Vancouver ballroom followed a reception in the adjacent banquet room and lounge.

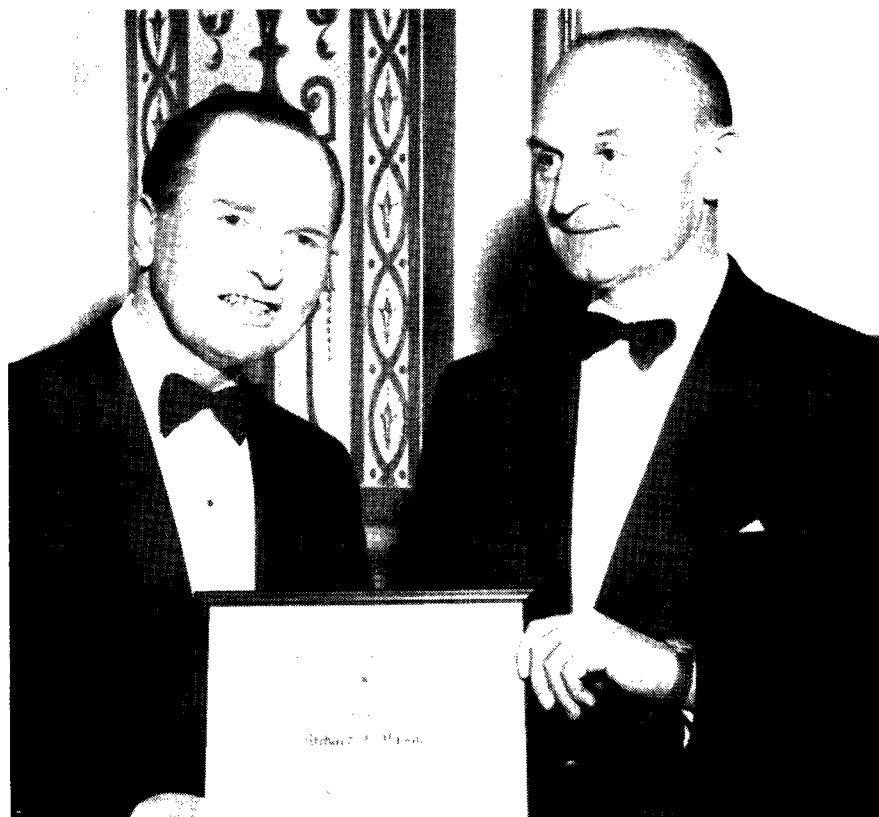
Guest speaker James M. Minifie, CBC Washington correspondent provided deep insight into present-day Algeria. Mr. Minifie had recently returned from that troubled land.

George Feyer, pianist from the Hotel Carlyle, President Kennedy's New York residence, established a party mood early

at the reception. He captivated his audience with a half hour after-dinner concert that featured his "Echoes of Childhood" which he said were for "children of all ages" and his styling of "My Fair Lady" as the old masters would have written the music. After the meeting he played for an hour and no one wanted to leave.

In banquet room after dinner George Feyer carried on with his special mixture of witty comment and music





Dr. W. C. Gibson, retiring president, presents honorary life membership in Alumni Association to Mayor R. B. Wilson for his Chairmanship of Victoria College Development Fund Drive.



Bill Gibson calls for action NOW

DURING MY YEAR of office as your President, my work in medical research has taken me close to 50,000 miles over the world's airways, and I have sought out our graduates wherever I have gone. Those whom I met I found to be enthusiastic people who are eager for news of U.B.C. and Victoria College. They want either to send their children to university in British Columbia, or they are helping to build new universities and colleges where they live. Their loyalty is to higher education and they realize that this field is at once a provincial responsibility and a federal necessity. At the international level it is heartening to see gatherings of foreign students in the homes of alumni, whether at Alice Hemming's, overlooking Hampstead Heath in London, or at Abbotsford in the Fraser Valley. These students will return to their homelands as Canada's best ambassadors.

The programme of your Association over the past year has been concentrated, of necessity, on getting more support for the University provincially. I think it fair to say that we are not yet satisfied with our efforts in this direction, nor in the matter of federal support.

We have already sparked a campaign to unite the one-third of a million graduates of all Canadian universities in presenting to the Federal Government at Ottawa the case for additional support for higher education, specifically: the raising from \$2.00 to \$2.50 the per capita grant paid to each province for this pur-

pose; the payment of \$1,000 per student registered in a doctoral programme; and finally, support for the proposal of our honorary graduate, Dr. Wilder Penfield, who has so clearly stated the need of one federal dollar for endowment for each federal dollar given for operating, thereby guaranteeing in a few years an important element of academic freedom for all universities.

The campaign for a University Hospital dating back to an Alumni brief in 1946 has induced the Provincial Government to agree in principle to its construction in the projected Health Sciences Centre.

Your Association hopes to be able to assist with the development of a University Press in the coming year.

One of the most important changes during the past year has been the development of grass-roots regional organizations where hundreds rather than handfuls of graduates and friends may combine together to learn of the needs of higher education in the province, and eventually to take the kind of action which will ensure these needs are met.

The emphasis by Mr. Paul Plant's branches committee on regional programmes is being followed up by a committee under Dr. Patrick McGeer seeking to delineate the essentials of a plan for higher education embracing the whole province. At the same time a group under Mr. Fred Field is seeking to co-ordinate our efforts with those of the University's department of extension, providing con-

tinuing education for alumni and friends of U.B.C. wherever they may live. In the metropolitan Vancouver area our organizational pattern has been changed so that the various degree groups may combine in Divisions.

Despite the efforts of our Alumni Annual Giving committee under Mr. Alan Eyre we have this parlous record to report: only ten per cent of our graduates gave anything last year; the average gift received from that hard-core group was \$14.02; thus our 25,000 graduates averaged just over \$1.00 per head in gifts to their Alma Mater. While we crawled along at this rate, every student at U.B.C. gave \$10.00 towards the building programme. I cannot see how, as graduates, we can do less. We should do more, much more, for the fact is that when an Arts student pays his tuition fees, he is paying only one-fifth of the cost of his education. When a medical undergraduate pays his fees, he pays only one-eleventh of that cost.

We know now that in ten years we shall have 30,000 qualified students in B.C. demanding higher education. I beg you to realize that action *now* can guarantee that there will be sufficient professors and enough facilities throughout the province to provide first-class higher education. But if we go on with substandard budgets and slowed-down building programmes, and most of all, no comprehensive plan, we shall become an educational backwater on a continent which is moving rapidly ahead.

ALUMNI ASSOCIATION



President
Frank E. Walden



Past President
Wm. C. Gibson



First Vice-president
Paul S. Plant



Second Vice-president
Mrs. John H. Stevenson



Third Vice-president
Alan M. Eyre



Treasurer
H. Frederick Field

**Members
at
Large**



Mrs. D. C. Ellis



A. F. Pierce



R. W. Macdonald



J. J. Carson



Mrs. K. M. Walley



D. B. Fields



D. M. Brousson



G. R. Donegani

BOARD OF MANAGEMENT

EXECUTIVE

President: Frank E. Walden, CA, BCom'38. Resident partner, Clarkson, Gordon & Co., chartered accountants. Association: 1961-62, first vice-president; vice-chairman government relations committee.

Past president: Wm. C. Gibson, BA'33, MSc(McGill), DPhil(Oxon.), MD,CM (McGill). Kinsmen professor of neurological research, U.B.C. Association: 1961-62, president; 1960-61, third vice-president.

First vice-president: Paul S. Plant, BA'49. Vice-president of R. S. Plant Ltd., lumber brokers. Association: 1960-62, member-at-large; chairman 1961 annual general meeting; chairman branches committee; 1959, chairman class of '49 reunion.

Second vice-president: Mrs. John H. Stevenson, BA,BCom'40 (née Doris Pratt). Housewife. Association: 1961-62, second vice-president; chairman women's committee.

Third vice-president: Alan M. Eyre, BASc'45. President, Dueck on Broadway Ltd. Association: 1961-62, member-at-large; chairman alumni annual giving committee.

Treasurer: H. Frederick Field, CA, BA,BCom'40. Frederick Field & Co., chartered accountants. Association: 1960-62, treasurer; chairman office management committee; chairman continuing education committee.

Members-at-large (terms expire 1963): Mrs. David C. Ellis, BA'36 (née Margaret Buchanan). Housewife. Association: Chairman student-alumni committee.

Alan F. Pierce, BA'49. President and director, Wm. M. Mercer Ltd., consulting actuaries.

Roderick W. Macdonald, LLB'50. Macdonald & Daniels, barristers and solicitors. Treasurer, Central City Mission. Association: Alumni representative to B.C. Council on Education.

John J. Carson, BA'43. Acting manager, staff services division, B.C. Hydro. Association: 1960-61, first vice-president.

Members-at-large (terms expire 1964): Mrs. Kenneth M. Walley, BA'46 (née Kathleen Anderson). Housewife. Association: Reunions chairman; 1957-58, arts degree representative.

Donald B. Fields, CA, BCom'43. Resident partner, Clarkson, Gordon & Co., chartered accountants. Association: 1958-60, treasurer.

D. M. Brousson, BASc'49. Manager, Century Sales Ltd. Association: 1959-60, chairman committee on counselling, student employment and faculty advisors; 1951-52, board of management.

Grant R. Donegani, BSA'41. Salesman, Pemberton Securities Ltd. President, University Hill Parent Teachers' Association. Treasurer, Alma YMCA. Association: 1951-52, alumni representative to Men's Athletic Council.



N. T. Nemetz



M. Collins



D. F. Miller

SENATE REPRESENTATIVES

Nathan T. Nemetz, QC, BA'34. Nemetz, Austin, Christie & Bruk, barristers and solicitors. Association: 1960-62, senate representative; 1956-57, president.

Mark Collins, BA, BCom'34. President, Smith Lithograph Co. Ltd. Association: 1960-62, senate representative;

1959-60, president.

Donovan F. Miller, BCom'47, SM-(M.I.T.), Director and executive assistant to the president, Canadian Fishing Company Ltd. Association: 1961-62, chairman nominating committee; 1960-61, president.

DEGREE REPRESENTATIVES

Agriculture: John L. Gray, BSA'39. Public relations manager, Fraser Valley Milk Producers' Association. Association: 1961-62, degree representative; 1954-55, degree representative.

Applied science: R. C. H. Rodgers, BASc'61. Systems engineer, Aviation Electric Pacific Ltd. Association: 1962-63, homecoming chairman; 1961-62, member-at-large.

Architecture: Ronald S. Nairne, BA'47, BArch'51. McCarter, Nairne & Partners, architects. Association: 1961-62, degree representative.

Arts: Mrs. L. Douglas Hayward, BA'41, MA(Western Reserve), (née Margaret Sage). Consultant on English for foreign students, U.B.C.

Commerce: Kenneth Martin, BCom'46. Consultant, Management Research (Western) Ltd.

Education: Walter Hartrick, BA'47, PhD(Chic.). Assistant professor, College of Education, U.B.C.

Forestry: W. P. T. McGhee, BA'46. Forester with Crown Zellerbach Canada Ltd. Association: 1961-62, degree representative.

Home Economics: Patricia Creelman, BHE'59. Teacher, Delbrook Senior High School.

Law: Bryan Williams, BCom'57, LLB

'58. Andrews, Swinton & Smith, barristers and solicitors. Association: 1961-62, degree representative; chairman legal committee.

Library science: Robert Harriss, BLS '62. First assistant, circulation division, Library, U.B.C.

Medicine: Ralph M. Christensen, BA'50, MD'54. U.B.C. department of surgery, Vancouver General Hospital. Association: 1961-62, degree representative.

Nursing: Alice J. Baumgart, RN, BSN '58, U.B.C. school of nursing, St. Paul's Hospital. Association: 1961-62, degree representative.

Pharmacy: Douglas B. Franklin, BSP '59. Sales representative, Abbott Laboratories Ltd. Association: 1959-62, degree representative.

Physical education: J. Reid Mitchell, BPE'49, BEd'55. Instructor in school of physical education and recreation and College of Education, U.B.C. Association: 1960-62, degree representative.

Science: Anthony Davidson, BSc'59. Graduate student in geology, U.B.C.

Social work: Mrs. Douglas W. Fowler, BA'43, BSW'46 (née Laura Mills). Supervisor, adoption placements, child welfare division, provincial department of welfare. Member University Women's Club.

EX OFFICIO MEMBERS

Director, U.B.C. Alumni Association: Tim Hollick-Kenyon, BA'51, BSW'53.

Assistant director, U.B.C. Alumni Association: Gordon A. Thom, BCom'56, MBA(Maryland).

President 1962 graduating class: Rol-

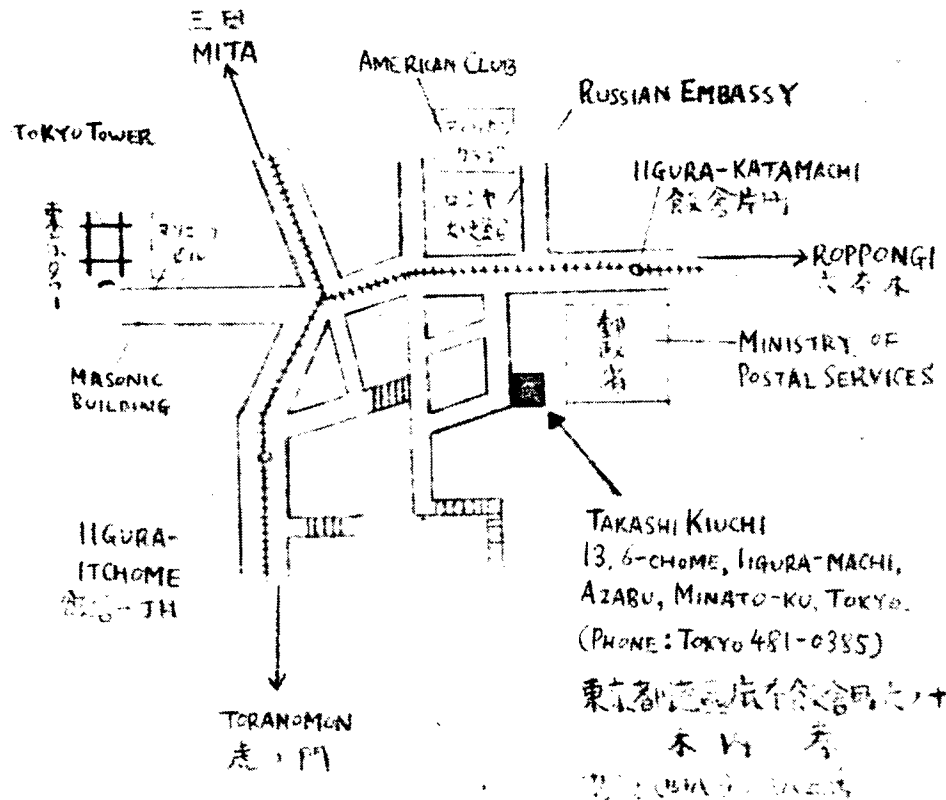
and Beaulieu, BCom'62. Ford Motor Co.

AMS president 1962-63: Douglas Stewart, Law 3.

Students' council representative: Malcolm Scott, Commerce 4. 1962-63, AMS treasurer.

NEWS FROM OUR BRANCHES

Tokyo is our newest Branch



Reproduction of blue print sent by Takashi Kiuchi to guide alumni to Tokyo meeting

Tokyo. The first meeting in history of the Tokyo U.B.C. Alumni branch was held on Saturday, March 31, at the home of the Alumni branch contact, Takashi Kiuchi, with a very interesting group, both graduates and students who had attended U.B.C. Yoshio Hida's photographs of the campus taken last year were a great success. Takashi writes: "You can imagine how you would feel if you were given an opportunity to see the pictures of the U.B.C. campus and British Columbia after thirty years. Re-

collections and a lot of conversations." Takashi reports that he is busy with several side-lines besides his work with Mitsubishi Electric: "Writing a book on Canada, meeting Dr. John Friesen, talking about you and Alumni Association activities, doing a lot of things with Canadian Embassy people, expecting Dean Andrew tomorrow evening, and so forth."

Following is a list of those who attended: George J. Korenaga, BCom'29;

Trusty Yoshimura (Mrs. Saito), BA'34; Yuriko Mizuno (Mrs. Moriya), BA'36; Kiyoko Yoshida (Mrs. Matsuzaki), BA'34; Peter S. Higashi, BA'38; Takashi Tachi Kiuchi, MA'60; Elizabeth Daly, BA'61; Tsutomu Tom Takeda, '58-'59; Yoshio Hida, '60-'61; Ken Sakurai, '60 Summer; Eisuke Yamaguchi, '60 Summer; Kiichi Asano, '61 Summer; Yukio Ishizuka, '61 Summer; Michi Hasebe, '61 Summer; George Cowley, Canadian Embassy.

Eastern Canadian branches busy

Ottawa. Dr. MacKenzie was the guest of honor at an informal reception held in Ottawa on February 19th at the University Club on Elgin street between the hours of four and six o'clock. There was a good turnout in spite of a blizzard that night, and the group presented Dr. MacKenzie with a copy of Roderick Haig-Brown's book, *The Living Land*. The function was arranged by a committee under the chairmanship of Ted Jackson, Ottawa branch president.

Hamilton. Plans are well under way for a reception in honor of Dr. MacKenzie and U.B.C. faculty members who will be attending the meetings of the learned societies and the NCCUC conference in Hamilton in the early part of June. The reception is scheduled for Tuesday, June 12, under the able chairmanship of Harry Penny. Since this date is so close to the *Chronicle* deadline, we shall report on the occasion in the next issue.

Nursing division

One hundred attended the Nursing Division's dessert and coffee party held on April 2, at the Faculty Club.

Specially invited guests were Mrs. N. A. M. MacKenzie and Dean Helen Mc-

Crae, with Mrs. Furnadjieff, advisor to the Student Nurses' Association of B.C., and Miss Elinor Graham, executive secretary of the Registered Nurses' Association of B.C.

New Contacts

Our network of Alumni branch contacts is widening. We welcome these new links:

Fort St. John. Art Fletcher, BCom'54, supervising principal, North Peace River high school, is one of the young community leaders of Fort St. John.

Vanderhoof. Dr. Alvin W. Mooney, BA'35, MD, MSc(Alta.), a longtime alumni supporter, is chairman of the School Board.

Chicago, Illinois. Mrs. Richard H. Thompson (Margaret Mary Leeson, BA'59), 7631 North Eastlake Terrace, Chicago 26.

Madison, Wisconsin. H. Peter Krosby, BA'55, MA'58, will be our contact when he joins the department of Scandinavian studies at the University of Wisconsin.



STANLEY T. ARKLEY was re-elected as president of Friends of U.B.C. Incorporated at their annual meeting in Bellevue, Washington, March 22. Robert J. Boroughs was elected secretary-treasurer.

Stan Arkley heads Friends of UBC Incorporated

Friends of U.B.C. Incorporated is established to accept donations from friends of the University living in the United States. Donations to Friends of U.B.C. Incorporated by persons subject to United States income tax are deductible as charitable donations.

Mr. Arkley reported that \$2,050.58 had been transferred from the Friends of U.B.C. Incorporated to the University of British Columbia in the year 1961. Mr. Arkley also stated that \$1,797.50 had been received directly by U.B.C. from United States alumni.

In addition to Stanley Arkley and Robert Boroughs, Frank Johnston, William Rosene, Cliff Mathers, Dan Young and Gordon Thom were elected trustees for the following year. Frank Johnston is president of the Seattle branch of the U.B.C. Alumni Association.

Persons living in the United States who make contributions to U.B.C. through the Friends of U.B.C. Incorporated should make their cheques payable to Friends of U.B.C. Incorporated, and mail them to Friends of U.B.C. Incorporated, 3649 Mossiel Road, Bellevue, Washington.

NEWS FROM OUR UNIVERSITY ASSOCIATIONS

Fraser Valley

The first annual meeting of the Fraser Valley University Association was held April 11 in the Abbotsford Junior High School. A good crowd attended to hear the guest speaker, G. F. Curtis, dean of the Faculty of Law, on the subject "Education and National Development." The meeting attracted people from all parts of the Fraser Valley including graduates of several universities across Canada.

During the brief business meeting, Mrs. G. E. W. Clarke spoke of the objectives of the Association and reported briefly on its work during the past year. The aim is to act as a liaison group between the University and Fraser Valley residents interested in the welfare of Education and also to keep its members informed as to the policy and progress of the University.

The executive committee arranged a series of speakers from the University. As one of this series, Dr. John F. McCreary, dean of the Faculty of Medicine, spoke in March on "New Horizons in Medical Education".

Last year's outstanding project was jointly sponsoring with International House several week-end tours of foreign students to the Fraser Valley. The Association arranged an interesting and busy programme for the visiting students, billeting them in alumni homes throughout the Fraser Valley during their stay.

Officers for the forthcoming year were elected. The complete list is shown in the Directory on page 42.

MARK IT ON YOUR CALENDAR

Saturday, June 23, at 2:30 for reception for Dr. MacKenzie—See p. 4.

Okanagan-Mainline

Alumni representatives from such distant points as Revelstoke and Kelowna met in Vernon, March 3, and formally constituted the Okanagan-Mainline University Association. Dr. E. M. Stevenson, of Vernon, was elected president of the Association.

The executive unanimously endorsed the idea of sponsoring a second Conference in the area to stress the inadequacy of present institutions to meet the needs of higher education in British Columbia.

A further meeting was held in Kelowna on April 7 to discuss the general plan and framework of the proposed Conference. At this meeting, it was decided that the Conference would be held in March, 1963, in Kelowna, as the culmination of Education Week activities, and that the theme should be similar to "Where Will Johnny Go to College in 1970?". Further meetings are scheduled to plan the Conference programme and arrangements.

Alumni respond to call for more Screening Committees

Alumni throughout British Columbia are responding to the call to participate in the increased number of scholarship screening committees needed this year. The need is caused by the sharp increase in the number of scholarships from twenty-two in 1961 to forty-two this year—one for each electoral district of the province.

All applications for U.B.C. Alumni Scholarships are first screened by a local alumni committee in each district of the

Vancouver Island

More than fifty alumni representing all parts of Vancouver Island held a luncheon meeting on Saturday, March 31, at Yellowpoint, near Nanaimo, and formally organized the Vancouver Island University Association. It was stressed that alumni of other universities were welcome to join as were non-graduates who were sincerely interested. Mr. Frank Walden detailed the objectives of regional organizations of the Alumni Association with voting representatives on the Board of Management. At the short business meeting, Mr. David Williams, of Duncan, was elected president; Mr. Jack Caldwell, of Campbell River, vice-president; and Mrs. Charlotte Moore, of Duncan, secretary.

The guest speaker for the meeting was Professor Ronald Baker, of the department of English at U.B.C., who spoke on the subject, "Who Will Go to College and Where?".

province and then sent to Dean Walter Gage at the University with recommendations. The regional scholarships are designed for high school students who are coming to the Point Grey campus or Victoria College for the first time. Each scholarship is for \$300.00.

Our sincere appreciation is given to the chairmen and members of these committees for their support and the time spent in this most worthy object.

Alumnae and Alumni

Items of Alumni news are invited in the form of press clippings or personal letters. These should reach the Editor, U.B.C. Alumni Chronicle, 252 Brock Hall, U.B.C., for the next issue not later than August 1, 1962.

1920

Harry I. Andrews, BSc, retired as vice-president, planning, research and development, MacMillan, Bloedel and Powell River Ltd. at the end of 1961. He joined the Powell River Co. as plant chemist in 1920. E. Douglas Sutcliffe, BAsC'43, MASc(Tor), has been appointed research director to succeed him.

1923

Joseph R. Giegerich, BAsC, general superintendent of the Consolidated Mining and Smelting Company's Sullivan Mine, at Kimberley retired April 30 of this year. Mr. and Mrs. Giegerich will now be living in Victoria.



Ab Richards

A. E. (Ab) Richards, BSA'23, MA (Wisc.), PhD(Cornell), DSc'49, has retired from the Canada Department of Agriculture, which he joined in 1931 as agricultural economist. He and Mrs. Richards spent the last year and a half with the Canadian delegation in Geneva, representing the departments of agriculture and of finance in negotiations with EEC and GATT. Dr. and Mrs. Richards, who have spent the last few months in B.C., were guests of honor at a U.B.C. dinner recently. His retirement coincides with the 40th anniversary of the Great Trek of which he was general chairman.

1924

Clifford C. (Gee) Ternan, BAsC, has been appointed a member of the Kamloops advisory committee of the Eastern Trust Company. Mr. Ternan is first vice-president of Savona Timber Company Limited and a director of Savona Sales Company Limited, wholesale dealers in lumber and plywood. He was formerly assistant chief forester for the Province of B.C., a member of the Canadian Institute of Forestry and a director of the Canadian Forestry Association.

1926

William A. Jones, BAsC, MASc'27, MA'28, PhD(Tor.), has been appointed consulting geologist with responsibility for the planning of all exploration projects undertaken by Hollinger Consolidated Gold Mines Limited in Timmins, Ontario. Dr. Jones has been with Hollinger Mines since 1930 and for the past ten years has served as chief geologist.

1927

The Rev. **J. Willox Duncan**, M.B.E., C.D., BA, is the new associate minister of First Baptist church in Vancouver. Rev. Mr. Duncan will serve as visitor and counsellor. He served overseas as chaplain during World War II and completed 21 years of service by remaining in Germany with the Canadian regular force establishments and the NATO brigade. Returning to Canada, he was appointed command chaplain, B.C. area, with headquarters at Jericho and later transferred to Western Command. He retired last fall with the rank of Lieutenant-Colonel.

1928

Joseph Marin, BAsC, BA'58, MA(III.), PhD(Mich.), head of the engineering mechanics department at Pennsylvania State University, taught his second course in "Properties of Materials" in Humble Oil and Refining Company's lectures in Science and engineering programme at Baytown, Texas. These lectures provide Baytown Refinery's technical force with an unusual opportunity to stay abreast of developments.

1929

Joseph W. Bishop, O.B.E., C.D., BAsC, who recently retired from the army, has been made a vice-president of Ingledow Kidd & Associates Limited. He has established a branch office of the firm in Colombo, Ceylon, from which he will also maintain contact with engineering activities of the organization in India.

James A. Taylor, BA, is the new deputy provincial health minister for British Columbia, succeeding Dr. G. F. Amyot, DSc, who has retired.

1933

Laurance G. Harris, BA, has been appointed general manager of MacMillan, Bloedel and Powell River Harmac and Converting Operations. He will be responsible for operations of Sidney Roofing and Paper Company, Martin Paper Products, Harmac Pulp Division, Island Paper Mills and Paper Converting Division. Mr. Harris, who received his BA in chemistry, has been with the company for twelve years.



W. O. Banfield

W. Orson Banfield, BAsC'22, MASc'23, was elected a Vancouver alderman on his first try last December. Mr. Banfield, who recently retired from the insurance business, has a long record of voluntary public service in the Red Cross and for 19 years as a member of Vancouver General Hospital board of trustees. Both his children are graduates, **Jane Banfield**, BA, LLB'54, now programme officer with the UNESCO national commission in Ottawa, and **John**, BCom'56.

Sorry!
We left out
their names



T. J. Campbell

Thomas J. Campbell, LLB'52, was also elected a Vancouver alderman last December. He ran as candidate in the election for May the year before. Mrs. Campbell is the former **Juliette Lewis**, BA'49.

These names should have been included in the list of graduates who had run for public office in the province, which was published in the *Spring Chronicle*. We apologize for omitting the names of those closest to home.

Our "Missing Grad

Mrs. Everett Day Hawkins (Kathleen M. Greenwood, BA'33) tells us that this painting was inspired by her first vivid impression as the plane emerged from high clouds to land at Bangkok.

Mrs. Hawkins is the wife of the chairman of the department of economics and sociology at Mount Holyoke College, and has travelled widely with him, twice to postings in Indonesia. In June 1957 she took her AM degree in modern French literature at Mount Holyoke; she says that her thesis on André Malraux and his volumes on art, immediately followed by a stay of a year and a half in Jogjakarta, Centra Java, with the opportunity to study some of the ancient civilizations of southeast Asia, has greatly influenced her painting. She has exhibited frequently and is represented in a number of private collections.

Mrs. Hawkins wrote to the *Chronicle* when she heard through Otto Niedermann, BASc'26, that *U.B.C. Reports* had



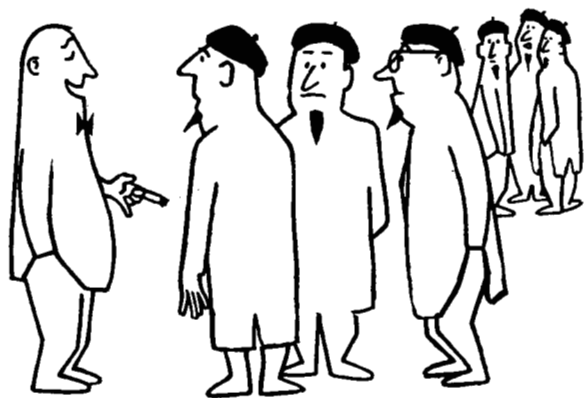
Mrs. Hawkins with "Rice Terraces."

listed "Kathleen M. Greenwood, BA'33" as a missing grad. Shortly after graduating from U.B.C. with combined honors in French and Latin she won a scholarship to the Alfred Zimmern School of International Relations in Geneva, Switzerland, then joined the staff of the Canadian Advisory Officer to the League of Nations where she remained as private secretary to Dr. Riddell and later to Hume Wrong until 1940 when she went to New Zealand via the Suez Canal to be private secretary to Dr. Riddell, the first Canadian High Commissioner to

of the Year"

New Zealand. She acted as High Commissioner for four months in 1944 during the illness of Dr. Riddell. In 1945 she resigned from the department of external affairs to become Public Relations screenings officer for the National Film Board. In that capacity she visited Vancouver in 1950. "I still remembered the days of the campaign back in 1931 or '32, I forget which, when the entire student body took four days off from lectures to cover the city on foot with a petition to keep the government in Victoria from closing the place for lack of funds. It was quite a sight to come back and witness the results!"

At present Mrs. Hawkins is a part-time instructor in the department of French language and literature at Mount Holyoke. She shares her husband's interest in the economic development of newly emerging nations, particularly in southeast Asia, and is studying the art of Asia at every opportunity.



But Did He Actually Say Anything?

IN THIS AGE of free-wheeling, non-stop verbalizing it doesn't seem to matter whether or not anybody knows what he is talking about. But seems is the operative word; it just seems that way. There are still quite a lot of people around who get an aesthetic boot out of the increasingly novel experience of listening to someone who has the facts as well as the words and music. Of course nobody can know everything, but anyone can make a start toward a new era of informed communication just by keeping track of what's going on around him . . . by, for instance, reading regularly a well edited journal of news and opinion, like *The Sun*.

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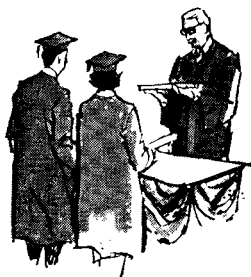
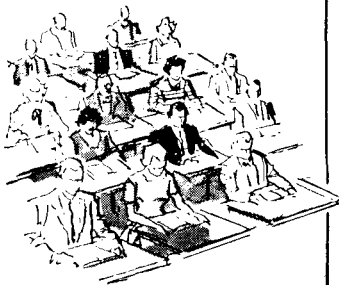
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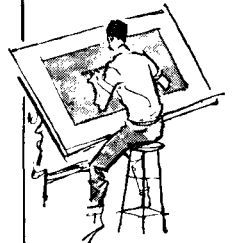
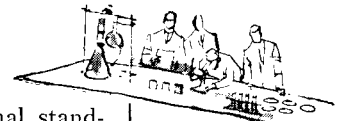


In the belief that the question of educational standards is one of the most vital facing us today, and in the further belief that the process of learning extends through a lifetime, *Sun Life Assurance Company of Canada*, in its Values in Education series, is offering leaflets ranging from 'Why Stay in School?' to 'Adult Education Today'. For the teen-ager planning his advanced education, for example, there are three leaflets that could prove of interest — 'The Value of a College Education', 'Why Study the Humanities?' and 'Scholarships and Bursaries'.

The leaflets extend beyond the realm of formal education. 'How to Get More Fun out of School' and 'Sports-Tips for Teen-Agers' should appeal to the youngsters and broaden the scope of their activities. 'Fit! Fat! Fad!' stresses the importance of physical fitness for the 12-20 year group and suggests various exercises to help them attain this ideal. For young people thinking of a trade, there is 'What About Technical and Trade Schools?' For those who wish to make the most of their retirement years, 'Educating Yourself for Retirement' and 'New Horizons for Leisure Time' should prove helpful.

All these leaflets, and others which will follow, are offered free of charge and without obligation. Bulk supplies are available for schools and other organizations.

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VALUES IN EDUCATION, ROOM 218, SUN LIFE BUILDING, MONTREAL





George Okulich,
BSA'33

George J. Okulich, BSA'33, MSA'35, has been appointed assistant general manager by the board of directors of the Fraser Valley Milk Producers' Association. He has been with FVMPA for 31 years as chief bacteriologist, and since 1948 as production manager. During World War II, he held the rank of Lt.-Colonel in the Canadian Army overseas. He is an honorary lecturer at U.B.C.

A. B. (Sandy) Sanderson, B.A.Sc., of A. B. Sanderson and Company Limited, Victoria and Vancouver, is the newly elected president of the Association of Professional Engineers of B.C.



L. T. Rader,
B.A.Sc'33

Louis T. Rader, B.A.Sc., M.S.(Cal.Tech.), Ph.D.(Cal.Tech.), who was vice-president of ITT has accepted a position as president of the Univac Division of Sperry Rand, the computer division of Remington Rand. The company has plants in Massachusetts, New York, Pennsylvania and Minnesota. Dr. Rader's headquarters are in New York. He has also been named a director of St. John's University in Jamaica, New York.

1934

Harry Katznelson, B.S.A., M.S.(Wash. State), Ph.D.(Rutgers) has been elected a fellow of the Royal Society of Canada. Dr. Katznelson was awarded the honor in recognition of his scientific work as director of the federal government's Microbiology Research Institute in Ottawa.

George J. Korenaga, B.Com., has been appointed director of a representative office of the Bank of Nova Scotia in Tokyo. Mr. Korenaga took post-graduate work at Stanford University. He has spent twenty years in the international department of one of the largest commercial banks in Japan.

1935

Italo A. Rader, B.A.Sc., sales manager for Canada for the Allan Bradley Manufacturing Company in Galt, Ontario, has been appointed director and vice-president of the parent company in Milwaukee.

1937

William N. English, B.A., Ph.D.(Calif.), has been appointed director of Bedford Institute of Oceanography at Dartmouth,

Nova Scotia. The \$4,000,000 research centre is now under construction. Dr. English, a marine scientist, was deputy superintendent of the Defence Research Board's Pacific naval laboratory at Esquimalt before taking over his new post on April 15. He heads a force of 300 scientists.

1938

Irvine J. Adair, B.A.Sc., has been appointed director of purchases for the Aluminum Company of Canada Limited.

John S. Kendrick, B.A.Sc., vice-president of Sandwell International Limited, has been elected vice-president of the B.C. Professional Engineers Association for 1962.

1939

John Davis, B.A.Sc., B.A.(Oxon.), B.A.Sc. (Oxon.), Ph.D.(McGill), won the nomination as Liberal candidate for Coast Capilano in the June election.

John Guthrie, B.A., M.A.'40, has been appointed mill manager of the Celgar mill in Castlegar. Celgar is a subsidiary company of Columbia Cellulose Company Limited.

J. Gordon King, B.A.Sc., has been appointed to the position of plant manager of the Vancouver Marpole and Granville Island plants of Monsanto Canada Limited.

1940

Mrs. Arthur D. Beirnes (né Virginia Galloway, B.A., LL.B.'49) has returned from New York which she visited as winner of the United Nations Fellowship awarded by the Canadian Federation of Business and Professional Women. En route home she addressed a number of Business and Professional Women's clubs in eastern Canada. Mrs. Beirnes was elected president of the Vancouver Council of Women at its recent annual meeting.

Darrell T. Braidwood, B.A., M.A.'41, was elected by acclamation as president of the 1962 Vancouver Board of Trade, which this year celebrated its 75th anniversary. His election marks the first father-and-son succession in the Board's history; the late Thomas Braidwood held the office in 1947.

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R. K. Porter,
BCom'42

1941

T. Arthur McLaren, BAsC, president of Allied Builders Limited in Vancouver, has built a \$250,000 federal government survey and service ship, the *Hugh Young*, for use on the Mackenzie river. After completion the ship had to be cut into nine parts and shipped by rail to Waterways, 460 miles north of Edmonton, where it will be put back together.

William E. Mills, BAsC, is senior mechanical engineer for the B.C. department of public works.

1942

Robert K. Porter, BCom, is executive vice-president and general manager of Thomas J. Lipton Limited. He is also a director of the Tea Council of Canada and Lever Brothers Limited. He and his wife, the former **Agnes Merle Turnbull**, BA'37, and their four children are living in Toronto.

1943

Andrew W. Snaddon, BA, after five years as associate editor of the *Calgary Herald*, is now managing editor of the *Edmonton Journal*. Mr. Snaddon was *Ulysses* editor, 1942-43. He is well-known as a commentator for CBC and private radio and has been writing a regular weekly report on Alberta for *Toronto Globe and Mail*.

E. Douglas Sutcliffe, BAsC, MASc (Tor.), formerly with the B.C. Electric, is executive director, central planning and research department, for MacMillan, Bloedel and Powell River Ltd. He succeeded **Harry I. Andrews**, BSc'20, who retired last winter.

1944

Charles H. Clay, BAsC, is the author of a book, *Design of Fishways and other Fish Facilities*, recently published by the department of fisheries of Canada. Mr. Clay has been with the department since 1949 as chief engineer and chief of fish culture, Pacific area.

Robert A. Davidson, BAsC, is manager of the motor and generator department for Canadian Allis-Chalmers Limited. Mr. Davidson has been with the company for seven years in the electrical division.

Lino Giuriato, BCom, and his brother, **David Giuriato**, BA'51, are vice-president and general manager, and production superintendent, respectively, of Bonus Foods Limited, a company which started when Luigi Giuriato, their father, and president of the company, began making ravioli in his kitchen. The company caters to the export business but the major volume of sales remains in Canada.

Phyllis Lapworth, BA, was presented with the Medicine Hat, Alberta Quota Club's "Lady of Merit" award in February. Each year the club honors an outstanding woman for voluntary contributions to the betterment of the community. Miss Lapworth is chief librarian of Medicine Hat public library.

Terence W. McLorg, BAsC, is now executive secretary of the Canadian Refrigeration & Air Conditioning Association in Toronto. Mr. McLorg is currently serving as chairman for the Ontario provincial advisory committee for apprenticeship in the refrigeration trade.

1945

James Hatter, BA, PhD(State Coll. of Wash.), has been appointed to the newly-created post of assistant game director for B.C. Dr. Hatter joined the fish and game branch in 1948 and has been the chief game biologist until his new appointment. He was the first biologist appointed by the government.

Ross G. Woodman, BA, MA(Man.), PhD(Tor.), chairman of the department of English at Middlesex College, University of Western Ontario, has been awarded a Nuffield Fellowship for one year's study in England. Dr. Woodman will do research on the major romantic poets of 19th century England. A book written by him on the poetry of Shelley is expected to be published soon.

1946

Gilbert M. Josephson, BAsC, has been named to the newly-created position of manager of development, Sifto Salt Limited, a subsidiary of Dominion Tar & Chemical Co. Ltd. Mr. Josephson will be concerned directly with the company's new products, processes and plants. His headquarters are in Montreal, Quebec.

Denis C. Smith, BA, BEd'47, DEd (UCLA), was unanimously recommended by the board of directors of the Canadian Psychological Association for full membership in the Association. Dr. Smith is a professor in the College of Education at U.B.C.

H. O. H. Vernon-Jackson, BCom, BA '47, is now principal of the Government Teacher Training College in Kumba, West Cameroun, in tropical rain forest 64 miles inland from the coast. In the United Nations plebiscite the people of the former Southern Cameroons voted to join the independent, neighboring ex-French Republic of Cameroun. After the departure of the British trusteeship government, Mr. Vernon-Jackson was invited to remain. He was in Paris in January seeing audio-visual intensive language training centres in connection with a College research project in Kumba. This project aims at an entirely new syllabus suitable for education in an independent

territory that was once German, then British (although attached to Nigeria), and now a part of a republic based on a French tradition. He writes that life there is full of interest, and that the Camerounians are hardworking, dedicated to making a success of their country, and could not be friendlier nor more hospitable. Mr. Vernon-Jackson has been in West African educational administration for the last ten years. He had special duties during the Northern Nigeria self-government celebrations in 1959, then with the United Nations plebiscite in North Cameroons, and was organizer of the Universal Primary Education scheme for the Kano urban area, Northern Nigeria's largest city.

1947

Bertram N. Brockhouse, BA, MA, PhD (Tor.), research officer of Atomic Energy of Canada Limited in Chalk River, Ontario, received the Oliver E. Buckley solid-state physics prize for 1962. The prize—a medal and cash award of \$1,000—was presented at the joint annual meeting of the American Physical Society and the American Association of Physics Teachers held in Toronto. Dr. Brockhouse won the award for outstanding contributions to the study of phonon-spectra and spin-wave spectra of solids by scattering of neutrons.

Lawrence W. Downey, BA, PhD (Chic.), has been appointed head of the division of secondary education at the University of Alberta. The appointment will be effective July 1. An associate professor in the division of educational administration since 1960, he is editor of *The Canadian Administrator* and director of the leadership course for school principals. He has contributed to several major publications dealing with educational administration.

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Stan Burke,
BSA'48

1948

Harold N. Burgess, BAsc, is now vice-president of the British Columbia Transformer Company Limited. Mr. Burgess has been general manager of the organization since its inception and will continue in this capacity.

Stanley L. Burke, BSA, has been appointed CBC permanent correspondent in Paris as of January 1962. Although stationed in Paris, Mr. Burke will be reporting throughout continental Europe. He will be contributing to CBC newscasts and CBC Newsmagazine and News Roundup. Some of our readers may have seen Mr. Burke's broadcast on CBC Newsmagazine after he had been barricaded by the OAS in Algiers.

Alan B. Chalmers, BA, was awarded a \$1,500 B.C. department of education scholarship for specialized study of remedial reading. Mr. Chalmers is an Alberni district secondary school teacher.

John S. Clark, BSA, MSA'50, PhD

(Cornell), has been with the Soil Research Institute, department of agriculture in Ottawa, since his transfer last November from their Soils Division near the campus. From 1956 to 1961, Dr. Clark was on the staff of the department of soil science at U.B.C.

William Scott Douglas, BAsc, has been appointed general manager of Strategic-Udy Metallurgy Limited (SUMAC) at Niagara Falls, Ontario. Mr. Douglas joined the company in 1957 as assistant to the plant superintendent. SUMAC is currently developing and demonstrating a new electric universal smelting process, which is a breakthrough in metallurgical technique. The new SUMAC facility is considered the largest of its kind in the world.

Morley R. Kare, BSA(Man.), MSA, PhD (Cornell), who received his master's degree in the field of poultry science, has been appointed professor of zoology at the North Carolina State College in Raleigh, N.C. Dr. Kare had been with Cornell University since he obtained his doctorate there in 1952 in the department of physiology.

William D. Korlie, BAsc, has been appointed vice-president and general manager of Sprague Engineering Corp.'s INET division in California.

Douglas C. Peck, BCom, BA'49, is the new editor of *Western Business & Industry* now in its thirty-third year of publication.

Robert McC. Rae, BSA, MAsc (Sask.), has left for Damascus as a United Na-

tions food adviser to the Syrian government. He had previously spent five years in India and was at the Brandon Agricultural College in extension work for western Manitoba before leaving on his latest assignment. He is the son of the Rev. Dr. **Hugh M. Rae**, BA'25, MA'27.

Lawrence L. Wilson, BA, MHA (Minn.), after more than four years with the Canadian Hospital Association as assistant director of educational programmes, has moved to a new post in Edmonton, Alberta. He has been appointed assistant director of Royal Alexandra Hospital, which has a new 600-bed hospital now under construction.

W. Maurice Young, BCom, MS(MIT), has been appointed president and general manager of Finning Tractor and Equipment Company. Mr. Young has been with the company for 15 years.

1949

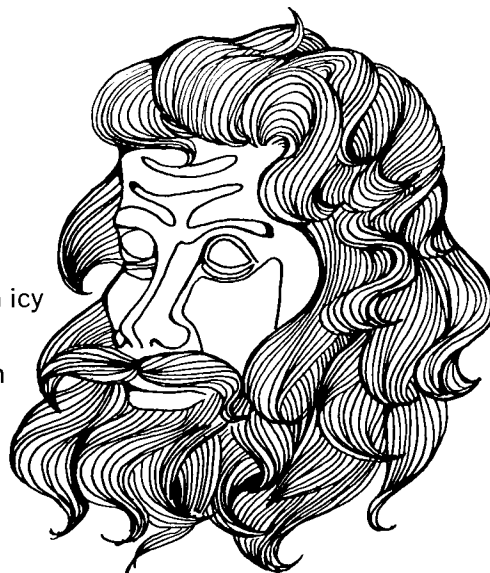
Frederick S. Gregory, BA, LLB'50, has been appointed London, Ontario's first full-time city solicitor. He was formerly solicitor for DVA and the Veteran's Land Act offices in London, and was a city alderman for the last two years until his new appointment.

A. David Levy, BA, joined Ogilvy, Benson & Mather (Canada) Limited in Toronto last November as advertising writer. For the past year and a half he has been pursuing his interest in Soviet affairs by writing for the business press and *Saturday Night*. He has also been on radio and TV.

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William N. McBain, BA, MA'50, assistant professor of psychology at San Jose State College, California, has received a \$30,000 grant from the U.S. department of health, education and welfare to study monotony as an accident predictor.

Hazel M. Macdonald, BA, is currently on furlough from Formosa where she is a Presbyterian missionary. Her work in Formosa was with the women in the Northern Synod of the Formosan Presbyterian Church.

Robert R. Reid, BCom, who teaches typographical design at Vancouver School of Art and is typographical consultant to U.B.C.'s editorial committee, has been awarded a \$4,000 Canada Council fellowship to work in Europe for a year. Mr. Reid and his wife, the former **Felicity Pope, BA'51**, and their four boys, will spend the year in England and travelling in Europe, studying the operation of private presses—the kind that produce books for beauty's sake in limited editions, not necessarily for profit. Mr. Reid runs one of Canada's private presses in his home in Burnaby.

The Rev. **Stewart D. Robertson, BA**, is the new minister of South Mountain United Church pastoral charge in Ontario. The charge includes churches at South Mountain, Heckston and Mountain. Mr. Robertson graduated from Union Theological College in 1953. With his wife, he spent some six years as a missionary in Japan where their three children were born.

James E. Smith, Jr., BASc, is vice-president of Computing Devices of Canada. He joined CDC in 1953 after four years as a research officer in aerodynamics with the National Research Council.

1950

George K. Petrunia, BASc, was appointed assistant general manager of the Bradshaw division of Dow Chemical of Canada Limited. Mr. Petrunia was formerly in the Sarnia plant of Dow Chemical as assistant superintendent of the plastics division. His new headquarters will be in Toronto.

A. Rhys Smith, BA, has been promoted to commander in the Royal Canadian Naval Reserve. He was also recently appointed honorary naval aide-de-camp to the Governor-General. Cdr. Smith has been with the Calgary District Planning Commission since 1951 and a director since 1957.



*John
Braithwaite,
BA'53*

1951

W. J. Camozzi, BA, BSW'52, has been named regional administrator of social welfare at Nelson. He spent three years as supervisor of social welfare in New Westminster and has just finished four years in the Vancouver district office.

Mrs. Michael Carlton (née Lois Mae Gill, BA, BSW'53) of the B.C. department of social welfare has been promoted to district supervisor for the areas of Nelson and New Denver.

Walter H. Lewis, BA, MA'54, PhD (U. of Virginia), has received a \$24,000 research grant from the National Science Foundation of Washington, D.C. Dr. Lewis has gone to Leeds, England and will also visit Africa in the course of his research. His wife, the former **Memory Patience F. Elvin, BA'52, MS** (U. of Penn.), will be working towards her PhD at Leeds University. They will be away two years.

Victor M. Petroskey, LLB, has been appointed secretary-treasurer of West Coast Acceptance Corporation Limited.

1952

Kenneth L. Burke, BA, LLB'58, with the department of immigration and citizenship, has left for a two year tour of duty in Hong Kong. Mr. Burke was formerly in Ottawa.

1953

John W. Braithwaite, BA, BSW'55, MSW'56, warden of Haney Correctional Institution, has been elected president of the B.C. Corrections Association. Mr. Braithwaite worked at Oakalla Prison Farm in Burnaby from 1953, and completed university while working full time. He joined the staff of the Haney Correctional Institution in 1956 as deputy warden of training and in 1958 was appointed to the position of warden.



*Ronald Davies,
BSA'54*

1954

Ronald E. Davies, BSA, MSA'56, PhD (Texas A&M College), who has been with the department of poultry husbandry at the Texas Agricultural and Mechanical College since 1954, has accepted a position as assistant professor of biochemistry (dermatology) at the Temple University Medical School and Biochemist, Skin and Cancer Hospital, Philadelphia. In addition to work on normal and abnormal mineral metabolism of the skin, he will participate in a programme to study the functions of vitamin A in keratinization, of vitamin B₆ in some conditions which respond to pyridine derivations, and of glucose in a type of local diabetes termed glychistechia. A grant of \$30,000 is available in support of the projects.

Ronald F. Turbitt, BASc, formerly with Union Carbide in New Jersey and Toronto has gone into the small boat business in Vancouver. Mr. Turbitt was a key man in the electric welding section of Union Carbide's development laboratory and is using the aluminum welding technique he helped to develop there. His are the only light-gauge aluminum boats built anywhere without a rivet.

1955

Victor R. Bennett, LLB, has been appointed vice-president and general manager of Timmins Aviation Limited, Montreal. Mr. Bennett has been with the company since 1956 having served as general manager for the past three years.

James E. Eccott, BCom, has been appointed sales supervisor, Quebec and Maritimes region, of Crown Zellerbach Building Materials (Eastern) Limited.

Ellis G. Lindsay, BA, BSW'58, was recently appointed district supervisor in the Prince George office of the department of social welfare. Mr. Lindsay joined the staff in 1953.

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John Jambor,
BA'57

1956

John J. McGhee, MD, has passed the final fellowship examination of The Royal College of Surgeons of Edinburgh, Scotland. Dr. McGhee interned at St. Paul's Hospital in Vancouver before leaving for Britain where he studied at Davenport General Hospital, Nottingham General Hospital and at the Royal National Orthopedic Hospital of London.

Leonard P. Sampson, BA(New Zealand), BEd, MEd'59, former teacher at Vancouver Technical School, has been appointed superintendent of schools in Bowness, a suburb of Calgary.

Earle W. Toppings, BA, has been appointed an assistant editor, trade department, for the Ryerson Press.

Ernest A. Unwin, BASc, MS(Arizona), has been appointed assistant professor of mathematics at Clarkson College of Technology in Potsdam, N.Y. Mr. Unwin had been a research fellow at the University of Arizona since 1959.

1957

Charles K. Harman, BASc, has been promoted to the position of district engineer, water rights branch, in Prince George. He was previously employed as divisional engineer in the fish and game branch in Vancouver.

John L. Jambor, BA, MSc'60, who has been with the federal department of mines in Ottawa for the past two years has received a singular honor at the age of 25. He was asked to address the International Mineralogical Association in Washington, D.C. in April on his new method of determining the composition of a mineral by X-ray. The technique provides a rapid method of determining the mineral structure of large bodies of rock. It will eliminate long arduous chemical analyses and optical studies which were formerly necessary.

Alexander M. Saunders, MD, begins his appointment as instructor in Pathology at Stanford Medical School this August. He will also do polysaccharide research there.

Arthur W. Verchere, BCom, LLB'58, was called and admitted to the B.C. bar in January.

John T. Whitely, BASc, formerly with the B.C. Telephone Company in Vancouver, has joined the engineering staff of Lynch Communication Systems Inc., San Francisco, California. He will be engaged primarily in product and modifications engineering.

1958

John F. Chant, BA, has been appointed assistant professor in the department

of economics at Queen's starting in September. At present he is doing post-graduate work at Duke University.

Michael D. Goldrick, BCom, MA (Queen's), has recently been appointed director of research of the Toronto Bureau of Municipal Research which aims at promoting efficient, economical government through research and objective non-partisan comment on the administration of municipal government. The Bureau, established 47 years ago is the only non-government organization in Canada supplying this type of information service. Its financial support comes entirely from voluntary contributions made by individual and corporate subscribers. Responsibility for the direction of its policy rests with a council composed of prominent men from business, industry and the professions, who donate their time and experience to the Bureau. The Bureau has had a long history of service to the Toronto area.

Neil V. Merrick, BCom, formerly assistant personnel superintendent for the Hudson's Bay Company in Vancouver, has been transferred to the Toronto-Hamilton division, where he will be personnel manager of Morgan Stores.

1959

Christopher L. Dyble, BSA, has been appointed B.C. Hydro Authority farm service representative for the areas of Langley, Haney, Surrey and Delta. His office is in Abbotsford. In his new position Mr. Dyble will assist farmers generally. He will give particular attention to applications of electricity and natural gas on the farm.

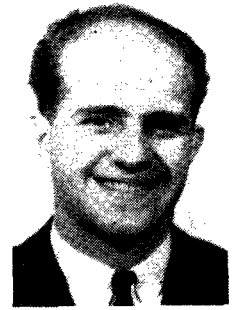
1960

Norman R. Gish, BA(Alta.), LLB, has been posted to Hong Kong as an assistant Canadian government trade commissioner. Mr. and Mrs. Gish, the former **Joan Ann Thompson, BA**'58, and their small son will be leaving early in August for an extended two and one-half years.

Elizabeth H. Halley, BA, MA(Wisc.), has joined the staff of the East Suffolk Library in Ipswich, England as graduate assistant librarian. She is learning the British library system before moving on to a branch library. Miss Halley has her master of arts in library science. Before going to Britain she worked in the Vancouver Public Library.

Anna L. Hamilton, BA, after completing the Harvard-Radcliffe programme in business administration, is teaching at Orangeville district high school in Ontario. The Harvard-Radcliffe programme is a one year course for young women graduates who have received their education in liberal arts.

Edward Cecil Roper, BSc(Alta.), MBA, has been appointed principal of B.C.'s first Institute of Technology which, it is hoped, will be in operation by September 1, 1963 in Burnaby. For the past year Mr. Roper has been on the staff of UBC's Faculty of Commerce and Business Administration. Previous to that, he was president of Howe Sound Mining Company, the parent company of Britannia mines and others in Mexico, Canada and the U.S.



Frank
Iacobucci,
BCom'61

1961

Ernest G. Enns, BSc, a post-graduate student at U.B.C., has received a \$2,400 National Research Council fellowship to study physics.

Frank Iacobucci, BCom, LLB'62, has been awarded a Newton W. Rowell fellowship for post-graduate studies in public international law. Mr. Iacobucci has applied to attend Cambridge University. The \$1,800 grant is from a trust fund established by the late chief justice of Ontario who was also the founder of the Canadian Institute of International Affairs, which now administers the fund.

James B. Johnston, MD, after finishing his internship at the Youngstown Hospitals plans to take a residency in psychiatry in Pennsylvania.

Athlone Fellowships

These graduates were awarded Athlone Fellowships for 1962-64.

D. L. Birdsall, BASc'62, Vancouver.

B. L. Eyford, BASc'62, North Burnaby.

A. D. Gosman, BASc'62, Quesnel.

R. A. Ploc, BASc'62, Vancouver.

W. D. Rion, BASc'62, Sarnia, Ontario.

P. A. Wiebe, BASc'60, Vancouver.

Wilson Fellowships

These graduates were awarded \$1,500 Woodrow Wilson Fellowships for graduate studies. The awards are given annually to outstanding students of the humanities, social sciences and natural sciences. Award winners may attend any Canadian or U.S. graduate school and are encouraged to use the experience as preparation for careers in college teaching.

David H. Berg, BA'62, Vancouver.

David M. Bromige, BA'62, Vancouver.

Loranne M. Gordon, BA'62, Vancouver.

Erich J. C. Hahn, BA'62, Vancouver.

Gustavus E. Huige, BA'62, Vancouver.

Howard Lim, BA'62, Vancouver.

John L. Paynter, BA'62, Vancouver.

George S. Pond, BA'62, Vancouver.

Alexander Rebman-Huber, BA'62, Vancouver.

Robert S. Thomson, BA'62, Victoria.

Gerald E. Tripard, BA'62, Vancouver.

Marriages

BURTON-MARTIN. W. Donald Burton, BA'58, to Ayliffe Martin, in Kyoto, Japan.

DE DABOUB LEAL-RUSSELL. Jorge de Daboub Leal to Roberta Marie Russell, BEd'60, in Mexico City, Mexico.

HOME-BAKER. George Home, BCom'61, to Donna Elizabeth Baker, in Vancouver.

JEPHSON-FLACK. Ronald John Jephson, LLB'56, to Judith Linnie Flack, in Kitimat.

KIRK-NELSON. Denis Heggen Kirk, BArch '61, to Madelene Alexandra May Nelson, BHE'61, in Vancouver.

MCGUINNESS-GRUBB. William Fredrick McGuinness to Geraldine Joyce Grubb, BA'57 in Montreal, Quebec.

MCLENNAN-SAUNDERS. Alexander Norman McLennan, BSc'61, to Sally Irene Saunders, in Vancouver.

MARTIN-ANDERSON. Charles Frederick Martin to Agnes C. Anderson, BA'21, (née Healy), in Tacoma, Washington, U.S.A.

PEERLESS-BAXTER. Sydney John Peerless, MD'61, to Priscilla Ann Baxter, in Vancouver.

JEFFREY-ROBINSON. Walter William Jeffrey to Robena Claire Robinson, BA'57, MA'60, in Cambridge, N.B.

SAUER-CASSELLS. Charles Douglas Sauer, BASc'59, to Agnes Joan Cassells, in Ottawa, Ontario.

TURNBULL-GOURLAY. Kenneth Walter Turnbull, BASc'60, to Deanna Ruth Gourlay, BSN'61, in Vancouver.

WIEBE-ROSENE. Paul Arthur Wiebe, BASc'60, to Joanne Wendy Rose, in Vancouver.

WILD-NACHTRIEB. Alexander Wild, BASc '56, to Sheila Ann Nachtrieb, BA'58, BSW'59, in Vancouver.

Births

MR. AND MRS. J. V. S. ANTLE, BCom'55, (née ELIZABETH ROSE HOGG, BA'56), a son, Gregory Michael, February 11, 1962, in New Westminster.

DR. AND MRS. DOUGLAS P. BLACK, MD'61, (née DOROTHY MAY SKEET, BA'57), a daughter, Dorothy Lee (Dori), January 11, 1962, in Vancouver.

MR. AND MRS. G. DAVID HAMILTON, BEd '61, a daughter, Barbara Elaine, April 15, 1962, in Vancouver.

MR. AND MRS. BERNARD A. HESKIN, BASc '58 (née Marie Cecila Kluck, BSN'58), a son, John Anthony, April 16, 1962, in Vancouver.

MR. AND MRS. LAURENCE LIBBERT, (née MARGARET PAULINE LOW-BEER, BA'50), a son, David Max, March 11, 1962, in London, England.

MR. AND MRS. F. D. MOYLS, BA'46, a daughter, Arlene Frances, April 21, 1962, in Vancouver.

MR. AND MRS. GEORGE R. RICHARDS, BSF '59, (née SELMA-JO DIXON, BCom'57), a son, Christian Thomas, December 15, 1961, in Nakusp.

MR. AND MRS. PETER R. ROMANCHUK, BCom'56, a son, Peter John, September 5, 1961, in Kelowna.

DR. AND MRS. SAUNDERS, MD'57, a daughter, Joanne Carol, April 18, 1962, in Chicago, Illinois, U.S.A.

MR. AND MRS. ROBERT F. SNOWBALL, BASc'59, MAsc'61, a son, John Forrester, April 14, 1962, in Birmingham, England.

MR. AND MRS. JOHN B. THWAITES, BA'40, MA'41 (née SHEILA M. OGILVIE, BA'46, BASc'47, a son, David Ronald, July 6, 1961, in Vancouver.

MR. AND MRS. K. F. WEAVER, B'Com'49, a son, Jonathan Gavin, February 27, 1962, in West Vancouver.

MR. AND MRS. WILLIAM A. T. WHITE, BCom'48, a son, Ian Richard, February 20, 1962, in Ottawa.

MR. AND MRS. THOMAS E. WYNNE, BASc '59, (née ELIZABETH J. DONALD, BSN '57), a daughter, Mary Elizabeth, December 13, 1961, in Vancouver.

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Deaths

May Barclay, BA'19, MA'20, for many years assistant professor in the department of mathematics, died on February 5 of this year. Although several indomitably restricted years of ill-health had obliged her to give up her work in 1961, she had the happiness of a year in the old home in New Westminster in which she had lived since 1908. Her family had earlier come to British Columbia from Port Elgin, Ontario, where May was born.

May was an undergraduate of U.B.C. in the days of the old Fairview shacks, a graduate student at the time of the Great Trek, and a member of the teaching staff for almost forty years. During this long span, able students were delighted by the notable clarity of her lectures, and countless lame dogs were helped over the stile of freshman maths. At the time of her retirement appreciative notes both from the mathematical and the non-mathematical delighted May's heart.

Hers was a nature essentially loyal and undemanding. Her friends—both of the old student days and of later times—pay tribute to such qualities by continuing to think and speak of her as "dear May".

H.R.

1920

Allon Peebles, BA, PhD(Columbia), died March 13, 1962 at the age of 61 in Ottawa. A medical and labor research economist, he was chairman of B.C.'s first Health Insurance Commission in 1936 and helped fashion the later B.C. Hospital Insurance Service. He went to Ottawa in 1941 as first executive director of the Unemployment Commission and was in charge of the labor department's research and statistics. Dr. Peebles earlier taught economics at the University of California and at Columbia. He wrote several books on medical facilities, insurance and care. After retiring from the labor department in 1947, he entered private business in Chatham, Ontario. Dr. Peebles, who was born in New Westminster, is survived by his wife, three daughters and three sisters.

1922

Mrs. Crawford F. Failey (née **Christie Urquhart**, BA), died of a heart attack at her home in Terre Haute, Indiana, on February 1, 1962. Her death came without warning; she had been well and strong. As Christie Urquhart she was a well-known and popular member of the student body. She was born in Scotland and lived on Lulu Island while attending U.B.C. She graduated in chemistry, in which she was a brilliant student. In her final year she was on the Students' Council which planned the Great Trek.

1923

Arthur Hugo Ray, BA, died February 10, 1962 at the age of 58 in Vancouver. Mr. Ray, an authority of municipal affairs, was chairman of the Metropolitan Joint Committee which reported on the pros and cons of unifying administrations and services in eleven lower Mainland municipalities. Called to the B.C. bar in 1927, he was a graduate of the Vancouver Law School that preceded the law faculty at U.B.C. He was elected president of the Vancouver Bar Association in 1959. After many active years on the West Vancouver council he retired from municipal office when named to head the metro inquiry. He had also been a provincial director of the Red Cross and president of its West Vancouver branch, president of the B.C. Theatre Association, president of the Kitsilano Boys' Band, secretary of the Medico-Legal Society of B.C. and secretary of the insurance section of the Canadian Bar Association as well as member of the Vancouver Community Planning Association. Mr. Ray, who was born in London, England, came to B.C. in his infancy. He is survived by his wife, four sons, two daughters and a brother.

1926

The Rev. **George A. Hamilton**, BA (Alta), MA, who was ordained while serving as a stretcher-bearer with the Canadian army in Belgium in 1919, died in Vancouver on March 1, 1962. Born in Sunderland, England, he came to British Columbia in 1910 and took his BA at the University of Alberta. Mr. Hamilton served in churches in Powell River and

Creston before retiring from St. Giles United Church, Vancouver, in 1957, and served a term as president of the B.C. Conference of the United Church. He was United Church chaplain for Vancouver General Hospital, St. Paul's and Pearson TB hospitals, and Canadian Legion TB Veterans, Branch 44. A past member of the senate and board of governors of Union College of B.C., he received an honorary DD in 1954. He is survived by his wife, a son and daughter and four grandchildren, all of Vancouver.

1929

Francis McGregor Robertson, B.A.Sc., died January 23, 1962, at his home in Cornwall, Ontario. He was 56. Mr. Robertson, who joined Canadian Industries Ltd. following graduation, had lived in Cornwall since 1939 when he was appointed assistant works manager of their Cornwall plant. He was named works manager in 1946. He was a member of the city Harbor committee, Cornwall Board of Trade, Cornwall general hospital board of governors, the Chemical Institute of Canada, Cornwall Kiwanis Club, Curling Club and the Cornwall Golf and Country Club. Mr. Robertson, who was born in Victoria, is survived by his wife and two sons. A brother, Gordon Robertson, lives in Vancouver.

1934

John Utting Copeman, PE, B.A.Sc. in civil engineering, died suddenly March 5, 1962, in Victoria. He was bridge maintenance engineer for the department of highways. Major Copeman, who was born in Calgary, Alberta, had his early education in England and Victoria and attended the University of California for three years. After working for a few years as a rodman he entered U.B.C. He joined the provincial department of public works as a draughtsman the year he graduated. From 1939 to 1945 he served with the artillery. Rejoining the civil service as an engineer, he became resident engineer in 1947, bridge inspector in 1951 and bridge maintenance engineer in 1957. He is survived by his wife and one daughter.

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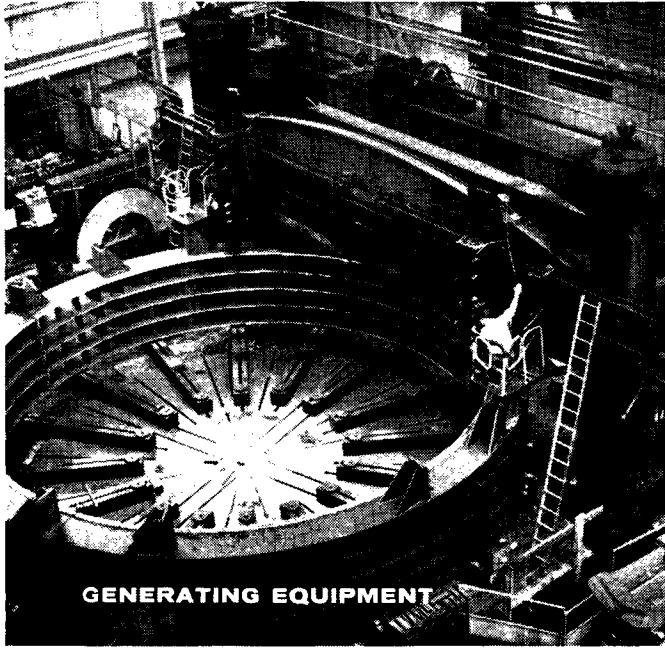
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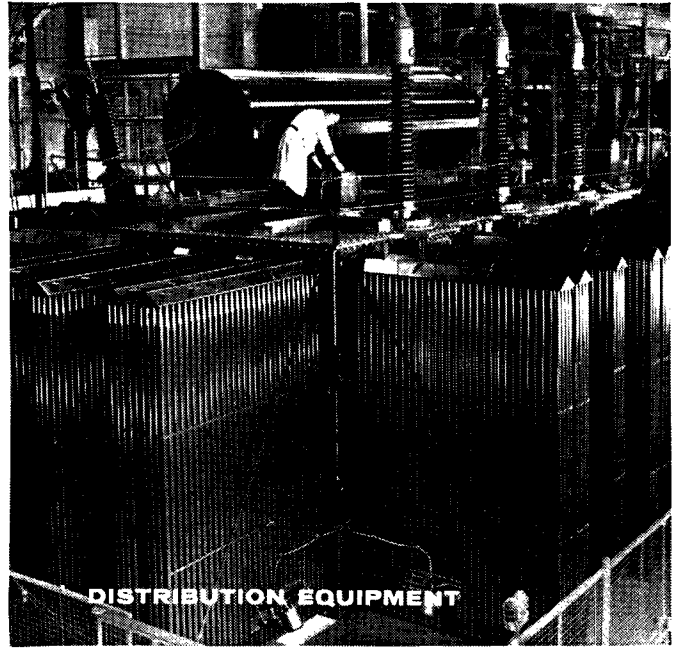
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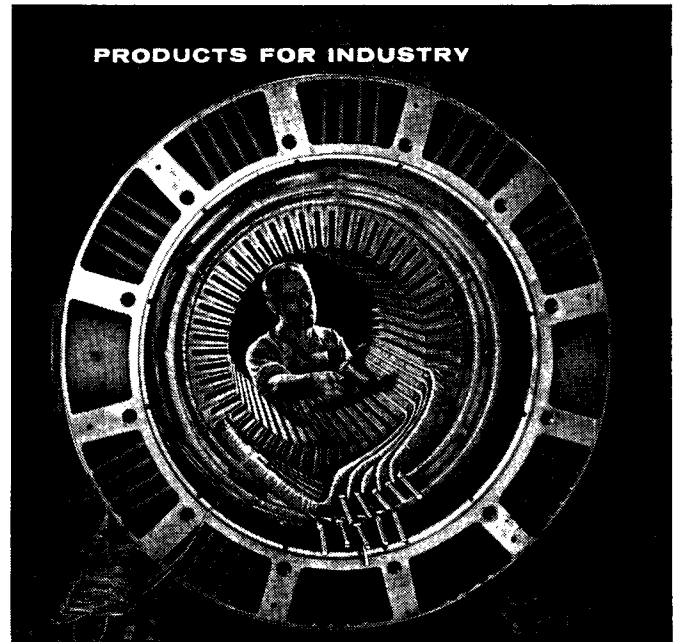
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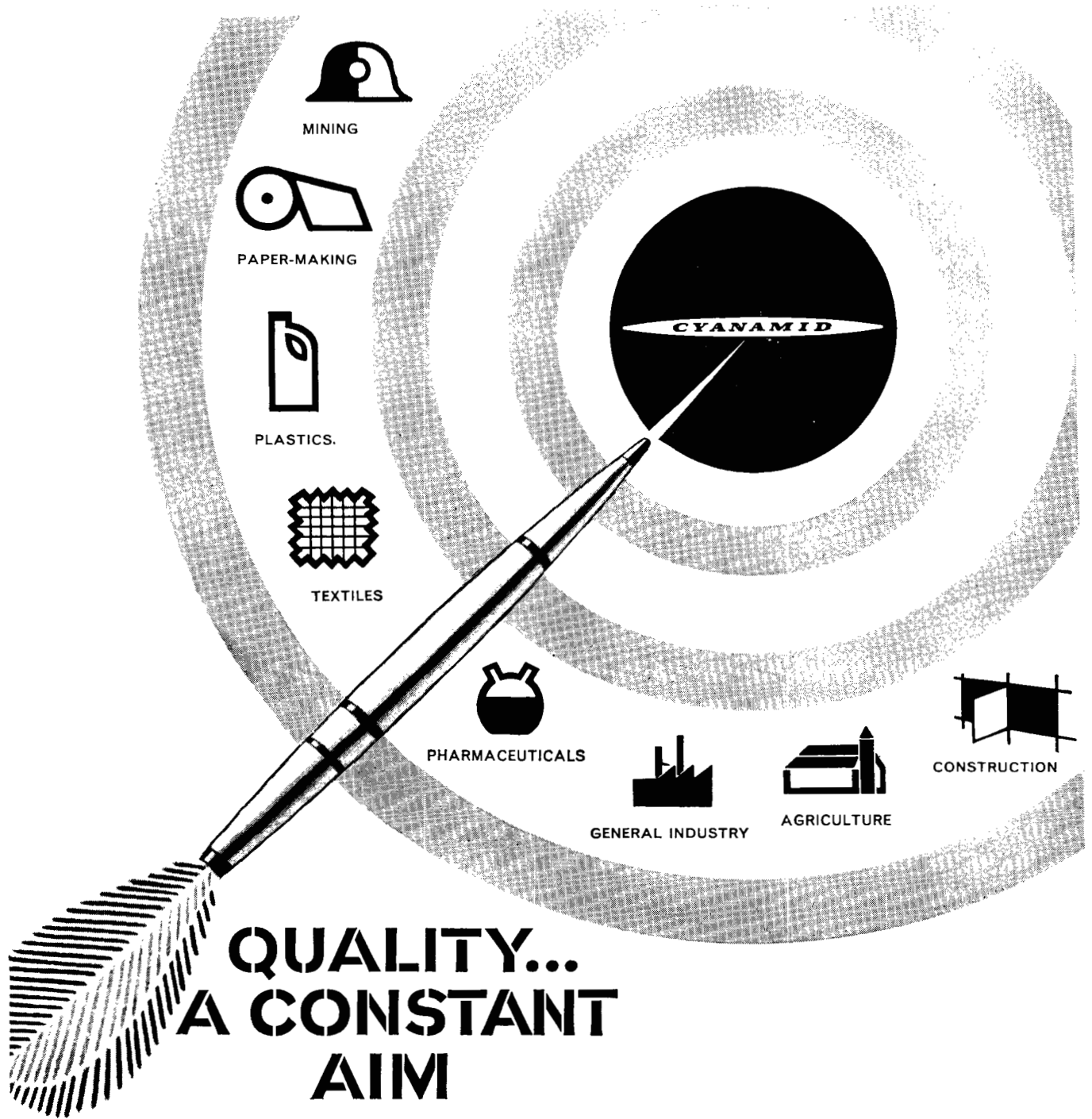
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