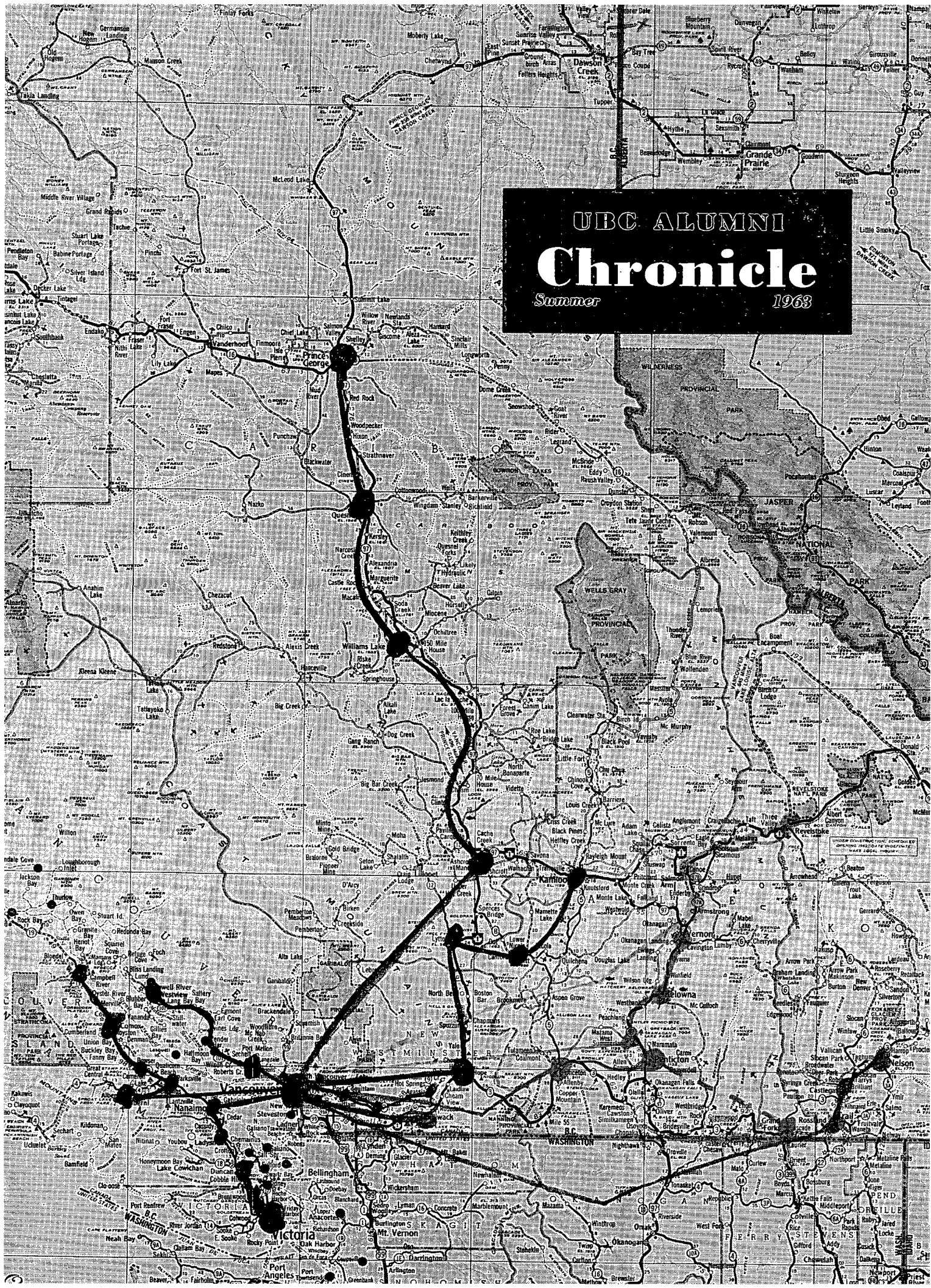
UBC ALUMNI
Chronicle
Summer 1963

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U.B.C. ALUMNI CHRONICLE

Volume 17, No. 2 — Summer, 1963

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COVER PICTURE

Reproduced on cover is road-map found in Student Action Committee office after Back Mac campaign. Routes marked were followed by the 10 busses carrying 41 passengers each, including a bus leader and town leaders. "Bus No. 11", a Volkswagen bus, capacity 9, went to Powell River. Many left the busses at the farthest point, and continued by hitch-hiking. Jolyon Hallows went to Fort St. James and Denis Stanley to Nakusp. From Vancouver Island students reached Texada and Quadra Islands.

Most of the more populous areas were covered by the bus routes with the exception of the North-west and the Peace River country.

The Interior campaign was the most important phase of Student Action Week.

Paul S. Plant

A Year of Reassessment

DURING THE PAST YEAR Frank Walden in his scholarly way used this editorial page to place before you the basic policy of the Board of Management of the Alumni Association. I hope to continue this practice in order to draw to the attention of the readers of this magazine some of the Board of Management's problems in its relationship not only with the students and administration of the University but also with the business community and the provincial government.

At the Annual Dinner in May you elected an able Board of Management to run the affairs of this Association. I hope that together we will be equal to the responsibilities in the year ahead, which can best be described as a year of austerity.

Our operational grant from the Board of Governors for the coming year has not been increased; it has been maintained at last year's level, even though we now have 2,000 more graduates to serve. To meet our budget we are reducing our staff in the central office which will force curtailment of some of our activities instead of planned expansion. To offset the lack of staff, all members of the Board of Management and other interested alumni volunteers will find themselves more closely involved in the committee work of the Association.

Because of this austerity we plan to discuss with the University the feasibility of incorporating the functions of the two publications, *UBC Reports* and *UBC Alumni Chronicle*. It is our hope to produce and mail an Alumni magazine to all graduates rather than to graduates donating to an Alumni Annual Giving fund. To do this, however, will require more money, and we hope that by incorporating the budget of *UBC Reports* we will be in a position to bring you a more thorough picture of alumni and faculty affairs.

We intend to take the following steps in several other important areas of our work:

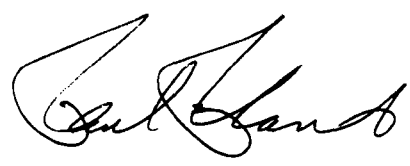
- To increase contact between the University and the business community, we will call together a council of Past Presidents of this Association to meet with Dr. Macdonald and possibly representatives of the Board of Governors to discuss problems of mutual concern in the University community.
- We intend to reassess the purposes of Alumni Annual Giving and work towards co-ordination of all University fund-raising activities through the Development Fund. We have been hoping for the creation of an ongoing active Development Council for several years. Perhaps this year we can stimulate interest in the Board of Governors to resolve the problem.
- We hope to press for continuing close contact with the administration and Board of Governors in their relationship with the Provincial Government. Through our members on Senate and through increased consultation with the Board of Governors we are sure the Alumni Association can provide help when necessary and when called upon for support. We believe that by having the facts the Board of Management can make a positive contribution to the welfare of our University.
- We intend to increase our activity and contact with students, particularly undergraduates. We trust that we will be asked to continue our association with them on their Student Union Building project. An adequate student centre is needed for our many commuting students.

In view of the fact that we now have three new Universities it will be necessary to reassess our programme of branch work throughout the province, and in particular to reassess the purposes of our recently established Regional University Associations and our relationship with them.

Simon Fraser University, University of Victoria, Notre Dame University and junior colleges throughout the province will soon have alumni activities of their own commanding regional loyalty. Our fundamental problem this year is to realign our programme keeping in mind divided loyalties and continuing to concern ourselves with the basic needs of higher education in the whole province.

This University will need increasing support from its graduates if its reputation is to be maintained, and most of all it will need support from graduates living in the lower mainland.

We must avoid fractionalized pressure on government, on industry and on our own alumni for support. In recent weeks spokesmen for Simon Fraser University and University of Victoria have indicated a willingness and a desire to work with us. We hope to provide leadership in this area and at the same time call upon graduates of UBC to recognize the needs of their own University.



Alumni Association President

The University

The Chancellor, Dr. Phyllis Ross, presenting Governor-General's gold medal to Dennis Charles Healey

Mr. Adlai Stevenson with Chief Justice Sherwood Lett in procession

Spring Congregation 1963

MORE THAN 1600 students, the largest number in UBC's history, graduated on the two days of Spring Congregation, May 30 and May 31.

Dennis Charles Healey of Abbostford, in honours physics and mathematics, headed the graduating classes in the Faculty of Arts and Science for BA and BSc degrees. The University Medal for heading the graduating class in the Faculty of Arts and Science, non-science group, was won by Richard Michael Toporoski of Vancouver in honours Latin. Brian Leslie Scarfe of Vancouver, this year's Rhodes Scholar, took first class honours in economics.

Honorary degrees were conferred on Adlai E. Stevenson, United States delegate to the United Nations, Dr. Leo Marion, vice-president (scientific) of the National Research Council of Canada, and Dr. H. Northrop Frye, principal of Victoria College at the University of Toronto.

Mr. Stevenson assisted in the formation of the UN, and was senior advisor and delegate for the U.S. at the first three general assemblies. He holds his current appointment from January 1961.

Dr. Leo Marion is distinguished for his work in organic chemistry, particularly in the field of alkaloids. He gave the congregation address on May 30.

Dr. Frye, who was the congregation speaker on May 31, is the author of two books, *Fearful Symmetry*, a study of the English poet William Blake, and *Anatomy of Criticism*, a study of the theory of modern literary criticism.

New Appointments to Faculties

SEVEN SENIOR APPOINTMENTS to the University of British Columbia faculty have been announced by the President.

In the department of physics Dr. R. D. Russell will rejoin the UBC faculty following a year at the University of Toronto. Dr. Russell, who has been appointed to the rank of professor, will teach in the department and carry out research in the Institute of Earth Sciences.

In the same department, Dr. Michael J. Crooks, a graduate of UBC, where he received his master of arts degree in 1957, and Yale, which awarded him the degree of doctor of philosophy, has been appointed to the rank of assistant professor. His research field is low temperature physics.

Dr. Charles F. Schwerdtfeger, a graduate of Villanova and Notre Dame, where he received his PhD, will also join the physics department as an assistant professor. His research is also in the field of low temperature physics.

In the department of Romance studies, Dr. Frank R. Hamlin has been appointed an assistant professor. A graduate of Birmingham and Cambridge, Dr. Hamlin has been a research fellow at Cambridge since 1961. He specializes in the teaching of medieval French literature.

Maurice C. Carr, a graduate of London University, will rejoin the Faculty of Law after a year's leave of absence to obtain his master of laws degree at Harvard University.

In the department of chemistry Dr. Wei-Cheng Lin, a graduate of Nanking University and McGill, where he was awarded his PhD, has been appointed an associate professor.

Dr. Lin is a former post-doctoral research fellow at UBC and is currently doing research in the department of theoretical chemistry at Cambridge University. His research is in the area of electron spin resonance.

Ibrahim L. Poroy, a native of Turkey currently completing the requirements for the degree of doctor of philosophy at the University of California at Berkeley, has been appointed an assistant professor in the department of economics and political science.

After attending the University of Istanbul, Poroy enrolled at the University of California, where he received his master of arts degree. He has taught at California and San Francisco State College.

His research is in economic development and comparative economic systems.

Elected by Convocation to Senate

SIX PERSONS were elected for the first time to the University of British Columbia Senate, May 22, 1963. Nine others were re-elected for three-year terms.

Elected to their first three year terms as convocation members of the Senate are:

H. L. Keenleyside, BA'20, MA'21, PhD(Clark), LLD'45	Vancouver
Malcolm F. McGregor, BA'30, MA'31, PhD(Cincinnati)	Vancouver
Mrs. H. J. MacKay, BA'38, (Mary Gibson)	Revelstoke
Hon. James Sinclair, BASc'28	North Vancouver
Frank A. Turnbull, BA'23, MD(Tor.)	Vancouver
Harry V. Warren, BA'26, BSc'27, DPhil(Oxon.)	Vancouver

Re-elected were:

Mrs. H. F. Angus, BA'23, (Anne M. Anderson)	Vancouver
Kenneth Caple, BSA'26, MSA'27	Vancouver
Ian McTaggart Cowan, BA'32, PhD(Calif.)	Vancouver
Willard Ireland, BA'33, MA(Tor.)	Victoria
Joseph E. A. Kania, BASc'26, MASc'28, PhD(MIT)	Vancouver
J. Stuart Keate, BA'35	Victoria
Eric P. Nicol, BA'41, MA'48	Vancouver
Hon. Mr. Justice David Verchere, BA'26	Vancouver
Arnold Webster, BA'22, MA'28	Vancouver

Convocation is composed of the Chancellor, the Senate, all persons who became members of the Convocation prior to the first day of January 1919, all persons holding academic appointments with the University and whose names are added to the roll of Convocation by the Registrar of the University upon instruction from the President, and all graduates of the University. Convocation elects the Chancellor and fifteen members of Senate.

Buddhism books for Library

THE UNIVERSITY will expand work in the field of religious studies as the result of a Senate decision and a gift of books worth $10,000 to increase library resources.

The UBC Senate has approved a proposal which will increase the number of courses in religious studies and allow the department to offer a major in the subject.

The new major will be offered in September for the 1963-64 session. The number of courses available will be increased from six to nine, and the following year a senior scholar in the field of Buddhism will, it is hoped, be added to the faculty to develop this new field.

At present there are two full time and two part time instructors in the department. About 100 students are taking the six courses now offered by the department.

The Reverend William Nicholls, who joined the UBC faculty in 1961 to direct work in the field of religious studies, said that when the present phase of development is complete, between 20 and 30 courses would be offered, and the teaching staff would increase to approximately eight persons.

He said that courses dealing with Christianity would comprise about half the offerings of the department in its developed state, while the balance would deal with Buddhism, Indian religions and the Jewish faith.

Mr. Nicholls also announced that the University will receive approximately $10,000 worth of books on Buddhism from Mr. Carroll Aikins, of Naramata, B.C., who is presently purchasing the library while on a round the world trip.

The gift of approximately 2000 volumes will mean that UBC will have a unique collection, Mr. Nicholls said. It will give UBC the only substantial Buddhist collection in Canada and will include almost every book worth reading on the subject in the English language.

Mr. Nicholls said that Mr. Aikins had also agreed to provide an endowment which will allow the University to add to the collection. Mr. Aikins will provide additional funds for the making of transparencies of Buddhist art, and provision of a scholarship for the leading UBC student in the field.

Help! cries Librarian

THE UNIVERSITY of British Columbia's library needs substantially increased financial aid immediately if it is to become a first class centre for research.

Dr. Ranz

This is the burden of the annual report of Dr. James Ranz, UBC's librarian, to the University Senate for the year ending August 31, 1962.

Dr. Ranz recommends a substantial increase in funds for the purchase of new books and older materials, which he says are badly needed if the UBC library is to provide adequate services to students and members of faculty.

UBC, he says, needs to double its present book purchase fund of $250,000 just as quickly as funds become available.

He added that the Senate library committee plans to give serious and extended thought to the needs of the library during the next few years.

"Without further study," he adds, "it is apparent that substantial sums both for graduate research and for the shoring up of existing services are needed immediately."

Despite the fact that few libraries in North America can match UBC's growth over the past ten years, it is doubtful whether the library serves its users as well today as it did ten years ago, Dr. Ranz says.

Almost 4000 books ordered by faculty members in the past year were not purchased for lack of funds, he says. For the same reason, subscriptions were placed for fewer than half the periodicals ordered.

The need for additional staff and space is equally pressing, Dr. Ranz adds. Four thousand recently acquired books and several major collections await cataloguing, and for UBC's 14,000 students the library can provide only 1800 seats—less than one half the recommended number.

The library set new records for service in 1961-62, the report states, yet once again the services answered a still smaller percentage of the need.

A total of $240,930 was spent on library materials, Dr. Ranz says, but only 35,235 volumes were added—2321 fewer than in the previous year. Factors

contributing to the decrease in the number of volumes added are devaluation of the Canadian dollar and increases in book prices.

Circulation of library materials reached a new record of almost 600,000 volumes—a one-year increase of almost 25 per cent, the report states.

Dr. Ormsby heads history

DEAN FREDERIC H. SOWARD has resigned as head of the department of history at the University of British Columbia, President John B. Macdonald announced.

The President said Dean Soward would continue to serve as a professor in the department, director of international studies, and dean of UBC's Faculty of Graduate Studies.

Professor Margaret Ormsby has been appointed acting head of the history department for one year beginning July 1.

Dr. Ormsby

Dean Soward said his decision to resign as head of the history department was largely the result of increased administrative duties in fields other than history.

In particular, he said, the increasing importance of graduate work at UBC had resulted in added academic and administrative responsibilities. Dean Soward said he would continue to teach courses in history and international studies.

Dean Soward has been a member of the UBC faculty since 1922. He is a graduate of the University of Toronto and Oxford and holds an honorary degree from Carleton University, Ottawa.

Dean Soward was named head of UBC's history department in 1953, and was associate dean of the Faculty of Graduate Studies until 1961, when he succeeded Dr. Gordon Shrum as dean.

* * *

Dr. Macdonald also announced two senior appointments to the UBC faculty in the department of economics and political science.

They are Dr. Ivan Avakumovic as associate professor and Dr. Maw Lin Lee as assistant professor.

Dr. Avakumovic, an expert in the government and politics of countries of eastern Europe and Russia, will come to UBC from the University of Manitoba, where he has been an assistant professor of political science and international relations since 1958.

Dr. Avakumovic is a graduate of Cambridge University where he received the degrees of bachelor and master of arts, and Oxford University, where he received his doctor of philosophy degree in 1958.

Before coming to Canada, Dr. Avakumovic was an assistant lecturer in politics at Aberdeen University in Scotland.

Dr. Lee, who works in the field of economic statistics, is currently at the University of Wisconsin.

He is a graduate of the National Taiwan University in Taipei, Formosa, where he was awarded his bachelor of arts degree, Montana State University, where he received his master of arts degree, and the University of Wisconsin, where he received his PhD.

A third appointment announced by the President was that of Richard M. Bessom as assistant professor in the Faculty of Commerce and Business Administration.

Mr. Bessom, who will teach in the division of marketing, is a graduate of Cornell, where he received his bachelor of arts degree, and the Stanford University graduate school of business, where he received the master of business administration degree.

Since 1960 Mr. Bessom has been a lecturer at the University of Washington in Seattle.

Estate Management research

THE REAL ESTATE INSTITUTE of British Columbia has established a $100,000 Education and Research Foundation for the expansion of academic work relating to estate management at the University of British Columbia.

Income from the $100,000 trust fund will support scholarships, bursaries and prizes to graduate and undergraduate students in the field of estate management, enable UBC to purchase additional library material, and finance research projects in estate management.

The capital sum will be vested in the Vancouver Foundation and the income of approximately $5000 per year allocated by a grants committee made up of six members from the Institute and three past or present members of UBC's Faculty of Commerce and Business Administration appointed by President John B. Macdonald.

Colonel Herbert R. Fullerton, president of the Real Estate Institute of B.C., said "The education and research foundation now being established by the Real Estate Institute will provide, in perpetuity, the necessary scholarship funds to train and educate future teachers in the field of real estate education; to develop new teaching materials and texts, and to provide opportunities for advanced study and research in real estate for Canadians at a Canadian University."

Professor Philip White, head of the division of estate management in UBC's Commerce Faculty, said the income from the trust fund would provide for further expansion of work in the field of real estate at UBC.

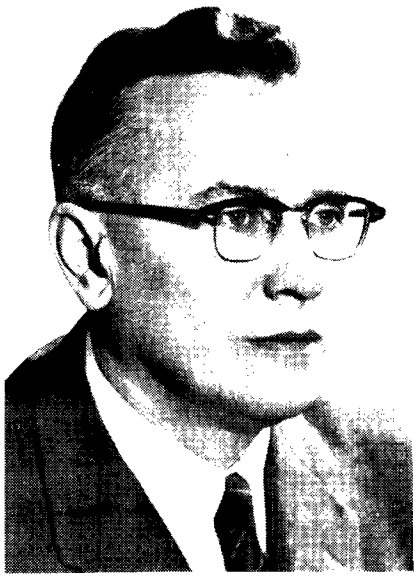
He said funds for aid to students and purchase of library materials were most welcome, but the greatest need lay in the area of research.

"We will now be able," he said, "to expand our programme of research in the area of Canadian mortgage policies and the more efficient use of mortgage funds, and begin new work on the structure of real estate markets in Canada and the function of private ownership of real property."

Wilfrid Sadler Memorial Gold Medal presented to Kenneth R. Pastro, BSA'63, this year's top agriculture student, by W. B. Richardson, BSA'47, past president of Sigma Tau Upsilon, honorary agricultural fraternity. Place was Graduate Centre

Dean Chant

Arts and Science Separate July 1



Dr. Okulitch

THE FACULTY OF ARTS AND SCIENCE at the University of British Columbia will be divided into separate faculties on July 1, President John B. Macdonald announced.

The President also announced that Dean S. N. F. Chant would serve as acting dean of the Faculty of Arts, and Dr. Vladimir J. Okulitch as acting dean of the Faculty of Science for one year or until the appointment of new deans.

Dean Chant is the present dean of the combined faculties, and Dr. Okulitch is head of the UBC department of geology.

The University Senate approved division of the Faculty of Arts and Science at the earliest possible time last March. At that time President Macdonald said the division was desirable in the interests of increasing intellectual stimulation and encouraging growth in blocks of related studies.

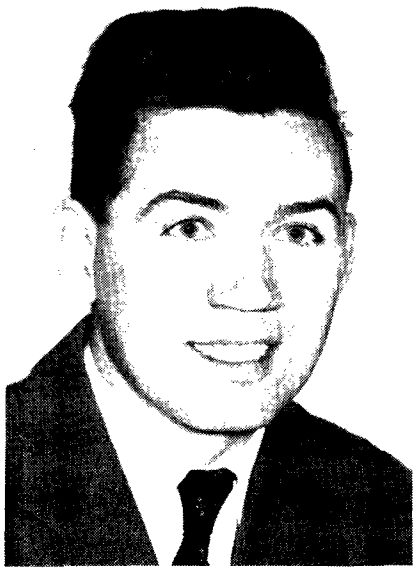
Under the division, the Faculty of Arts will include the schools of home economics, librarianship and social work, and the departments of anthropology and sociology, classics, economics and political science, English, fine arts, geography, German, history, music, philosophy, psychology, Romance studies, Asian studies, International studies, Slavonic studies, religious studies and theatre.

The Faculty of Science will include the departments of bacteriology and immunology, biology and botany, chemistry, geology, mathematics, physics and zoology.

Awards for two Chemists

DR. JAMES TROTTER, an assistant professor of chemistry at the University of British Columbia, has been awarded the Meldola Medal of the Royal Institute of Chemistry of Great Britain.

The medal, one of the top international awards in chemistry, is awarded annually to a chemist under the age of 30 who has done original and distinguished research work.



Dr. James Trotter

Professor Charles McDowell, head of UBC's chemistry department, said that to his knowledge this is the first time that the award has been made to a British chemist who was working in a Commonwealth country outside Great Britain.

There is a very keen competition for the award, he added, which is based solely on a consideration of the candidates' published work by a board of distinguished chemists.

Dr. Trotter, who joined the UBC faculty as an assistant professor in 1960, works in the field of x-ray crystallography, a field of chemistry concerned with the structure of large molecules.

Dr. Trotter, 29, is a graduate of the University of Glasgow where he obtained the degree of bachelor of science in 1954 and doctor of philosophy in 1957.

Prior to joining the UBC faculty Dr. Trotter lectured at Glasgow and carried out research on fellowships awarded by the National Research Council of Canada and Imperial Chemical Industries of Great Britain.

Dr. Trotter has published more than 50 papers in various journals of chemistry.

A second member of the chemistry department, Dr. Neil Bartlett has been selected to give the inaugural Noranda lecture of the Chemical institute of Canada in Toronto on June 7.

The lectureship was established this year and is awarded annually to the individual judged to be the most outstanding and promising young scientist in Canada under the age of 40 working in the fields of inorganic, physical, or analytical chemistry.

The recipient receives a commemorative plaque and an award of $500.

Dr. Bartlett, 31, was internationally acclaimed last year for a series of experiments carried out at UBC which proved that the so-called "inert" gases will combine with other elments to form compounds.

His work overthrew a long-accepted theory and has opened up an entirely new field of research.

Dr. Neil Bartlett

New! New!

Our First Architect-Planner

Tony Archer

John Porter

THE APPOINTMENT of John C. H. Porter as architect-planner to the University of British Columbia has been announced by President John B. Macdonald.

Mr. Porter, a former member of the UBC faculty in the school of architecture, will take up his duties on June 1.

He will be responsible for planning physical facilities on the campus and the preparation of a master plan for the future development of the University.

Born in New Brunswick, Mr. Porter was educated at St. John Vocational School and McGill University, where he received the degree of bachelor of architecture in 1941.

On graduation Mr. Porter received the Royal Architectural Institute of Canada gold medal, the medal of the lieutenant-governor of the Province of Quebec, the Anglin Norcross engineering prize, and the P. J. Turner construction prize.

Following war service with the Canadian army, Mr. Porter joined the firm of Sharp, Thompson, Berwick, Pratt in Vancouver. He was an assistant professor in the UBC school of architecture from 1947 until 1953.

From 1953 to 1961 Mr. Porter was in private practice as a member of the firm of Davison and Porter. He continued to act as design critic in the UBC architecture school.

Since 1961 Mr. Porter has been employed as an area architect in the Vancouver office of the federal government's Department of Public Works.

In 1952 Mr. Porter was awarded the silver medal of the Massey Foundation for the best designed house in Canada.

He is a member of several professional organizations and a former vice-chairman of the B.C. chapter of the Architectural Institute of B.C. and the West Vancouver town planning commission.

The TOTEM 1939

Class of '39 on TV

TUNE IN on CBC's TV programme Explorations July 3 and July 10. UBC's class of 1939 will be the subject of two half-hour shows with the title of "Class of '39: Encounter with a Generation."

This spring CBC producer George C. Robertson. BA'50, came to the Alumni Association offices to borrow a 1939 *Totem*. "What happened to the class of 1939?" he asked. "They graduated and within a few months the whole world was plunged into war. How were they affected?"

He studied the *Totem*, found out the women's married names, searched in the *Chronicle* index and looked through the class plates for addresses. By the time he returned the *Totem* to us he knew the class of '39 so well he might have graduated with them instead of 11 years later.

The results of his inquiries and interviews will be seen on the nation-wide TV programme at 10.30 p.m., Wednesday July 3 and Wednesday, July 10.

UBC Governor joins Alumni Association

Honorary life membership was presented to George T. Cunningham at Alumni Association's annual dinner meeting on May 16 by Frank E. Walden (right), retiring president of the Association. Mr. Cunningham has served on the Board of Governors for almost 28 years; he was first appointed to the Board in 1935 and has been consistently re-appointed ever since. His term of service on the Board has not been matched by any other member. The new Universities Act limits future appointments to three terms.

For other pictures taken at annual meeting see pages 14-15.

Summer Session . . .

AN INTERNATIONAL FLAVOUR will prevail on the UBC campus this summer when more than 6,000 students and instructors from all parts of Canada, the United States, the British Isles and Commonwealth attend the 1963 summer session.

Mr. John McGechaen, summer session director, reports that a total of 220 courses will be offered from July 2 to August 16.

During this six-week period 80 visiting instructors will join with 170 members of the UBC faculty to supervise courses offered in the largest summer session programme in Canada.

Among the visiting instructors will be: Dr. Erwin Raisz, consulting cartographer, Harvard University; Dr. A. J. Rose, senior lecturer in geography, Australian National University, Canberra; Dr. Reginald Dale, senior lecturer in education, University College of Swansea, Wales; Dr. C. H. Lamoreaux, botany, University of Hawaii; Dr. Archibald P. Thornton, international studies, University of Toronto; Dr. George R. Kernodle, department of theatre, University of Arkansas and Dr. Curt Zemansky, professor of English and authority on the works of Chaucer, University of Iowa.

In addition to such new courses as the history of Japan and geography of the Soviet Union there will be courses in history, languages (Russian, Spanish, German, Latin and French), art, religion, music, literature and physics. As in the past, numerous education courses will be offered.

. . . and School of Arts

ADVANCED PROGRAMMES in theatre, music and the visual arts will be featured at the University of British Columbia's twenty-sixth summer school of the arts from July 2 to August 17.

Students from all parts of Canada and the United States will have the opportunity to participate in both credit and non-credit courses under nationally and internationally known instructors.

Special events will include a seminar on Latin America presented by the Summer School on Public Affairs, (see article elsewhere in this issue), evening lectures in fine arts and public affairs, exhibitions, opera scenes and a major theatre production.

Guest director of the summer school of theatre will be John Brockington, assistant professor of theatre at UBC and one of Canada's leading young directors. The theatre school, under the direction of Sydney Risk, field drama supervisor for the UBC extension department, offers courses in acting, speech, directing, stage movement, stage costuming and children's theatre. A credit course on the history of modern theatre will be given by the eminent American theatre scholar, George Kernodle.

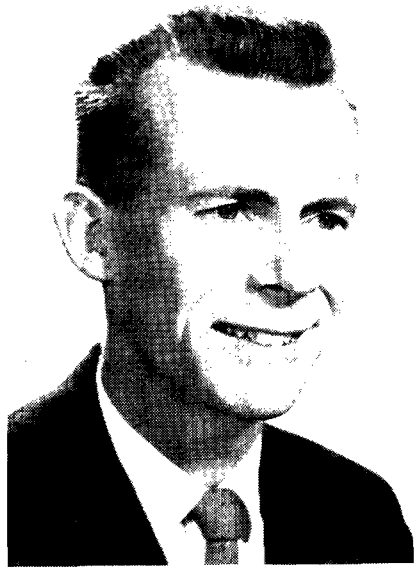
French Tickner, Opera Theatre, University of Southern California, will return for the second year to direct the Opera Workshop which will provide training and experience in the "stage arts" of the opera singer; while the popular high school band and orchestra workshop will be directed by Hans-Karl Piltz, UBC department of music.

The expanded music programme will include a master class in piano, under Dr. John Crown, University of Southern California and an additional workshop in piano and recorder for classroom teachers.

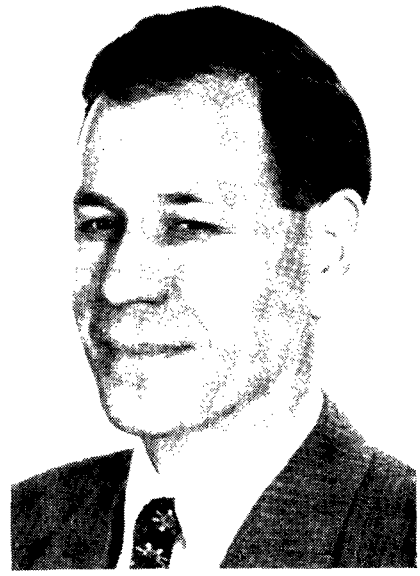
The summer school of visual arts offers classes in intermediate and advanced painting under Boyd Allen, University of California; an advanced sculpture class under Cecil Richards, University of Manitoba, and pottery for beginners under Hilda Ross, staff ceramicist for the UBC extension department.

An introduction to contemporary poetry will form the basis for a creative writing workshop directed by leading North American poets Margaret Avison, Robert Creeley, Robert Duncan, Allen Ginsberg, Denise Levertov and Charles Olson.

Participating in the fine arts lecture series will be Denis Matthews, distinguished English pianist; Dr. Peter Selz, curator of the New York Museum of Modern Art and Dr. Edmund S. Carpenter, renowned anthropologist.



Mr. Drew of Extension



Dr. Wellwood of Forestry

Graham Drew spent a month in Korea to conduct a survey of the needs for fisheries education for FAO. Dr. Wellwood will spend the summer in Nigeria under FAO to study long-term objectives for Nigerian forestry development and improvement of current practices.

Forest Director

THE APPOINTMENT of Robert E. Breadon as director of the University of British Columbia's 10,000 acre research forest near Haney, B.C., was announced by President John B. Macdonald.

Mr. Breadon succeeds Professor F. Malcolm Knapp, who retires in June after serving as a UBC faculty member for 41 years.

Mr. Breadon received the degree of bachelor of science in forestry with first class honours from UBC in 1950. He was awarded the degree of master of forestry by Duke University in 1951.

He is currently employed as a forester with Forestal Forestry and Engineering International Limited as a technical supervisor on forest inventory and management projects in Canada, U.S.A., Mexico and Pakistan.

From 1950 until 1958 Mr. Breadon was employed by the B.C. Forest Service as a party chief and assistant forester in the forest surveys and inventory division.

He was in charge of applied forest mensuration projects connected with provincial inventory.

Mr. Breadon is a member of the Association of B.C. Foresters and the Canadian Institute of Forestry.

As director of the UBC research forest Mr. Breadon will be responsible for the preparation of management and operational plans, direction of all logging operations and contracts, initiating, planning, and supervision of research project, and the supervision of records, budget, and personnel employed at the forest.

Prof. Knapp, who will assist Mr. Breadon in his post as director for one year, first joined the UBC faculty in 1922 after graduation from the University of Washington, where he received the degree of master of science in forestry, and the University of Syracuse, where he was awarded the degree of bachelor of science in forestry.

In 1941 Prof. Knapp selected the present 10,000-acre forest as a research site for UBC. He was named director of the forest in 1946, three years before it became UBC property under a Crown grant from the B.C. government.

Dean Thomas Wright, head of UBC's forestry faculty, said that as a result of Prof. Knapp's leadership and guidance the University Forest today has become one of the outstanding research and demonstration forests in North America.

Faculty on Leave for Missions Overseas

MANY MEMBERS of UBC's staff have been away on leave to carry out missions for international organizations or to undertake special assignments arranged through the External Aid Office of our Department of External Affairs. Royal Commissions have claimed the services of three. Listed below are members of faculties who have been granted leave over the last eighteen months to carry out work supported by various agencies, under the Board of Governors' policy on leave of absence to undertake a paid assignment:

Commerce and Business Administration

Through External Aid Office our commerce faculty was asked to advise and help establish a commerce faculty at the University of Malaya in Kuala Lumpur. Professor Leslie Wong, Dr. Noel Hall, Mr. C. L. Mitchell and Mr. Harvey Babiak spent the last year there, and Mr. William Hughes and Mr. G. D. Quirin left this May for a year. Mr. Babiak will remain until September 1964. This is Professor Wong's third tour of duty there.

Professor Hugh Wilkinson, chairman of the division of industrial administration, is on leave for a year to carry on management training in Korea under the auspices of the International Labour Organization.

Education

Mrs. Hilda M. MacKenzie has spent the past year carrying on teacher training in Malaya.

Dr. Vera A. MacKay will spend the coming year in Tanganyika under the auspices of External Aid, to carry on work in education.

Agriculture

Dr. Charles Rowles, chairman of the department of soil science, has been on leave for this academic year to carry out a special mission in Venezuela for FAO.

Professor T. L. Coulthard, chairman of the department of agricultural mechanics, is teaching at the University of Ghana.

Missions Accomplished

Last year Miss Muriel Cunliffe of the School of Social Work spent three months in Uganda under the auspices of the United Nations Bureau of Social Affairs.

Dr. J. R. Adams of zoology returned last December after six months of research at the Institute of Medical Research in Kuala Lumpur.

Dr. R. F. Scagel, professor of oceanography and a member of the department of biology and botany, spent four months last year collecting seaweed from the Indian Ocean under the auspices of the Woods Hole Oceanographic Institute. He was invited to participate in the three-year oceanographic expedition which is under the overall sponsorship of UNESCO. The half-ton of seaweeds he collected will take him the next three years to identify and classify.

Dr. John K. Friesen, director of University extension, spent three months last year in Asia and Africa under the auspices of UNESCO.

Royal Commission Duties

Two members of the department of economics and political science have been attached to Royal Commissions: Dr. J. H. Young, head of the department, will return this summer after a year and a half with the Royal Commission on banking and financing. Dr. R. M. Will is on leave for the next academic year to carry on investigations for the Royal Commission on taxation.

Mr. Bernard Blishen of the department of anthropology and sociology returns to UBC this summer after two years' leave of absence to carry on research on behalf of the Royal Commission on health services.

Scholarships in Russia

A SECOND GRADUATE STUDENT in the University of British Columbia's geography department has been awarded an exchange scholarship to Russia for the coming academic year.

Robert North

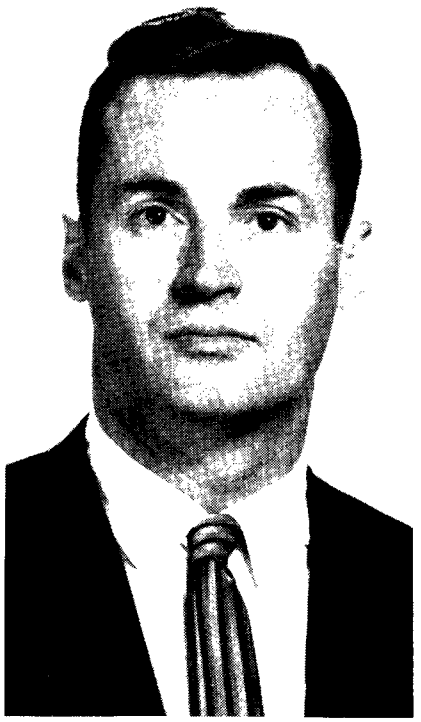
He is Robert N. North, Vancouver, who has been appointed a British Council exchange student. He will study at the University of Moscow in 1963 and 1964.

Earlier this spring Brenton M. Barr, BA'62, a candidate for a master's degree, was awarded a World University Service of Canada exchange scholarship for a year's study in Russia.

Mr. North, a graduate of Cambridge University, came to UBC in 1960 on a Canada Council fellowship and is the first Ph.D. candidate in UBC's geography department.

He has been working in the field of transport geography of western Siberia at UBC and hopes to continue work in the same field in Russia. He will return to UBC in 1964 to complete his Ph.D.

Mr. North speaks fluent Russian as the result of having learned the language during his career in the British Army.



Dr. Tougas

To Senegal for Summer

SENEGAL, the oldest French settlement in Africa, and Gambia, the oldest English settlement which is a tiny coastal enclave of Senegal, will be headquarters for Dr. Gerard Tougas this summer on the steamy West African coast. His prime purpose is to study developing literatures in French-speaking African countries, but there are interesting comparisons for Canada in the cultural relationships between the English and French-speaking African states.

Dr. Tougas, professor of French in the department of Romance studies, has made "peripheral literatures" in French a specialty. He has already published a *History of French Canadian Literature* and *Studies in Contemporary Swiss Literature.* This study of developing literatures in French-speaking African countries is supported by grants from Carnegie Corporation and UBC's committee on research. He will also buy materials, with a fund from the University Library, to establish a nucleus of French African literature at UBC.

Senegal has had intimate associations with the French language and culture for two centuries. The educated Senegalese speak excellent French and the country has the unusual distinction of having a poet, Leopold Senghor, as prime minister. He is, moreover, one of the greatest poets in the French language today.

British Gambia, in places just a few miles wide, comprises the two banks of the Gambia River. Here 300,000 Gambians live, surrounded by 3 million Senegalese. Cherishing their British institutions, the Gambians have put up determined resistance to fusion with Senegal, which is the reverse of our Canadian experience.

Dr. Harry Warren (holding spectacles) at session of Vernadsky Centennial celebration in Hall of Scientists, Moscow, in March. On Dr. Warren's right is another of the 40 foreign visitors, Dr. Green of California who is interested in a "soft" landing on the moon. Their scientist-interpreters sit beside them.
The late W. J. Vernadsky was the father of geochemistry in Russia and one of the first scientists to recognize the importance of biochemical processes in geochemistry. Dr. Warren, professor of geology, was invited to give a paper at the conference. He cited some recent investigations illustrating how geochemical and medical knowledge can be integrated advantageously. His paper will be published in Russia and England.

Anatomy research

TWO VISITING PROFESSORS will join the staff of the department of anatomy in the Faculty of Medicine for the academic year 1963-64.

They are Dr. Leonard F. Belanger, head of the department of histology and embryology in the school of medicine at the University of Ottawa, and Professor Fred W. Dunihue, of the University of Vermont Medical College.

Dr. Belanger will carry out teaching and research at UBC in the next academic year. Dr. Dunihue will come to UBC on a fellowship awarded by the United States National Institutes of Health to carry out research in renal physiology (kidney research).

Dr. Sydney M. Friedman, head of UBC's anatomy department, said he was delighted that two outstanding teachers and researchers had agreed to visit UBC for a year. "Their activities here will be beneficial to students and other members of the faculty," he added.

Dr. Belanger was organizer and first professor of the department which he heads at the University of Ottawa. He is a graduate of the University of Montreal, where he received his BA in 1931, and Northwestern University, which awarded his medical degree in 1937.

Dr. Belanger was elected a fellow of the Royal Society of Canada in 1958.

Dr. Dunihue has been associated with the University of Vermont since 1936. He holds the degrees of bachelor of arts from Wabash College, and master of science and doctor of philosophy degrees from New York University.

Dr. Dunihue was a visiting professor of anatomy at the University of Pittsburgh in 1959-60, and currently holds a research grant from the National Heart Institute.

Glaucoma research

DR. STEPHEN M. DRANCE, director of glaucoma clinic at the University of Saskatchewan, will join the faculty of the University of British Columbia in July to work in UBC's new eye research unit at 2550 Willow Street which was officially opened in May.

Dr. Drance, who has been appointed an associate professor in the UBC department of surgery, will direct the glaucoma research programme in the new unit.

He will initiate the first statistical pilot study in Canada to investigate the long-term effects of abnormally high pressure in the eye and vision.

Glaucoma, the commonest cause of blindness in Canada, 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.

Dr. Drance was educated at the University of Edinburgh, where he received his medical degree in 1948. He did postgraduate work in ophthalmology at the University of London and was named a fellow of the Royal College of Surgeons in 1956.

From 1955 to 1957 Dr. Drance was a research associate in the department of ophthalmology at the University of Saskatchewan in 1957 as director of the glaucoma clinic.

Lung disease survey

A SEVEN-WEEK SURVEY designed to throw light on the causes of chronic lung disease began in the Fraser valley community of Chilliwack May 15.

600 Chilliwack adults have been asked to co-operate in the study to be conducted by Dr. Donald Anderson, assistant professor of medicine and preventive medicine at the University of British Columbia, and Dr. Benjamin Ferris, Jr.,

associate professor of environmental health and safety at the Harvard University School of Public Health.

The survey is being conducted in co-operation with the Upper Fraser Valley Health Unit and financed with a $9,080 public health research grant awarded by the Department of National Health and Welfare in Ottawa.

The results of the Chilliwack survey will be compared to results obtained from a similar study carried out in 1961 by Dr. Anderson and Dr. Ferris in Berlin, New Hampshire, a major pulp and paper producing city in the northeastern United States, which has considerable atmospheric pollution due to sulpher dioxide and other lung irritants.

The researchers want to see if there is the same amount of respiratory disease in a clean, pollution-free city when differences in smoking habits and age are taken into account.

"We selected Chilliwack for the survey," Dr. Anderson said, "because it is a clean city in a rural setting without any industry that would cause serious atmospheric pollution, and because its residents have always shown a readiness to co-operate in such studies."

Another function of the survey will be to determine the prevalence of various respiratory symptoms such as coughing, production of mucous, and colds and wheezing in a normal, healthy population.

A third aim will be to determine the prevalence of indigestion and ulcer symptoms in the survey group.

The 600 Chilliwack residents were contacted by mail and asked to report to the Upper Fraser Valley Health Unit where they answered a questionnaire and took a series of breathing tests lasting about 15 minutes.

Residents are asked how long they have lived in the area, the type of work they have done, the presence or absence of respiratory symptoms and diseases, and their smoking habits.

Those taking part are also weighed and asked to take a breathing test which will measure such things as lung capacity. No x-rays or blood tests are being taken and all information obtained will be confidential.

Because the questionnaire has been coded in advance the answers will be fed into a computer to obtain fast results.

While the research team is at work, the B.C. Research Council will be carrying out an eight-month air pollution survey of the Chilliwack area to measure dust fall, and levels of sulphur dioxide, hydrocarbons, and ozones.

"Our interest in this kind of study," Dr. Anderson said, "stems from the fact that chest diseases such as chronic bronchitis, asthma and pulmonary emphysema, a term applied to the final stages of lung disease, is the fastest growing cause of death in North America."

The rate of increase in the U.S. in the past ten years has been seven times, he added, while in Canada the rate in increase has been five times in the same period.

Home economics, with Judy Foote demonstrating to the women in the village of Ho, in the upper Volta River region of Ghana.

Canadian University Service Overseas

"When the conversation with a shopkeeper in town turns on education, it becomes clear that parents' desire to give their children the best available education takes precedence over other considerations. They eagerly ask, 'How long are you staying?', with the implication that they hope the visit will be a long one. Even two or three years sounds pitifully short when compared with the need, and both they and you know it."

In report from Walter Herring

CANADA'S unpretentious peace corps does not get much in the way of publicity, and even less is known about UBC's pioneering that played no small part in getting this national non-governmental agency started. Yet the first volunteers from UBC are back from Ghana already. They are Judy Foote and Jocelyn King (now Mrs. Harold Anderson), graduates in Home Economics, who spent a year and a half in the interior of the country training Ghanaian women, under the direction of the Mass Education Branch of Department of Social Welfare.

Another "wave" went out in 1962—three of these, Colin Johnstone, Walter Herring and Brian Bayly, are teaching in Sarawak; two others, Graeme Balcom and Lorne Lane are teaching in Ghana, and another, Chris Siggers, is also in Ghana as an engineer. There would have been many more to carry TUUM EST into other lands, had there been money to send them. There is no shortage of volunteers, and no shortage of requests for Canadian graduates in agriculture, forestry, education, medicine, nursing, home economics or engineering from various countries in Africa, Asia and in our own hemisphere.

Our graduates go where we know they are needed and are paid local rates for the job they do. The Canadian University Service Overseas, set up in 1961 by Canadian universities, in response to the need to create something similar to the Peace Corps in the United States, exists for the twofold purpose of correlating the requests with the candidates, and of raising, by voluntary subscription, the funds to transport them there and back.

There is, of course, a need in the total scheme of foreign aid for the expensive expert who may be costing you and me some $10,000 a year, but there is also room for the unspectacular and inexpensive—for the graduates of this and other universities who are willing to go and spend two years overseas serving and learning, at no cost to the taxpayer. They go singly and work with the people of the countries that ask for them; they have no pretensions.

Certainly, it is idealistic, but let us not forget that as a trading nation we are going to need people who know something about the people with whom we hope to trade. It costs us on the average of $1,500 each to finance our volunteers for two years overseas.

There are ten waiting to go this summer—whether they stay here or get the chance to go, depends on the success of the current fund-raising campaign, under the chairmanship of G. V. Hutchinson, supervisor of the Vancouver branch of the Bank of Nova Scotia, who has volunteered to co-ordinate the fund-raising activities in the community on behalf of the Senate Committee, chaired by John Wood of the Extension Department.

Members of the Alumni are urged to contribute to the fund, and may do so through Alumni Annual Giving, 252 Brock Hall, earmarking their donations. Contributions are, of course tax deductible.

Alumni Annual

May 16

Alumni Association executive for 1963-64. From left, standing: Paul S. Plant, president; Dave Brousson, first vice-president; Frank E. Walden, past president; H. Fred Field, treasurer. Seated, Mrs. David C. Ellis (Margaret Buchanan), second vice-president. Not shown: Roderick W. Macdonald, third vice-president.

Franklin E. Walden, retiring president of the Alumni Association, reported on his year of office at the Annual Dinner Meeting on May 16.

He had this to say about higher education in the province and the alumnus' role as the public voice of the University:

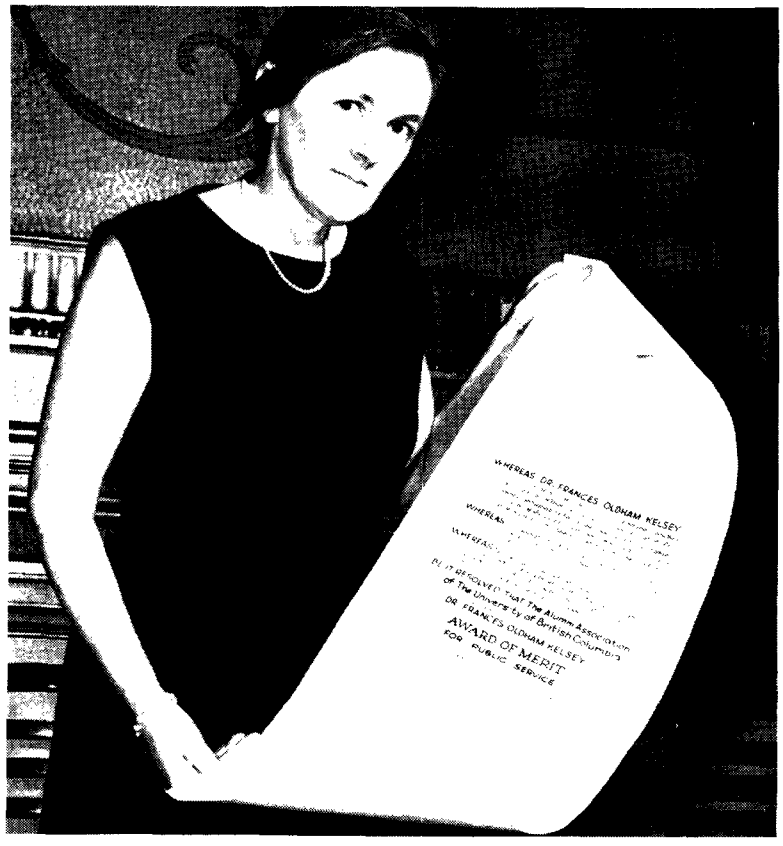
Mrs. Ronald Graham receives honorary life membership from retiring president.

THIS YEAR has been one of great change in the affairs of higher education in this province. Speaking to the Annual Meeting a year ago I suggested that the efforts of our Association should be concentrated upon assistance in the development of a sensible plan for the future. At that time I expressed the hope that a year hence I would be able to report that a satisfactory plan had been determined and that your Association had an active part in its determination.

This I can now do and also state that it has constituted the most active area of the Association's work during the year. Immediately upon his arrival in Vancouver, Dr. Macdonald, the new President, announced his intention of proceeding with a survey for the development of a plan for higher education in the Province. You are all now familiar with the essentials of this plan,

Association Meeting

1963



Dr. Kelsey was present to receive Alumni Association's first Award of Merit for Public Service. As Frances Oldham she attended Victoria College before taking a science degree at McGill University.

a part of which has been translated into prospective accomplishment much more quickly than would have seemed possible.

The Association continued its programme of assistance to regional groups in setting up, through the Branches committee under David Brousson, several conferences, the last of which took place in Trail on May 11. The first of these conferences during 1961 were of a general nature to consider the need for extension of our higher education programme but, following the publication of Dr. Macdonald's report, four more conferences were held and these took the form of public forums for its study.

The conferences have also resulted in the formation of regional organizations of our Association, so that there are now three regional representatives on the Board of Management, one each from Vancouver Island, Fraser Valley, and Okanagan-Mainline. It is hoped that at least two more will be added in the coming year.

The area of most concern to alumni of the University of B.C. must be its continuation as a University of high rank. Yet its future as such stands in jeopardy. As a state supported University it is dependent for the largest part of its revenue on the Provincial government. In the past, the amount by which the grant has fallen short of the budget has never been made public. This spring, however, the Board of Governors, in an appeal for public support, announced that the government grant fell short by $1,600,000 of its minimal requirements.

This is a matter of vital public concern, not only for this year, but in the immediate future when the whole new higher education system stands in peril if UBC is to be prevented, by lack of funds, from giving the leadership upon which the success of the whole system depends.

While continuing to care for undergraduate needs, UBC must strengthen and expand its graduate schools before it can hope to maintain a competitive position in the academic community, attracting and retaining the scholars that make its useful existence possible.

As members of the community, alumni can and must be the public voice of the University. The Board of Governors has this year given us the facts concerning the needs of the University. Let us hope they will continue to do so and be prepared to justify them to the community. Higher education is of vital public concern and its purposes will not be served by conjecture, innuendo and perpetual hide and seek through a maze of contradictory statistics.

CLOSE-UP on backing MAC

Dietrich Luth's soapbox and megaphone came in handy during campaign.

ON THE EDGE OF A WHIRLWIND: that's where we were in the Alumni offices during the 1963 Student Action Campaign. Two weeks in March, one for planning, one for action, were one prolonged burst of student energy that swept almost every student into meetings, parades and petitioning and sent 500 of them by bus to towns throughout British Columbia.

Everyone was in the campaign. "Student Council types", "Brock types", Dietrich Luth the campus soapboxer, presidents of most of the campus clubs, even the campus communist took part. It was the Alma Mater Society exercising its freedom to act.

Here is a close-up of the campaign as we saw it in the Alumni Association, and as the students saw it themselves, based on the ebullient *Ubyssey* and on notes made by Malcolm Scott, incoming president of the Students' Council and Jim Ward, incoming first vice-president. They were co-chairmen of the co-ordinating committee for the Student Action Campaign. It could be called "How the students backed Mac by really trying."

Why did it start so suddenly?

Rumour became a certainty—the *Ubyssey* found out —that UBC had not received the full increase asked for in the operating grant. "Premier Bennett sliced $1.6 million worth of skin from UBC's back with his budget paring knife and campus rebels took to working overtime in dark cellars planning action week," is the way a *Ubyssey* editor put it.

The Academic Symposium in February was the hatchery for some of the ideas; the President's report on *Higher Education in British Columbia and a plan for the Future,* with recommendations to create new universities and colleges, was a major topic and everyone agreed with his timing—the future had to start today. An important part of his plan was to strengthen UBC, the only established university. Without the budget asked for this was impossible. The news about the budget slice triggered the whole campaign.

After annual meeting busses and cars transported students to Sunset Beach where downtown parade formed.

Tuesday March 5th—"We discussed what the gov't was doing and what the Board of Govs were doing," notes Ward, "we knew only that Mac had obtained an increase in operating budget of $1 m., $1.6 m. short of what he should have received.

"In view of the inactive Board of Govs & the silent gov't we decided something had to be done. The first thing was to set up a committee. . . . The leaders of the committee were temporarily to be Belfont, Bradbury and Ward. We decided to have a meeting Friday. . . . Informed Scott of what was developing."

"There was originally no concern over the coming year's finances," says Malcolm Scott, "as no one appeared to think that the University would receive an inadequate grant. There was a good deal of controversy on how students could help the implementation of Dr. Macdonald's report."

On *Friday* afternoon 6,000 students signed a petition for a supplementary estimate for UBC. It was telegraphed to the Minister during the debate on education estimates in the legislature that same afternoon.

That evening Scott, Brian Marson, Bryan Belfont and Ward left for Kelowna to attend the Alumni Association's Saturday conference on higher education.

Driving back to Vancouver on *Sunday* they planned action for the following week under these headings: high school committee; Victoria College co-ordination; labour unions; fraternities; undergrad presidents; literature, instructions, facts; print shop; transport; city street-corner petitions; general meeting and demonstration; city residence petitions; public relations; co-ordinator's office.

The notes on the results run the gamut from "Success!" to "Highly successful." They had many willing helpers.

On *Monday* evening, March 11, a full meeting of the Students' Council finally adopted the plan, after "rather impassioned debate" which included the many guests, one of them a representative of the Victoria students. After this crucial step, "we went to work that evening," notes Jim Ward.

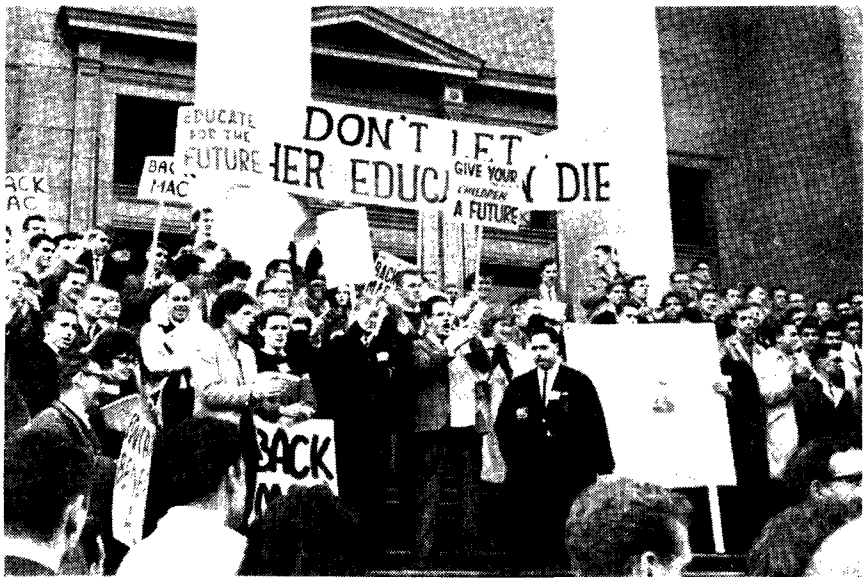
At a special meeting on *Tuesday* 350 members of the Faculty Association heard Belfont, Keith Bradbury, Scott and Doug Stewart outline their plans and ask for support. "The students were tremendous!" reported a member of the faculty later. A resolution was passed calling for "whole-hearted support and co-operation."

On *Wednesday* at noon 1450 of the 1750 Victoria College students gave an enthusiastic hearing to Malcolm Scott. He reminded them that they would be starting their university's history, as UBC students had, by taking independent action on its behalf.

In the meantime the scurrying figures in the Brock had the downtown canvass, the Annual General Meeting, the Interior Campaign, the busses and kits for the students all lined up for the next day. The students going to the Interior were briefed and bus leaders and town leaders chosen.

Daily bulletins and publicity information from the Alumni office had alerted all our branch contacts in the province. They were standing by to help the busloads of students. Last minute information was telephoned by Tim Hollick-Kenyon or sent by the students' short-wave radio, HamSoc.

Thursday March 14th was action day. Six thousand students at the mass meeting gave Dr. Macdonald a standing ovation when he spoke to them although his enthusiasm seemed to be in inverse proportion to theirs. "Does Mac back Mac?" headlined the *Ubyssey* the next day. Then the students going to the Interior



On Court House steps. Doug Stewart, last year's AMS president (in gown). To left: Dr. Norris, Bob Cruise (hands obscuring face), Jim Ward (behind Back Mac sign). Behind him, Malcolm Scott (with spectacles). Bryan Belfont (holding petitions); to left, Barry McDell; left and down, Ed Lavalle.

climbed into the waiting busses with their bags and their information kits, 500 of them, and went off on the most important part of the campaign, spreading the word wide into the province. Smaller groups had already left the day before by car for distant points in B.C.

In downtown Vancouver, led by student pipers and drummers, 3500 marched four abreast to the Court House lawn, heard Dr. Norris of the history department address them, then dispersed to petition on the street corners and at shopping centres (leaving a crew behind to clean up the Court House lawn!)

Sunday night the bus-loads from the Interior returned to Brock Hall with 70,000 signatures, and found President Macdonald waiting with the committee to greet them—and meet most of them for the first time. The *Ubyssey* reported their experiences:

This Is the Way It Was in Horsefly, B.C.

Five hundred students who took the petitions to the interior over the weekend returned to UBC Sunday with 500 different stories to tell.

There was:

- a man who signed the petition in his bathtub;
- a lot of people in the Okanagan who thought "Mac" referred to a kind of apple;
- A petitioner who sat up from 1 to 4 a.m. trying to get his father to sign the petition. He finally did.
- those who thought Mac is a communist, and others who didn't sign because of the "atheistic professor."
- the man who said: "All you have at UBC are booze and sex parties and all the girls get pregnant;"
- the nuns at a school in Kamloops who pinned "Back Mac" cards in their habits;

Radio stations all over the province devoted time to the campaign with interviews, spot announcements, and news stories.

But the hardest workers were the students themselves.

Three students took an over-night train from Kamloops to McBride, where they got 600 signatures in one day. McBride has a population of 800.

As they arrived back to coffee and doughnuts at UBC, their cards were changed to read "I'm back Mac."

Our alumni branch contacts rose nobly to the occasion, a good many of them in the middle of the night. Dr. Henniger in Grand Forks took the bus-load, driver and all, to the community hospital, the only place they could get a cup of coffee at 2 a.m. In Quesnel, the whole alumni group was down at 3 a.m. to greet the students.

In Revelstoke, Mary MacKay arrived early, as she thought, to meet the bus and found the spokesman, John Abrahamson, waiting for her. The bus had arrived at 3 a.m. They sat for an hour in her parked car, reviewing the plans for the students,—"Am sure the cruising RCMP must have wondered what Mrs. H. J. MacKay was doing parked with a strange man on a street corner at that hour of the morning!" The eight home-town students were kept busy that weekend. They spoke at the high school, the Rotary luncheon, the Canadian Club meeting, at an NDP rally and at an Elks banquet.

The Rev. Newton Steacy, our branch contact in Prince George, signs petition for Luci Denis, 2 Ed and Neil Killingbeck, 1 Comm, both of Prince George.

Cec Hacker's house in Abbotsford was commandeered by his daughter Joan as petitioners' headquarters. (In 1932, he had seized the basement of *his* father's South Vancouver church for the same purpose; that was in depression days when the University was threatened with closure).

Don Stewart of Powell River had extra petitions and letters run off and drove some of the students to Vancouver on Sunday. He was highly impressed by the enthusiastic, intelligent, mature and responsible approach of the students, and their well-planned campaign.

"It was admitted that the young lady who appeared before the local Rotary Club," wrote Roy Thorstenson from Hope, "answered questions and handled the situation better than most of the Rotarians themselves could have done."

John Welton reported from Trail that the reception was cool at first because of a *Trail Times* editorial the day before, but it warmed as the campaign progressed and because of the students' presentation on CJAT's "Open Line" programme (which he had arranged). They also spoke on radio. Mimi Roberts, 4 Arts, the town's group leader, noted: "The trek to Trail was very successful and we netted approximately 3,700 signatures. The trip back to Vancouver on Sunday was especially enjoyable as Trail produced more signatures than its rival city, Nelson."

This has been a close-up. Now let us look at the campaign in the wider context.

The President's report was made public only at the end of January. The government, with dazzling speed, acted to create three new universities and new community and junior colleges; but the President's financial recommendations were not included.

The financial implementation of the Macdonald report is what the Alma Mater Society is asking for. More money must be spent; they want it spent wisely. In the meantime they want UBC's budget slice restored.

The Board of Governors has never published the operating budget requested nor by how much the provincial grant has fallen short — until now. Since the campaign, on April 9, they made a full statement on both budget and grant for 1963-64. (The full text of their statement is printed in the current issue of *UBC Reports*).

The students are not yet satisfied. Says Malcolm Scott: "If the Board of Governors don't get their full grant they should make public the fact at once, and aggressively seek the funds required from government, business and industry—instead of flitting on and off the campus once a month to bemoan their plight!"

Since the campaign, too, a very full statement on provincial government assistance to UBC and Victoria College has been given wide distribution by the Minister of Education. It shows most impressive increases in grants since 1952. But in 1952 the University had not yet caught up with the costs of the post-war student enrolment. In 1956, all students and staff from the three provincial Normal Schools were transferred to the new College of Education at UBC and Victoria College. The three Normal Schools were closed.

For Malcolm Scott, the Minister's statement proves nothing. "The fact that some millions of dollars are currently being invested in higher education is not a relevant measure of the adequacy or inadequacy of government assistance to the universities," he wrote recently. "The real measure lies in a comparison of the requirements of the future with the level of excellence and the scope of the present University programme.

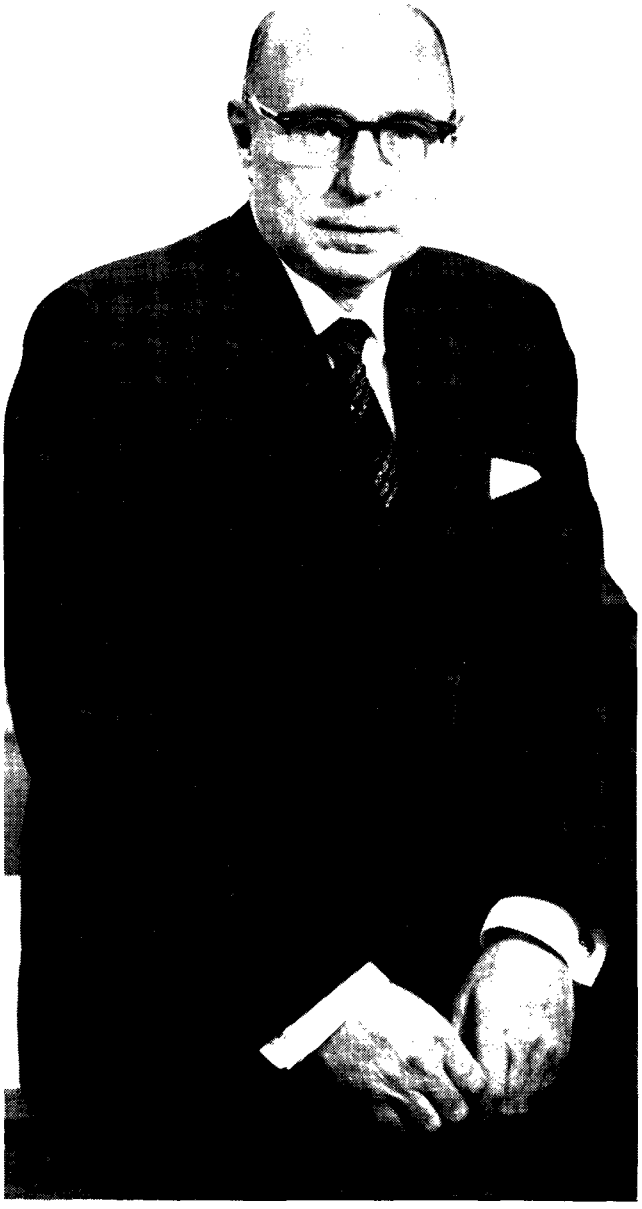
"Dr. Macdonald's report has stressed that we face a crisis in higher education. Reference to the present niggardly grants and a summation of the amount appropriated over the past 10 years is an exercise in futility. Let us not permit a fixation with statistics to blind us to truth."

What did the students' action campaign achieve? They collected over 230,000 signatures as evidence of support for higher education throughout the province; they have told a great many people of the financial plight of the University; they have drawn most unusual statements from the Minister of Education and the Board of Governors.

And they are not through yet.

Gordon Merritt Shrum, O.B.E., M.M., F.R.S.C., D.Sc., co-chairman of B.C. Hydro and Power Authority, retired as dean of the Faculty of Graduate Studies and head of the department of physics in 1961. He has also been director of UBC extension department, acting director of B.C. Research Council, member of the National Research Council of Canada and member of the Defence Research Board. He was Officer Commanding, UBC contingent of C.O.T.C. from 1937 to 1946.

Simon Fraser University



by Gordon M. Shrum, Chancellor

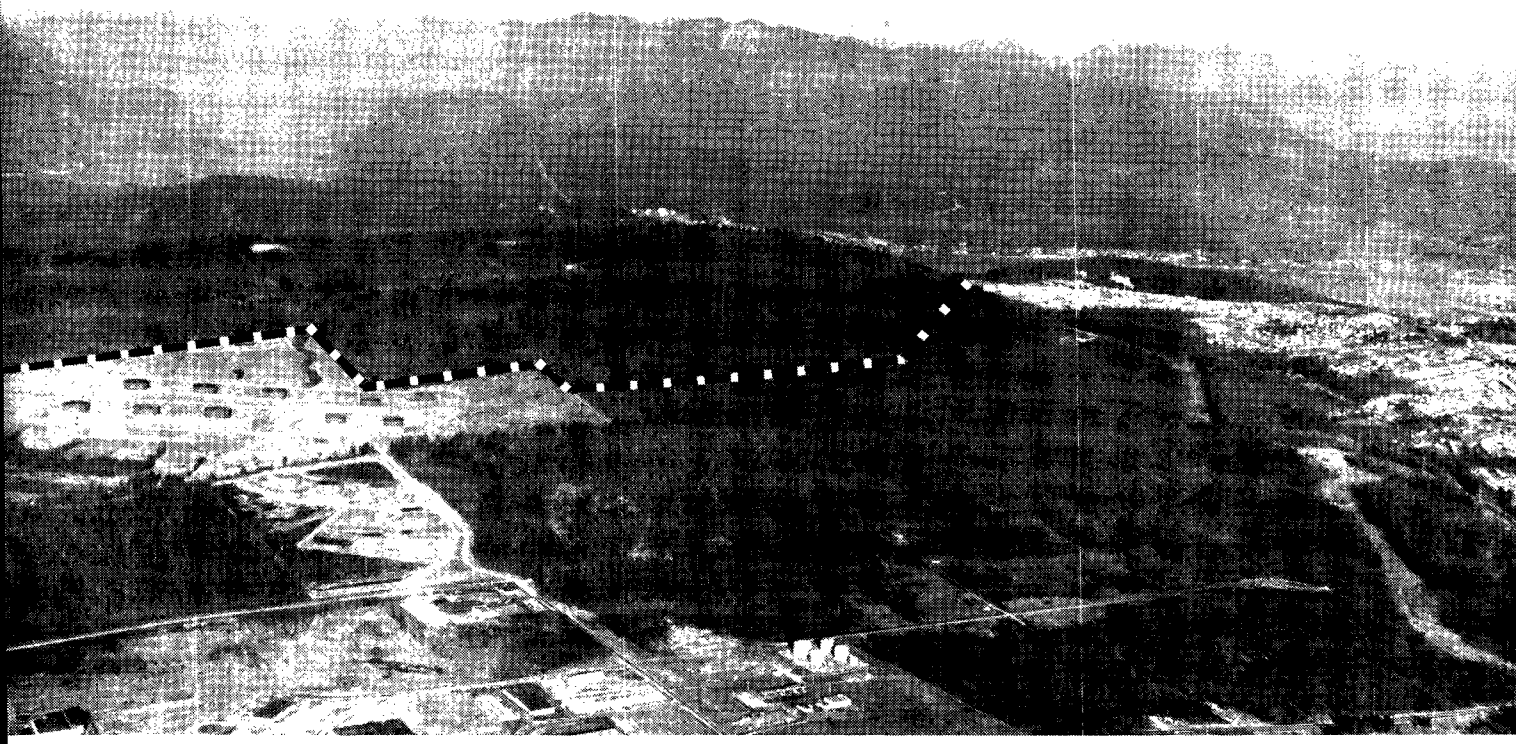
IN HIS INTRODUCTION to the *Letters and Journals of Simon Fraser,* Kaye Lamb says "Simon Fraser is the most neglected of the major explorers of Canada." This oversight should be at least partially redressed by naming one of the new universities after this rugged pioneer who made the first historic journey down the river which bears his name.

Some of the senior editors of the *Chronicle* have submitted a list of questions about Simon Fraser University which I shall try to answer as briefly as possible.

Leslie Peterson chose the name, but he seems to be too modest to admit that he also suggested it. In any case, I like it and cannot think of one more appropriate for a potentially great university serving the valley of the Fraser and the great metropolitan area which has grown up around the landing where Simon Fraser ended his journey.

The municipalities in the Lower Fraser Valley each offered large tracts of land suitable for a university site serving twenty thousand students. It was extremely difficult to choose the one that would best meet both immediate and future requirements of the University. The Burnaby Mountain site meets the functional demands and, in addition, rivals the Point Grey Campus of UBC in natural beauty and grandeur. This site will present a challenge to B.C. architects to create an overall building plan which will match and bring to a focus the dignity, colour, and splendour of the panoramic circle of mountains, rivers, ocean inlets, rich farm lands and dynamic urban communities surrounding the mountain.

Eric Nicol, in one of his questions, reminds me of Leacock's prescription for a new university which starts with a men's common room, next a library, and then adds a few professors, classrooms and laboratories. Although I agree, and all these we must have, unfor-



Burnaby Mountain, site of B.C.'s new university.

tunately we must acquire them simultaneously if we are to enroll students in September 1965.

Some fears have been expressed about the ability of a new university, without graduate facilities, to attract top-grade professors. Fortunately, Ph.D. training has not completely killed the pioneering spirit and I am confident that the challenges presented by a completely new university — not only a new campus and new buildings, but a new curriculum, new methods of instruction and a favourable climate for creative teaching — will attract outstanding scholars and teachers even in competition with the older institutions.

The library should present few problems. Books for course work can be purchased. The research collections at UBC will no doubt be available to staff and students at SFU. One would think only of complementing, not duplicating, these collections and making these available to UBC scholars.

Residences will come with time, and will provide inexpensive accommodation, I don't mean army huts, which students from families with incomes of $5,000 per year or less can afford. Seventy-five percent of the families in B.C. are in this group and they produce at least their fair share of the top students in our schools. The main body of students will commute either by bus or pool car. Winners of the architectural competition will be asked to include in their overall plan an inexpensive solution to the parking problem. This condition will no doubt reduce the number of competitors.

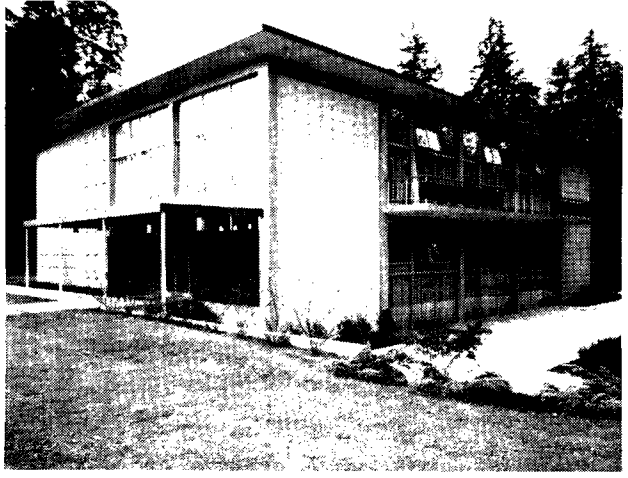
Eric Nicol also enquires if there will be a place for sports or will the "more cloistered virtues be emphasized." The preliminary plans call for more playing fields than UBC has and I hope that we can start with gymnasiums for both men and women as well as an indoor swimming pool. I would like to see physical education emphasized but not to the point where it is compulsory. The locker rooms will, no doubt, provide facilities for indoor extra-curricular activities!

Mamie Moloney has an enquiry about the continuation of the first and second year programs at UBC, I expect that they will continue, but as UBC concentrates more on the professional schools and graduate work some first and second year students will gradually be shifted to a two year college in Vancouver City and to SFU. By placing the emphasis on undergraduate programs these institutions should attract the students. There might be a differential in the fees. Professional and graduate work is more expensive and this might be reflected in the fees of all students at UBC.

Your Editor wishes to know why we didn't choose either Oakalla or the B.C. Penitentiary site where there would be "ready made buildings and some tradition for college spirit." These two sites, as well as one at Essondale, were considered. The latter, Munday Lake area, was a runner-up in the overall sweepstakes because of the favourable site characteristics. The possibility of recruiting part-time specialists from the institution is a possible advantage that was apparently overlooked.

Finally, I am asked—"Who is going to divvy up the public funds?" At the present time Victoria is the main source of public funds. I am confident SFU will get its fair share. It will be the responsibility of all the universities and those interested in higher education to convince the taxpayers and, through them, the members of the Legislature and the Government that the universities are meeting a vital educational need and doing it in the most efficient and economical manner.

In the past there has been no local competition for UBC but this state of affairs will be changed in the future with the establishment of Simon Fraser University. How far in the future depends upon many factors, but whenever it comes it will strengthen rather than weaken UBC—an institution which commands and deserves the loyalty of all its graduates as well as former staff members.



Both seminars will take place in International House.

Studies in International Understanding

Latin

Seventh Annual Summer School Seminar on Public Affairs

THE QUESTION OF WHETHER OR NOT Canada should join the Organization of American States is once again coming to prominence in the press and in political circles.

An American once wrote that the greatest lack suffered by Latin America is the lack of understanding by North Americans. Sir Oliver Franks, in his address to the 1961 graduates of UBC, stated: "The North-South problem is the new problem and the new problem is the right relationship between the industrial countries to the North and the developing peoples of the South."

This year, the Department of University Extension's Summer School on Public Affairs will conduct a week-long area study of Latin America. The programme will present, at the outset, three background lectures on the history, geography and culture of Latin America.

On Tuesday, July 2 at 3:30 p.m., Dr. James F. King, professor of history at the University of California, Berkeley, will outline the history of Latin America with particular emphasis on the last 35-40 years. Time will be allowed for questions and discussions following his paper. On Tuesday evening at 7:30 p.m., Dr. A. C. Gerlach, currently president of the American Association of Geographers will examine the geographical aspects of Latin America, with emphasis on economic and demographic factors.

On Wednesday afternoon at 3:30, Dr. Carlos Garcia-Prada, professor emeritus at the University of Washington, will examine the cultural influences in Latin America.

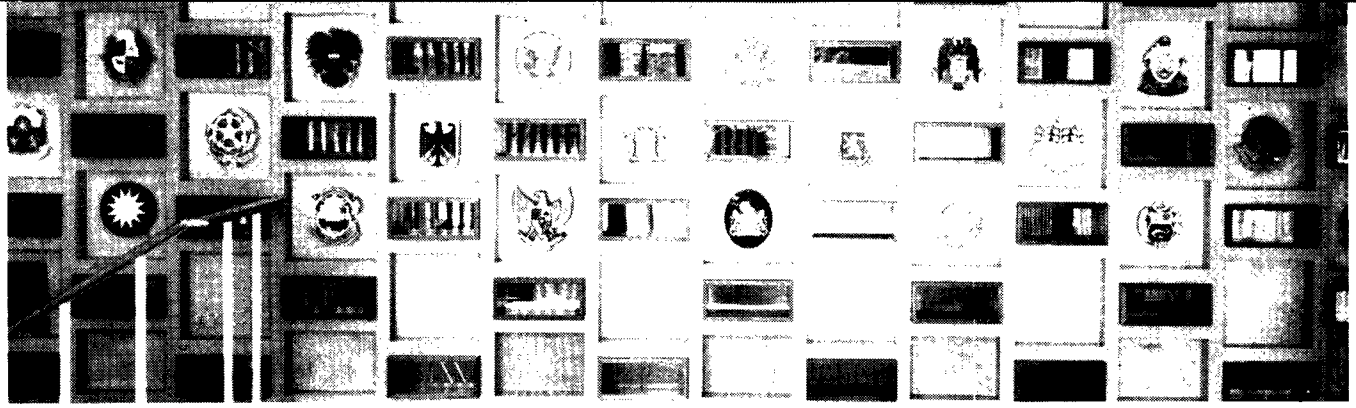
On Wednesday evening, a panel of diplomatic and academic experts will examine the underlying problems of power and revolution. The panel, chaired by Dr. Marcel Roussin of the University of Ottawa, will include: His Excellency Sergio Correa da Costa, Ambassador of Brazil; His Excellency Américo Cruz, Ambassador of Cuba; Dr. James F. King; and Dr. A. R. Beckwith, chairman of the Department of Business Administration at the University of the Pacific, Stockton, California.

The sessions on Thursday, July 4, will deal with economic problems faced by Latin America. In the afternoon, Dr. Victor Urquidi, an economist from Mexico who took part in the 29th Couchiching Conference, will outline the economic problems faced by Latin America. Dr. A. R. Beckwith will comment on Dr. Urquidi's paper and there will be time for questions and discussion. At the evening session on Thursday a panel will examine development of the economic potentialities of Latin America, with H. Leslie Brown (BA'28), assistant deputy minister of the Department of Trade and Commerce, acting as chairman. Panellists include His Excellency the Ambassador of Brazil, His Excellency the Ambassador of Cuba, Dr. Urquidi, Dr. Beckwith and Leslie Rohringer, who has spent a number of years with various oil companies in Latin America and is now a member of the staff at UBC.

To conclude the seminar, on Friday, July 5 at 3:30 p.m., a panel of Canadians will discuss Canada's relations with the Latin American states. Mr. A. J. Pick, head of the Latin American division of the Department of External Affairs will be the chairman of this panel composed of Dean F. H. Soward, Faculty of Graduate Studies; Dean G. F. Curtis, Faculty of Law, and Dr. Marcel Roussin.

The Latin American seminar has been designed to interest teachers, businessmen who might be contemplating markets in Latin America, as well as interested alumni and members of the general public.

Moreover, it is hoped that the knowledge and opinions of academics, members of the Diplomatic Corps and distinguished civil servants will enable the public to understand the problems affecting Canada's relations with the Latin American states and to follow, with greater understanding, events in Latin America.



America

First International House Summer Seminar

WE ARE DELIGHTED that many of the outstanding speakers who will lead the Public Affairs Seminar on Latin America will be staying on for the week-end to help establish a new UBC tradition: the Annual International House Summer Seminar.

A foreign student in Graduate Studies sparked the idea. It was soon developed by a round-table of faculty, board members from International House, and representatives of internationally-minded campus groups, including the Alumni Association.

It is anticipated that up to one hundred people will attend, including faculty, Canadian and foreign students from winter and summer sessions, and members of the community, both alumni and friends of International House.

The idea of holding the seminar in a residential camp-setting was suggested. An opportunity for conferees to devote themselves to study and discussion, freed from the usual distractions and in pleasant outdoor surroundings, was very appealing to the planners.

For July 5-7 we find residential camp-sites at a premium and may therefore hold our seminar this year on our own home ground at International House. As more and more foreign students come to UBC for advanced study we find a rich international resource here on our doorstep.

The International House Summer Seminar is a special avenue of continuing education capitalizing on these resources and providing a much sought opportunity for foreign students to share ideas with Canadians, and particularly University alumni.

The registration fee will be nominal, partly covered by a tie-in with the Public Affairs Seminar, as two of its evening sessions are particularly pertinent to our programme. These are the Wednesday and Thursday evening panels, on power and revolution, and on the economic potential in Latin America.

The first two major sessions of the week-end seminar will deal with revolution in Latin America, historically, economically and politically. Following upon general discussion, there will be a panel on the future of Latin America. The third phase of the study will be directed to consideration of the cultural implications of increasing understanding among the Americas.

The major speakers will be the leading participants in the Public Affairs Seminar. Under this outstanding leadership our aim is to draw together the many disciplines and cultural backgrounds represented in our University and greater Vancouver communities. The first International House Summer Seminar promises to provide a stimulating venture in international understanding.

Alumni will note that the sessions of the Seminar on Public Affairs will take place in the late afternoon and early evening in order to facilitate their attendance. Brochures describing the programme are available from the Summer School on Public Affairs, Department of University Extension or by telephoning the director at 224-1111, local 715. For further information on International House Summer Seminar telephone International House.

His Excellency Américo Cruz

H. Leslie Brown

Excerpts from Dr. Northrop Frye's Congregation address on May 31 to graduates in the arts and sciences

"therefore choose life"

STUDENTS of primitive societies tell us how important is the *rite de passage*, the social ritual marking the transition from one phase of life to another . . . These same students tell us further that in rites of passage there are always at least two elements involved, one of separation from a past phase of life, and one of incorporation into a future one. The separation part of this rite is simple enough: What you're incorporated into is less easy to see. It's customary to say that you're going out into the world, but if you're not in the world now you never will be. You're bound to feel, quite rightly, that there is much more to this business of being graduated than merely ceasing to be where you've been. . . .

Here you've been attached to a University with a capital U, a specific institution that gives specfic degrees. But people who may not know you've been here will speak of you as having been "to university," with a small u. That means something more: it means a certain way of life that you've been in contact with, and would have been at any university. As you leave the University of British Columbia, what you are being invited to join is the lowercase university, the university of the world, as I should call it, which represents the social values that this institution exists for. . . .

Some time ago [I was asked]: should we devote our main educational efforts to producing a managerial or intellectual elite? My answer was that if society demands an elite of this kind, the universities will produce it; they must produce what society thinks it has to have. Many of our important people are university graduates and it is no doubt legitimate enough for a University to point with pride to the important people who hold its degree. But the real elite, the really best people, are an invisible group, and nobody except God knows who they all are. Some of them have influential places in society, but most of them are diffused through and dissolved in that society, like the salt to which Jesus compared his disciples. They include the quiet self-effacing people who are busy teaching school or fixing teeth or saving money to send their own children to university, who sit through endless dull committee and board meetings because it's a public service to do so: in short, the people who devote as much of their lives as possible to keeping up the standard of culture and civilization, both for themselves and for their communities. They would include a teacher of French I know in a small town in this province, who bought herself a couple of cats in order to have somebody to talk French to in this allegedly bi-lingual country. They certainly include the members of this staff, who, like nearly everybody else in a Canadian university, are maintaining standards of scholarship at a weary distance from the nearest research library.

So far as it is a teaching institution, the University exists primarily to recruit people from the bigger lower-case university of the world. At the same time a good many people come into the university of the world with very little formal education, and among those who have the education there is a heavy drop-out. The reason is that when you move from one to the other, you move from one kind of knowledge to an entirely different kind. Here you're exposed to knowledge *about* things, which is very easy to acquire, as is obvious from the number of people in front of me, and very easy to lose. It's what you produced on examinations last week, and will start forgetting next week. Knowledge *about* things is mainly intellectual, and it demands a good memory and a sense of detachment. Its great virtue is objectivity, the ability to see things as they are, preferably on both sides. What you transfer to the university of the world is not this, but knowledge *of* things. Knowledge of things is really your vision of society, and is part of what you are. It is engaged and committed, not detached: it demands moral qualities, like courage, and holding it is a constant test of character. To join the university of the world it is not enough merely to do one's job and mind one's own business. To maintain the standards of culture is a fight, and a fight with enemies. It doesn't take long to discover who the enemies are: they are the people whose vision of society is that of a mob, who are dedicated to hysteria, slander, persecution and hatred. In some places the enemy has become so strong that the university of the world has been actually destroyed or driven underground. The institutions called Universities are still there: they still teach arts and science and train for professions and grant degrees, but their degrees are no good any more, because the essential social reason for producing them no longer exists. . . .

Most of us today feel that man's original state is not to be understood by his past, but by his present and his future, just as the original state of the acorn is not the pellet in the ground, but the oak tree it is trying to become. If you find this hard to understand, you need to develop your imagination, preferably by reading literature, and you can learn a great deal about it from your own British Columbia literature. If you read, or reread, the second story in Ethel Wilson's *Equations of Love*, "Lily's Story", you will read a very simple account of how a girl puts up a gallant fight for herself and her child against her own background. Its meaning is less simple: its meaning is that a person's real character is revealed, not by what he has been or done, but by what he is trying to make of himself at any given moment. Next, I suggest you read Earle Birney's radio play, *Trial of a City*. Here the annihilation of Vancouver has been decided upon by some mysterious tribunal, and everyone who appears to defend the city shows that there is no reason in the world why this should not be done. Fortunately not all the reasons are in the world. The point is that man can always be condemned by his own past. What we have done becomes, forever, the property of the accuser of mankind, and as long as we assume that the future consists only of the logical consequences of the past, we can look forward to nothing but disaster.

This brings us, of course, to the chief preoccupation of our time, the apocalyptic explosion. We have certain mechanisms set up that, in a few minutes, can kill half the human race and destroy the value of living for the other half. And yet, others say, if we don't set this bomb off, we shall have a population explosion, where the world will become so crowded that having a large chest expansion will constitute an act of aggression. Shall we suffocate with life or with death? It is merely ignorant to imagine that this problem is original with us, and the answer to it is in the Book of Deuteronomy. "Behold, I have set before you today life and death; therefore choose life." The "therefore" is inserted not because it is logical, but precisely because it is illogical, the irrational choice that refuses to face the consequences of one's actions. . . .

I have spoken of what you are about to be incorporated into, but this is a rite of separation too. I think there is an impressive significance in the fact that, of all institutions, the University is the only one that requires you to leave it . . . It dismisses you, because, while its reality is mainly in the past, it knows that your reality is always in the future, always beginning in the present moment . . . Like a Spartan mother, it sends you out to stand or fall by the power and skill it has tried to give you; it is not careless about your fate, merely careful of your freedom.

Director's Diary

Dr. James Miltimore
Summerland
Branch President

DEAR DIARY: During the post-exam doldrums that have just about come to an end, and are to be abruptly ended with the onrush of Summer School students, we've had time to reflect on recent alumni activities—local and world-wide.

Datelines

CHICAGO—Mrs. Richard H. Thompson (Mary Margaret Leeson) hosted the first Chicago alumni branch meeting last April 3rd. There was a good turnout of alumni to hear guest speaker, Dr. Bill Gibson of UBC, and Mary reports, "I could see the old spirit returning to our alumni eyes as Dr. Gibson outlined the future plans for our Alma Mater." OTTAWA—Sixty UBC grads gathered at Ottawa on April 2nd to hear Dr. George F. Davidson speak on the Glassco Commission Report. Dr. Davidson was introduced by Ted Jackson, president of the Ottawa alumni chapter, and thanked by Wilson McDuffee, branch vice-president. MANILA, PHILIPPINES — UBC was officially represented by Joaquin O. Siopongco, BSCE(Madua Inst. Tech.), MASc '62, at the inauguration of Dr. Carlos P. Romulo as the ninth President of the University of the Philippines, on April 5th, when Mr. Siopongco presented to Dr. Romulo the official greeting on behalf of UBC. TOKYO — Mrs. Yuriko Moriya, BA'36, writes us that she has recently been elected the first president of the Canadian University Club, and that they would appreciate hearing of any graduates that may be travelling between the two countries. MADISON, WISCONSIN —Peter Krosby gathered the faithful UBC alumni together last April 4th to hear Dr. Bill Gibson speak on new developments at UBC in higher education and reports that it was a successful meeting. YELLOW POINT, VANCOUVER ISLAND—alumni gathered here for the second annual meeting of the Vancouver Island University Association. The guest speaker was Dean John F. McCreary, Dean of UBC's Faculty of Medicine, who spoke about the Macdonald Report and the newly planned University Hospital. At this meeting Jack Caldwell, LLB'48, from Campbell River, was elected president. TORONTO—graduates from all western Canadian universities held a gala evening at the 28th Annual Universities of Western Canada Alumni Dance held on March 9th last at the Royal York Hotel. Toronto branch president, John Ridington, headed up the local arrangements on behalf of UBC. PARKSVILLE, VANCOUVER ISLAND—several alumni delegates joined with students and faculty at the annual week-end Academic Symposium held February 15, 16 and 17 to discuss the problems of the university world and society generally. Any alums interested in attending the next Academic Symposium should contact the Alumni office. SUMMERLAND—Dr. James Miltimore, BSA'48, was elected president of the Summerland alumni branch at a meeting held here on February 21st. Their new secretary-treasurer, Mrs. Patricia Carter, also reports that a drive for new members in the area is currently being carried on. VICTORIA — the first joint meeting of the new Founders of Convocation of the University of Victoria and alumni in the Victoria area was held on the new Gordon Head campus on May 17th. Bob Gray continues as president of the branch for another year, backed up by a high-powered executive. After the business meeting, Willard Ireland gave a most stimulating address entitled "Victoria College — Castle to Campus." LILLOOET—Harold E. Stathers, BSP'53, has taken over as branch contact for the area, replacing Ian Cameron, who has been transferred to Vancouver. UNITED KINGDOM — UBC grads in the London area may have their first opportunity to meet the Chancellor and our new President, when Dr. Ross and Dr. John B. Macdonald will be in London to attend the Commonwealth Universities Congress, being held from July 15th to July 19th. Dr. Norman A. M. MacKenzie, President Emeritus, will also be there. Watch for further details in your mail.

Jet flight

Plans are now well under way for the first UBC Alumni Association jet charter flight next winter to the Winter Olympics in Austria. My spies tell me that the jet leaves Vancouver on January 24, 1964, returns on February 15th, and will cost only $385 return. Skiers, hockey players and other travelling enthusiasts should contact the Alumni office, 224-4366, Mr. Herman Freydenland at MU 4-2177, or Mr. Russell V. Stanton at 581-5288 for further details.

Jobs, anyone?

UBC's Personnel office tell us that they have over 2,000 students listed for all types of summer employment, and that a simple call to them will start a student on his (or her) way to you, and help the students out as well. Austerity!

Working committees

Our new Alumni president, Paul Plant, has set up a new system of *working* alumni committees for the coming year. The call is now out for any volunteers. If interested, please get in touch with the Alumni office by phone or letter.

Dean MacPhee honoured

COMMERCE GRADUATES gathered to pay respects to Dean and Mrs. E. D. MacPhee for their service to the University and in particular, the Commerce Faculty and business community.

Dean MacPhee is retiring as Dean of Financial and Administrative Affairs this year.

The gathering was held in the University Club on the evening of May 23rd. Ken Martin, Commerce division chairman, presented the Dean with a large bound collection of letters of tribute from Commerce graduates on the graduates' firm's letterhead.

Committee for arrangements for the reception was chaired by Roy Dixon, a former student of Dean MacPhee.

Dean MacPhee came to UBC in 1950 as director of the then School of Commerce and honorary bursar for UBC. In 1956 the school was made a faculty and he was appointed the first dean. After retiring as dean of the faculty in 1960, he became the first Dean of Financial and Administrative Affairs.

Memo from AAG

ONE THOUSAND GRADS have supported AAG 1963 by contributing over $20,000 to date. The average gift has been more than $20. We have therefore a 15% increase in average gift, a 300% increase in the number of donors and a 400% increase in dollars given. This is a most encouraging start for this year. To those 1,000 grads we say thank you for the challenge and support.

(This space is reserved for a report to be written by the other 23,000 grads of UBC. Please help us fill it soon.)

The Case now rests with the Jury-the People

Some of the "Gypsy Band": Geoff Davies at microphone; below, second from left, Ron Baker, Steve Jennings, Ron Jeffels.

THE UBC ALUMNI ASSOCIATION this year completed a two-year programme of organizing and assisting at regional conferences in the more thickly populated areas of British Columbia. The climax came recently when five Regional Conferences on Higher Education were held in a two-month period.

The conferences dealt with the broad aspects of higher education in this province, the Macdonald Report, technical and vocational education, and particular regional problems. Many experts gave of their time to speak at the gatherings which were open to all interested members of the region and their presence contributed to the success of the conference.

One of the noteworthy groups in this respect came to be known as "The Gypsy Band", comprised of Professor G. O. B. Davies, Professor Ronald Baker, Dr. John Chapman, Dr. Ronald Jeffels, Dr. Stephen Jennings, and Dr. Walter Hardwick, members of the UBC faculty who had contributed to the research and writing of the Macdonald Report. The conferences were carefully planned and organized well in advance by volunteers who were citizens of the region.

KELOWNA

Over 500 people attended an exciting Conference on March 9th, featuring the new UBC President, Dr. John B. Macdonald as the keynote speaker. Excerpts from his speech are printed elsewhere in this section of the magazine.

The morning panel comprising the faculty members who had assisted in the writing of the Macdonald Report dealt in some detail with the Report and answered many questions, both after the panel, and during an open question period following lunch. During the afternoon an open session in the form of a panel entitled "Design for Action" was held. At the conclusion of the Conference a resolution was passed endorsing concerted action by all areas in the Okanagan-Mainline region in applying for a regional junior college.

PRINCE GEORGE

On March 23rd, Dean S. N. F. Chant delivered the opening address at a regional conference with the theme "After Grade XII, What?" After a morning panel on the Macdonald Report, and luncheon, an afternoon panel explored the resources of post-high school institutions available to the people of B.C. Following a series of discussion groups, the Rev. Newton Steacy summarized the Conference.

At the Conference banquet in the evening, Dr. W. H. Johns, President of the University of Alberta, spoke on the topic "A National Programme for Higher Education in Canada."

CRANBROOK

The first Conference on Higher Education in the East Kootenay region on April 20th brought people together from Golden through to Creston. This Conference also covered the wide spectrum of post-high school facilities, and formally endorsed at its conclusion the formation of an East Kootenay University Association to continue to work for the establishment of a regional college in that region.

Dean David M. Myers, Dean of the Faculty of Applied Science at UBC, lead the delegation from UBC. Dean Goard of the Vancouver School Board was also one of the featured speakers, and his exposition of the vocational training programme attracted a great deal of interest at the Conference.

BURNABY

The Burnaby School Board sponsored a similar type of Conference on May 4th at the Vincent Massey junior high school. The programme featured the new chancellor of Simon Fraser University, Dr. Gordon Shrum, and Dr. J. B. Macdonald, President of UBC. This was the first public conference of its type to be held in the Metropolitan Vancouver area, and drew much attention, particularly with regard to the location of the proposed Simon Fraser University.

TRAIL

Citizens of the West Kootenay area gathered last May 11th to debate and discuss their problems of higher education. The Conference theme was "The Macdonald Report and a Kootenay College." After a keynote address by Dr. John B. Macdonald entitled "The Aims of Higher Education in British Columbia," a morning panel discussed "The Role of a Junior College."

This Conference featured Dr. Macdonald, of UBC, and two college administrators, Dr. R. K. Berg, President of Everett Junior College, and Dean W. J. Cousins, of the Lethbridge Junior College.

Discussion during the afternoon was devoted to the problems of establishing a regional Kootenay College, and featured expert speakers from different academic settings in B.C. At the conclusion of the Conference a formal resolution was passed urging the speedy implementation of the recommendation for a Kootenay college under the combined leadership of the School Boards in the area.

With Northern B.C. and the Peace River region the only areas left uncovered, the case for higher education now rests with the jury—the people of this Province, who in the end will decide exactly what kind of system of higher education they will enjoy.

Kelowna Conference on Higher Education

President Macdonald addressing Conference. Below, from left, Paul Plant, R. K. Berg, Carleton Whitehead, Mack Stevenson.

FIVE HUNDRED Okanagan - Mainliners gave the President of the University of British Columbia a standing ovation when he addressed them at the second Okanagan-Mainline Regional Conference held on Saturday, March 9th, in the Kelowna high school.

Dr. Macdonald sketched the broad outlines of the needs and problems of higher education. Following are excerpts from his speech:

"In the past we have not succeeded in persuading either our citizens or our governments that we must support education at the level which is required in this changing world of the twentieth century. Yet education is the major key to the progress of mankind and to the preservation of those rights and privileges which we believe should be shared by all men. . .

"The days are rapidly disappearing when the man with little formal training can make an appreciable contribution to our national strength. Muscle power has been almost totally replaced by the machine. But what is of more importance and direct interest to the individual is that in this world of the twentieth century he must be so educated and his mind so trained that he is able to live with some measure of mental ease and spirtual ease. . .

"The persons who will make the greatest contribution to society will be those educated to the limits of their capacity and talents by the very best kinds of educational institutions we can finance and staff. Human resources are our most important assets. . .

"In Canada more is needed by way of educational facilities at the level of college and universities in the next seven or eight years than we have been able to accomplish since Confederation. . .

"You have decisions to make here in the Okanagan Valley, and they are your decisions—they are not my decisions, they are not the University of British Columbia's decisions, and they are not the Provincial Government's decisions. . . It is up to you to decide what you want. It is your responsibility, and you must choose your own opportunity and decide what kind of growth you want in your Valley. . .

"The very sobering facts of where we stand in this world are before us and the tasks that are facing us are monumental. They will not disappear by ignoring them—they are urgent tasks. We are faced with a national emergency with respect to education, and whether we win or lose as a nation is going to be determined largely by how effectively we face the tasks ahead of us in the field of education. . .

"Can we make the decisions about the support of higher education that are needed now for our welfare, our economy, our fair participation in a world of revolution, and our survival? I believe we can—I believe we must. . ."

Homecoming 1963: Chairman chosen, plans laid

MANY CLASSMATES will renew college day acquaintances when they reunite at Homecoming this fall. The class of '18 is the senior class this year. Their reunion is being planned by Magistrate Lorne Jackson.

Joe Brown, Aubrey Roberts, and a committee of classmates are busy planning a big day for their class of '23. Dr. Douglas Telford and his committee, who planned the class of '28 reunion five years ago, have agreed to do it again. Harold Moorehead is in contact with 1933 class president, Vic Rogers, for his thoughts on the class of '33 reunion. Paul Paine will plan the '38 reunion, and Mrs. J. A. Findlay, (Honorée Young), has consented to organize for the '43 class, whose members have been away 20 short years. Rod Lindsay has plans for the class of '48, while the first reunion for the class of '53 will be directed by Art Phillips.

All in all, it sounds like fun, if your year of graduation ends in -8 or -3. That is, except for the class of '58. They're too young for this type of party!

For those not attending reunions and as a plus for the reunion classes, Homecoming chairman Bill Rodgers is planning many innovations and surprises. Di Wong, luncheon chairman, has several original ideas for her barbecue luncheon. Dick Archambault has big surprises in store for the Alumni Ball on Saturday. Margaret Hayward hopes to present some outstanding lectures. Plus! Plus! Plus!

Bill Rodgers, Homecoming Chairman

All about the Chronicle

The *Chronicle's* editorial committee, under Cec Hacker, recently proposed and had accepted by the Alumni Association's Board of Management, a statement of policy concerning the *UBC Alumni Chronicle*.

This statement listed four principal objectives for the Association in publishing this magazine. These were: to maintain contact between the Association, the University and the graduates; to make the graduate body aware of the achievements of UBC and of the problems it may be expected to face in the future; to adequately inform graduates of the gravity of the whole problem of the development of higher education facilities in B.C., and to inform them of what our Association is trying to do about such matters; and to stimulate graduates themselves to participate in Alumni Association activities.

For our magazine features, the Committee has adopted what has become known as the Nicol Law, named after its author, Eric Nicol: features must be bright, interesting and may be opinionated. They must be relevant to UBC, feature a UBC graduate or concern the subject of higher education. Preferably, they should contain news that cannot be found elsewhere.

The Editorial Committee suggested in their policy statement that the *Chronicle* should go to all graduates as soon as the financial resources of the Association permit. Presently, the magazine's circulation, which exceeds the very respectable figure of 10,000 copies, is sent primarily to donors of Alumni Annual Giving of recent years. Almost half of the recipients live in greater Vancouver, and almost three-quarters of them live in British Columbia.

The *Chronicle* is an excellent medium for reaching a better-than-average income market—university graduates. Our readers include influential people in business, government, and education. We suggest that you should sell your products, services and yourself to your fellow alumni.

The Editorial Committee would like to thank those people and firms who do advertise in the *Chronicle*. Only through their support are we able to put out a magazine of which we can be proud.

For complete information, write to Mr. Gordon Thom, Business Manager, UBC Alumni Chronicle, 252 Brock Hall, University of British Columbia, Vancouver 8, B.C.

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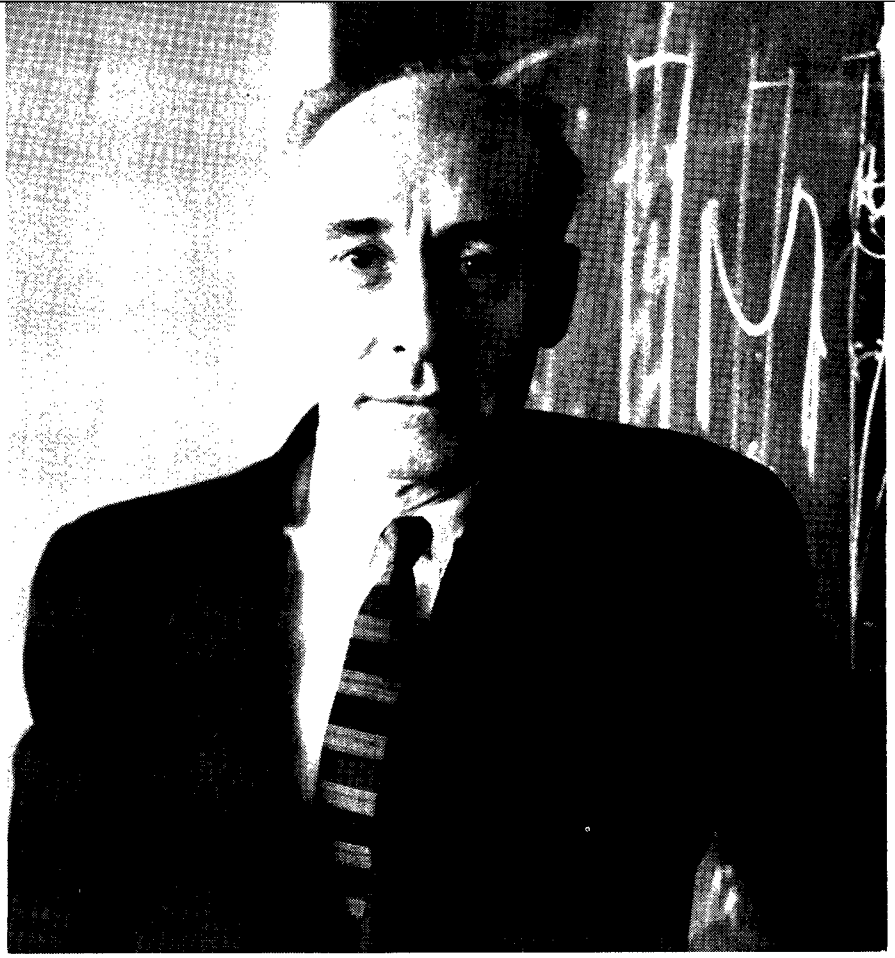
Alumnae and Alumni

Items of Alumni news are invited in the form of press clippings or personal letters. These should reach the Editor, UBC Alumni Chronicle, 252 Brock Hall, UBC, for the next issue not later than August 1, 1963.



Howard O. McMahon, BA'35, MA'37, PhD(MIT), has been named executive vice-president of Arthur D. Little, Inc., well-known private research organization in Cambridge, Massachusetts. He has successively held positions of science director and senior vice-president in charge of the research and development division. He joined the research company in 1943. Dr. McMahon co-invented the Collins-ADL Helium Cryostat, which has made possible most of the world's low temperature research. In 1951 the Franklin Institute awarded him the Edward Longstreth medal for his contribution to helium liquefaction; and in 1952 the American Ceramics Society gave him the Frank Forrest award for work in the field of thermal radiation from heated glass.

A native of Alberta, Dr. McMahon now lives at 72 Shade Street, Lexington, Massachusetts with his wife and three children, Thomas, Jean and Nancy.

1917

Dorothy R. Geoghegan, BA, co-principal and one of the two founders of Queen Margaret's school for girls in Duncan, has retired. Since its opening in 1921, the school has grown from 10 day girls to its present enrolment of 104 boarders and 71 day girls. Miss Geoghegan will continue to take classes in Latin.

1921

Mrs. Hazel E. Hodson, née **McConnell,** BA, MA'23, head of the language department and girls' counsellor at Victoria high school, has won the 1963 Fergusson Memorial Award, the top teaching honour presented by the B.C. Teachers' Federation. Mrs. Hodson was formerly a French instructor at UBC and also taught at King George high school in Vancouver. She has been teaching for 40 years.

1923

Theodore V. Berry, BASc, has been elected chairman of the Canadian section, American Water Works Association. This is the first time the chairmanship has moved west of Winnipeg. Mr. Berry has been associated with the Greater Vancouver water district since 1926 and with the sewerage district since 1931. He has been commissioner of both since 1952.

Mrs. John H. Creighton, née **Sally Murphy,** BA, has received a Canada Council Award to spend some four months in the West Indies broadcasting and speaking on Canadian subjects and collecting material for broadcasts and scripts. She and her husband, who retired from the English department of UBC in June, will travel to Jamaica by freighter in the fall.

Earlier this year, Mrs. Creighton, a former president of the Vancouver branch of the Association of Canadian Television and Radio Artists and a former vice-president of the national council, was voted by her colleagues a life membership in the Association "for distinguished services to the performing arts."

1927

Charles B. Bishop, BASc, has been appointed division general manager of the west coast container division of Container Corporation, with headquarters in San Francisco. Mr. Bishop joined the company in 1937 and served as sales manager and general manager of the company's Rock Island, Illinois, plant. In 1953 he was made general manager of the Los Angeles, California, container plant.

1928

Albert S. Whiteley, BA, MA(Pittsburgh), who was a member of the Re-

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strictive Trade Practices Commission from 1952 to 1962, is now Consul General for Canada in Seattle.

1929

William B. Patrick, BA, has been appointed vice-president of The California Standard Company in Calgary. He has been with Calfornia Standard since 1935 and head of the finance department since 1957, a position he will continue to hold in addition to his new appointment.

1932

Donald J. Morgan, BCom, has been appointed manager of Pacific Petroleums Ltd. Mr. Morgan, who has been marketing petroleum products here and in the U.S. for 28 years, will be in charge of all sales activities for the company.

1936

Cameron Gorrie, BA, secretary of Peterborough, Ontario's YMCA since 1958, has been appointed to the staff of the greater Vancouver YMCA. Mr. Gorrie will specialize in training and programme development in his new position. He has been active in 'Y' work since 1936.

John G. Wallace, BA, has been appointed principal of Oak Bay senior high school. Mr. Wallace started teaching there in 1927 and in 1952 became vice-principal.

1937

Kenneth A. West, BA, MA'39, PhD (McGill), vice-president of Canadian Oil, has been appointed a vice-president of Shell of Canada. He joined Canadian Oil in 1951 as chief process engineer and held senior manufacturing positions until 1961, when he was named a vice-principal.

Mrs. Kenneth P. Groves, née **Maisie Clugston,** BA, BASc(N), was elected president of the Council of Delta Gamma international fraternity for a two-year term at their fortieth convention last June. She is the first Canadian to serve as president of the Council.

1938

C. George Robson, BA, has been appointed to the Vancouver police commission. An order-in-council named Mr. Robson as commissioner for a four-year term, replacing **Brenton S. Brown,** BA, BASc'33. Mr. Robson was called to the B.C. bar in 1945 and started a private practice in Vancouver in 1947.

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Candidates in Federal Elections

NAME	RIDING	PARTY
	British Columbia	
Robert Prittie, BA'47	Burnaby-Richmond	New Democratic Party
William Trainor, LLB'50	Burnaby-Richmond	Liberal
John Davis, BASc'39, BA,BASc (Oxon.), PhD(McGill)	Coast Capilano	Liberal
Mary F. Southin, LLB'52	Coast Capilano	Progressive Conservative
Wilfred R. Jack, BA'35, MA'37	Fraser Valley	Liberal
Erhart Regier, BA'50	Fraser Valley	New Democratic Party
Jarl Whist, LLB'56	Kamloops	Liberal
William B. Mundy, BA(Tor.), BST(Tor.), BSW'63	Kootenay East	New Democratic Party
Douglas Greer, BA'49, LLB'50	Nanaimo-Cowichan-the Islands	Liberal
William Gilmour, BA,LLB'52	Okanagan-Boundary	Liberal
David V. Pugh, BCom'34	Okanagan-Boundary	Progressive Conservative
J. A. (John) Young, BCom'49	Okanagan-Boundary	New Democratic Party
Ronald J. Jephson, LLB'56	Skeena	Progressive Conservative
S. Ronald Basford, BA'55, LLB'56	Vancouver Burrard	Liberal
Tom Berger, BA'55, LLB'56	Vancouver Burrard	New Democratic Party
Douglas Jung, BA'53, LLB'54	Vancouver Centre	Progressive Conservative
Alex Sharp, BA'39	Vancouver East	Liberal
Arnold Webster, BA'22	Vancouver Kingsway	New Democratic Party
Cliff Greer, BA'48, BEd'57	Vancouver South	New Democratic Party
Arthur Laing, BSA'25	Vancouver South	Liberal
Foster Isherwood, BA'43, MA (Western Reserve), LLB'51	Victoria	Independent Liberal
	Northwest Territories	
Eugene Rheaume, BA(Sask.), BSW'56	Northwest Territories	Progressive Conservative
	Ontario	
Gary Chertkoff, LLB'57	Hamilton West	New Democratic Party
	Quebec	
John Turner, BA'49, BA, BCL and MA(Oxon.)	Montreal St. Lawrence-St. George	Liberal

James Wighton, BASc, has been appointed B.C. regional engineer for the Canadian Broadcasting Corporation. Joining CBC in 1939, he was seconded in 1942 to the National Research Council to work on radar for the RCAF. In 1953, he was appointed supervising engineer at CBC, Montreal, and last year he was named assistant regional engineer for the Prairie region.

1940

John E. Stark, BCom, a hotel and club executive who has always had an ambition to make either glass or steel has left his position as secretary-manager of Vancouver's Terminal City Club to become executive vice-president and managing director of A-1 Steel and Iron Foundry.

1941

John D. Beaty, BASc, owner and founder of Beaty Laminated Limited, the only manufacturer of hardwood plywoods in Western Canada, has sold the company to Crown Zellerbach Canada Limited. Mr. Beaty will continue with the organization.

1942

Harold T. Fargey, BASc, has been appointed vice-president, sales, of the Consolidated Mining and Smelting Company of Canada Limited, in Montreal.

Jean McMullan, BSA'42, MSA'47, is a woman Aggie graduate who really farms. After a little time in the RCAF she returned to UBC, worked her way to a master's degree as a lab instructor and stayed on for a couple of years teaching. She now has 12½ acres (some of which she cleared herself) and sells her vegetables in a roadside stall. Obviously, she says, you don't need a master's degree to run a market garden, but a woman farming on her own will benefit from all the knowledge she can acquire. Miss McMullan's inquiring mind leads her to invention, too. She found an abandoned washing machine, fitted it with brushes, and now uses it to wash her vegetables for market.

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Current Books by UBC Graduates

The editor invites news of current books by UBC graduates.

Lt. Col. T. Murray Hunter, BA'35, MA (Clark), senior narrator of the Army historical section, Ottawa. *Marshal Foch: A Study in Leadership.* An analysis of the career and achievements of the Commander-in-Chief of the Allied Armies in the First World War. The author is now preparing a study of selected Napoleonic campaigns, to be published in 1964. He is the English language secretary of the Canadian Historical Association. Queen's Printer, Ottawa. $1.50.

Takashi Kiuchi, BA(Keio), MA'60, staff member of Mitsubishi Electric Mfg. Co., Ltd. in Japan, with six young scholars, *A Study of Canada* ("Kanada no Kenkyu", in Japanese). A systematic analysis of the state of affairs in Canada with special emphasis on the economic aspect. The first of this kind in Japan. Institute of World Economy, Japan. 500 yen.

Donald Evan McAllister, BA'55, MA'57, currator of fish at the National Museum of Canada in Ottawa. *List of the Marine Fishes of Canada.* National Museum of Canada Bulletin No. 168. $1.25. Also, *A Revision of the Smelt Family, Osmeridae.* Bulletin No. 191. $1.00 Queen's Printer, Ottawa.

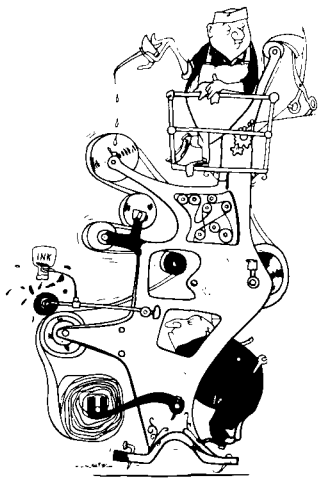
Bernard Ostle, BA'45, MA'46, PhD(Iowa State), professor of engineering at Arizona State University and special consultant for several industrial firms. *Statistics in Research,* second edition. Deals with statistical methods that have proved useful in most fields of research. Iowa State University Press, Ames, Iowa. $10.50.

Lester Ray Peterson, BA'51, BEd'53, MA'59, teacher in Gibsons. *The Gibsons Landing Story.* History of the community of Gibsons Landing, with information on the geology of the region and the native population, by the son of a pioneer of the district. Excellent illustrations. Readers Club of Canada Ltd., Peter Martin Books Division, Toronto. $5.00.

Robert F. Scagel, BA'47, MA'48, Institute of Oceanography, UBC. *Marine Plant Resources of British Columbia.* Topics included are distribution and ecology of marine plants; marine grasses; marine algae; potential resources in B.C.; uses of marine algae and 27 reproductions of common B.C. species. Fisheries Research Board of Canada Bulletin No. 127. Queen's Printer, Ottawa. 50c.

Walter Sheppe, MA'51, Phd'58, editor. *First Man West.* Dr. Sheppe has researched and annotated the journal of Alexander MacKenzie's explorations of Canada's Pacific coast. He has done an extremely thorough job in the preparation of this journal and written an excellent prologue and epilogue for it. University of California Press. $7.50.

A. F. Szczawinski, MagPhil(Lwow), PhD '53, curator of herbarium, Provincial Museum, Victoria. *The Heather Family of British Columbia.* British Columbia Provincial Handbook No. 19. Queen's Printer, Victoria. 50c.



News Is Where You Find It, Including Right Here

AN ENGLISH writer of respectable stature recently pointed out that the big events of today's world are known almost instantly by everyman almost everywhere, but that the news of his own neighbors and neighborhood tends to reach him, if at all, slowly and incompletely. Well, he has a point, but one that readers of The Sun might challenge. The Sun not only has full coverage of world happenings by global press services and staff correspondents but also a wide-ranging and on-the-mark news gathering organization right in its own back yard. It's pretty hard for anything to happen in Vancouver or British Columbia without the story landing in our next edition.

SEE IT IN THE SUN

Mr. Fargey has been with Cominco for over 20 years in various capacities in Western Canada and at the head office in Montreal.

1943

Bruce E. Emerson, B.A., LLB'49, deputy corporation counsel for the city of Vancouver, has resigned to re-enter private practice as a partner in the legal firm of Andrews, Swinton, Smith and Williams.

Donald B. Fields, BCom, MBA(Tor.), FCA, sessional lecturer and partner in Clarkson, Gordon & Co., chartered accountants, has accepted a two-year assignment as research supervisor with the Royal Commission on Taxation in Ottawa. Mr. Fields has been treasurer and member-at-large on the Board of Management of the Alumni Association.

Harry S. Weiner, BASc, has been named manager of operations, international division of the Diamond Alkali Co. with headquarters in Cleveland, Ohio.

1944

Ronald N. MacKay, BASc, will undertake new responsibilities as representative in engineering sales for Galbraith & Sulley in Vancouver. Mr. MacKay has had wide experience in several engineering fields with particular emphasis in automation in the forestry pulp and paper and allied industries.

1945

Hugh Christie, BA, MSW'52, has resigned as warden of Oakalla Prison Farm to take over the training division of the foreign aid section of the Department of External Affairs in Ottawa. Most of his work will be with persons from foreign countries who have come to Canada on grants.

Born in Vancouver, Mr. Christie was director of corrections in Saskatchewan before he took over the post at Oakalla. He is also a former university lecturer on criminology.

In 1951, he helped draw up a report on jail management and the following year was named warden to carry out the government's programme of prisoner rehabilitation.

In 1959 the United Nations sent him to Thailand for a year as an adviser on crime prevention, probation services and institutions.

James Hatter, BA, PhD(State Coll. of Wash.), has been appointed director of the provincial fish and game branch. Dr. Hatter joined the branch in 1947 as a student biologist and for a number of years was chief game biologist. He is a keen fisherman and hunter and an expert shot with both rifle and shotgun.

Roderic Frame Sexsmith, BASc, has returned to Canada from Bahrein on the Persian Gulf after 15 years' service there with Standard Oil of California. He is now in the power department of Caltex Oil, in Montreal.

1946

Julius A. LeBrun, BASc, is chief equipment engineer for Giffels & Vallet of Canada, Ltd. in Toronto. He has been with materials handling and industrial process equipment design since graduation.

Denis C. Smith, BA, BEd'47, DEd (Calif.), has again been asked to serve as advisor to the Canadian Education Association-Kellogg National Conference on problems in general school administration. The conference is sponsored by the University of Alberta this year at Banff.

H. J. (Jack) Williamson, BCom, is head of Wheels & Equipment Ltd., a Canadian firm staffed entirely by Canadians with quarters in both Vancouver and Calgary.

1948

John B. Brown, BCom, assistant director of the Vancouver General Hospital, has been appointed assistant administrator to the Riverside Community Hospital in Riverside, California. Mr. Brown served with the provincial government as regional representative for BCHIS and as auditor with the comptroller general's department. After receiving a degree in hospital administration at UBC, he joined the Vancouver General Hospital as administrative resident.

Ralph F. B. King, BA, MA and PhD (Tor.), has resigned as head of the department of English at Royal Roads Services College in Kingston, Ontario to become professor of English and associate dean of arts at Brandon University in Manitoba. Dr. King has been active in the Victoria branch of the Humanities Association of Canada. He was also Canadian consultant to the Crowell-Collier Publishing Company assisting in the editing of their *Young People's Encyclopedia.*

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*If no third year student is considered suitable, a fourth year student may win this bursary.

Applications for these bursaries should be made to Dean Walter Gage.

FRASER VALLEY MILK PRODUCERS ASSOCIATION

Donald G. Ivey, BA'44, MA'46, PhD(Notre Dame), is in the news again. He has just been appointed principal of New College in the University of Toronto. He succeeds Principal F. E. W. Wetmore who died suddenly on January 20 during the College's first year of operation.

Dr. Ivey was featured in last issue's Alumni notes for winning, with his partner Professor Hume, the Thomas Alva Edison award for the best science education film of 1962. (They have since won a silver medal for another TV science film from the Science Institute in Rome.)

New College is the first of a new kind of residential college at Toronto, open to men and women of all faculties and schools. The four old colleges, University, Victoria, Trinity and St. Michael's, are restricted to students in the Faculty of Arts and Science. During its first year, and in temporary quarters, New College has a registration of 257, mostly freshmen. Construction is to begin this summer on a five-storey permanent home, with residence facilities for 300 men and tutorial, dining and social areas for 1200 students of both sexes.

Dr. Ivey, 41, was born in Clanwilliam, Manitoba, but spent most of his youth on the west coast. He joined the University of Toronto after receiving his PhD in 1949.

Dr. Ivey is one of Canada's few physicists specializing in the study of polymers—that is, rubber and other substances composed of long-chain molecules. He is a member of the National Research Council's associate committee on high polymer research.

As a scientist he has some astringent observations on popular attitudes towards his field. "People don't appreciate the limitations of science," he said recently. "One reason is that so much of what we see as science simply is not. We are constantly exposed to men in white coats doing everything—from launching a rocket to praising a commercial product.

"I'm also worried that the public seems to accept one scientist's statement on non-scientific issues as representing the opinions of all scientists. In fact, we don't always agree even on scientific matters.

"Science isn't a mystery or magic. It is an intellectual activity carried out by man, and not by nature. Even the so-called laws of nature are nothing but laws about nature concocted by men who knew all the time that they were producing nothing but approximations.

"The only way people can learn more about science is through exposure to it. That's one of the principal reasons for our television programmes—simply to let people hear scientists talking about science."

James G. Thomson, BASc, is vehicle development engineer for Imperial Oil. Mr. Thomson has been special projects engineer with Imperial Oil since 1946. Among the projects he carried out have been the design and development of a series of tracked vehicles from one to 20-ton capacity for oil industry transportation over muskeg, and the preparation of a world-wide transportation manual. He has had international assignments in Colombia, South America and Libya, North Africa. From 1950 to 1956 he was defence scientific research officer in charge of the soil and snow mechanics and vehicle mobility research group, Defence Research Board, Ottawa.

1949

Terrance H. Butler, BA, MA'53, a gear specialist with the Fisheries Research Board, Biological Station, Nanaimo, has developed a new type of prawn trap, using metal sides and net tunnels. Costing only $3 more than the standard net-covered trap, it proved to be 39% more effective in a year-long series of tests on prawn grounds off Snake Island and Five Finger Island near Nanaimo.

Ian F. Greenwood, BSA, assistant general manager of Sun-Rype Products Limited, Kelowna, has spent some three weeks in New Zealand at the request of their apple and pear marketing board. He was advising on various aspects of production cost control in their recently established processing plant located near Nelson on the South Island. Mr. Green-

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FINE ARTS

July 11, 12—Keyboard Writing: Bach to Bartok—Denis Matthews, English pianist
July 17, 18, 19—Art and the Human Environment—Dr. Peter Selz, New York Museum of Modern Art
July 25—The Artist and Mass Media—Dr. Edmund Carpenter, anthropologist
University Auditorium, 8 p.m.

PUBLIC AFFAIRS

July 4—Development of the Economic Potential of Latin America—panel discussion with leading participants of Latin American Seminar
Buchanan 106, 7:30 p.m.

THE COLUMBIA RIVER TREATY

July 9—An Outline of the Problem—Dr. John V. Krutilla, Resources for the Future, Incorp.
July 16—The Federal View of the Treaty of 1962—Mr. Davie Fulton, QC, former Minister of Public Works.
July 23—The American View—Mr. Ivan White, Minister, U.S. Embassy, Ottawa
July 30—The Provincial View—The Hon. Ray Williston, Minister of Lands and Forests, Dr. J. D. Chapman, department of geography, UBC, chairman
Buchanan 106, 8 p.m.

POETRY READINGS

Friday evening poetry readings with Robert Duncan, Allen Ginsberg, Denise Levertov and Charles Olson will take place at 8 p.m. in Buchanan 106, July 26 and August 2, 9, and 16

For information and brochure contact the Department of University Extension

wood's visit to New Zealand follows more than three years' close association between the British Columbia and New Zealand tree fruit industries during which time the B.C. industry has substantially assisted in the development of a processing industry now in its second year of operation.

A. David Levy, BA, free lance journalist, TV and radio broadcaster, and specialist in Soviet economic affairs, is leading a two-week study tour of the Soviet Union this summer arranged by Claire Wallace Travel Bureau in Toronto. The tour programme was prepared for Canadian businessmen interested in Russia's huge new markets for consumer goods.

John F. MacBride, BA, BASc, has been transferred from Edmonton to Montreal, where he will become branch manager in charge of the Montreal office of Johnson Controls Ltd.

Hugh G. MacKenzie, BASc, formerly district sales manager, Hamilton, for Shell Oil Company of Canada, has been appointed reseller sales manager, central division. Mr. MacKenzie joined Shell as a chemist at Shellburn Refinery in 1948.

P. Douglas McLellan, BA, BEd'55, who taught English and Social Studies at Kitsilano high school, is now head of the English department at Britannia junior-senior high school.

D. Cameron McLeod, BA, MA'51, has been appointed to the new position of senior engineer-proration for the California Standard Company in Alberta. Mr. McLeod joined California Standard as petroleum engineer in 1955.

1950

Francis James Cairnie, BA, a Victoria high school teacher, has been elected president of the B.C. Teachers' Federation.

Donald A. Chant, BA, MA'52, PhD (London), has been director of the research laboratory of the federal Department of Agriculture in St. Catharines, Ontario, for the past three years. He has worked on the biological control of the spruce budworm and orchard mites and initiated work on predacious mites and their importance in biological control of other organisms.

John D. Frazee, BASc, was among 45

Mrs. Wiggins, with Murray Wiggins standing to her right, shaking hands with young King Hussein of Jordan, at an Army Day celebration during the Wiggins' stay in Amman. Jordan's prime minister at the time, Majali, is standing to King's right. Majali is no longer prime minister. This spring the King, with the help of his Arab Legion, foiled a plot to join the United Arab Republic, dismissed Majali, and took over the government of the country himself.

Murray Wiggins, BSA'48, MS(Utah State Agric. Coll.), left in April to spend the next two years in French Guinea on a new irrigation scheme. His wife and 5-year old daughter will join him in the fall. Mr. Wiggins is an agricultural specialist in the agricultural development department of Harza Engineering Company, a Chicago firm of consulting engineers for river projects.

Mr. Wiggins returned this spring from Jordan, where he has been since 1959 as irrigation agronomist for the same company on an irrigation project in the Jordan Valley. The ultimate aim of the project is to raise the standard of living for the small farmer as well as increase the national income of the country. The scheme is at present financed jointly by the Government of Jordan and the United States Agency for International Development.

The ground elevation of the area varies from 200 metres *below* sea level in the North to 400 meters *below* sea level in the South. Stage 1 of the project which cost nearly $12 million, will be completed in September of this year, with 30,000 acres under irrigation. As resident irrigation agronomist in Amman, Mr. Wiggins headed up the farm development section of the East Ghor Canal Authority. In this capacity he was responsible for initiating the drainage programme, for the development of irrigation criteria used in design and layout of farm units, and for the soil investigation in conjunction with salinity, land re-classification and farm development programmes. His section trained Jordanians in modern irrigation farming techniques and in the efficient operation and management of the project. The land under full irrigation will be able to grow tomatoes, eggplant, melons, cucumbers, citrus, bananas, wheat, corn and alfalfa.

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Henry Zitko, BASc'49, research engineer at B.C. Research Council, has developed a twelve-volt D.C. vacuum cleaner that will be on the market this summer. The cleaner is designed to plug into a standard automobile cigarette lighter receptacle and uses about the same power as the headlights. Unlike other cleaners using battery power the performance of this model is impressive. It readily picks up the sand and pea-sized gravel which is commonly found on car floors and which is so awkward to remove otherwise in the new drop-floor cars. The hose and cord are easily detached and stored inside the attractive plastic case. In addition to cleaning cars, this cleaner is expected to be used by outdoor-types for cleaning boats, tents and for inflating all kinds of low-pressure pneumatic goods.

winners of Alfred P. Sloan fellowships in executive development at the Massachusetts Institute of Technology in Boston. These fellowships are presented annually to young business executives in the United States and abroad. Mr. Frazee will take a one-year course in management.

David B. Harper, BASc, MS and PhD (MIT), has been promoted to chief of the engineering and laboratory department of the Aluminum Company of Canada in Arvida, Quebec.

David L. McKay, BASc, has been appointed chief engineer for the International Minerals & Chemical Corporation (Canada) Ltd. at its potash project near Esterhazy, Saskatchewan. He previously spent eight years with Steep Rock Iron Mines.

Robert S. MacKay, BASc, has joined Overseas Developments (Canada) Ltd. as vice-president. Mr. MacKay will travel extensively overseas from his Toronto office, investigating engineering-construction projects. After completing post graduate studies, specializing in hydro-electric power at the Imperial College in London, England, in 1953, he joined the John Inglis Company, where he later became hydraulic engineer.

Douglas Wm. Russell, BASc, has been appointed manager of the eastern operations of Swan, Wooster Engineering Co. Ltd., Vancouver. Mr. Russell has just returned from Venezuela where he was engaged in the construction of over-water facilities on Lake Maracaibo.

1951

Robert S. Caulfield, BASc, has been appointed general manager of West African Explosives and Chemicals Ltd. in Liberia, Africa. Mr. Caulfield joined C-I-L explosives division in Vancouver after graduation and has held a number of positions in sales and technical service. The African company was recently established by C-I-L and Baird Chemical Corporation of New York.

H. Tony Dare, BASc, who spent more than two years doing engineering work on a huge dam in Pakistan, is now chief engineer for Permasteel (Alberta) Ltd.

George Rohn, BA, BSW'52, MSW'53, is director of programme development of the Canadian Mental Health Association. Dr. Rohn came to Canada from Czechoslovakia in 1950 on an International Student Service Scholarship. After graduation he worked in a psychiatric clinic in Vancouver and then held various positions with divisions of the Canadian Mental Health Association.

Norman C. Tunna, BASc, formerly assistant chief geologist with Bailey Selburn Oil & Gas Ltd., has opened a general geological consulting practice in Calgary, Alberta. He will formulate exploration plays and also work actively on well-site supervision, land evaluation and representing companies in unit meetings. Mr. Tunna recently spent some months in Australia setting up a subsidiary company for Bailey Selburn and negotiating for suitable land farmouts.

1952

David M. Bowden, BSA, MSA'57, PhD (Oregon), animal nutritionist at Agassiz experimental farm, has created a cow's stomach in a test tube to study the digestibility of grass and legumes. Dr. Bowden is seeking improved feeding formulas by drawing body fluids from the paunch of living cows and using them to test the digestibility of various feeds. Test tube digestion is intended only as a rapid method of selecting forages and results will have to be checked in live animal trials.

Capt. Edward J. Grant, BSP, helicopter flight commander with the Army Aviation Tactical Training School at the Canadian Joint Air Training Centre in Rivers Camp, Manitoba, has recently joined the small group of Canadian Army pilots who have successfully completed the RCAF course on multi-engine aircraft, and who have obtained an instrument rating at Number One Advanced Flying School.

Robert G. Hindmarch, BPE, assistant professor in UBC's school of physical education, has been appointed general manager of Canada's 1964 Olympic hockey team.

Kenneth C. Lucas, BASc, has been appointed assistant director, Pacific area, of the Department of Fisheries. Mr. Lucas joined the Department in 1950 as student engineer and has recently been a senior engineer in charge of applied research for the Pacific area.

Edward G. Wiltshire, BASc, has been appointed assistant superintendent, sulphate and storage plants, Warfield, in the chemicals and fertilizers division of the Consolidated Mining and Smelting Company of Canada Limited at Trail.

1953

Thornton J. Donaldson, BASc, has joined the Vancouver office of James Richardson & Sons, stockbrokers, after extensive experience in mining exploration in New Brunswick, Quebec, Ontario, Manitoba, Saskatchewan, British Columbia and the Yukon. Mr. Donaldson has also engaged in consulting engineering.

John A. C. Fortescue, BA, MSc'54, PhD(Oxon.), is the first biogeochemist in the federal public service. He was hired by the Geological Survey of Canada to develop the basis of a new, reliable method of searching for ore bodies by studying the keen appetite of plant life for

minerals. Scientists hope the project will lead eventually to effective application by Canadian mining companies of the relatively new science of biogeochemical prospecting.

The attempt to develop an effective method of biogeochemical prospecting follows pioneer research by Dr. Harry V. Warren, BA'26, BASc'27, professor of minerology at UBC. A note about him appears in the faculty section. Dr. Warren and his co-workers demonstrated several years ago the feasibility of this form of prospecting under Canadian conditions.

It also follows a recent visit by Dr. Boyle, head of the geochemistry section of the Geological Survey, to the Soviet Union where he inspected work at geochemical research centres. He found that in biogeochemistry the Russians lead the world in the amount of basic research and scope of practical applications being studied.

Christina J. Nichol, née **Cameron,** BA, MSc'55, PhD(London), is a research associate in muscular dystrophy at UBC. This April she was awarded a $7,500 scholarship by the Medical Research Council of Canada to continue her work for three more years.

1954

Margaret M. Hoehn, née **Maier,** BA (Sask), MD, is spending a year in London, England. While her husband, Dr. Robert J. Hoehn, is doing research in tissue transplantation at the Westminster Hospital, she is working as a clinical assistant in neuroradiology at the National Hospital for Nervous Diseases in Queen Square.

1955

Kurt E. Ebner, BSA, MSA'57, PhD (Illinois), assistant professor of biochemistry at Oklahoma State University, is investigating new information on the role of hormones in the enzymes that synthesize milk sugar. Supporting the basic research during 1963 will be a grant of $15,364 to the university by the National Institutes of Health, Washington, D.C. Dr. Ebner's research project, titled "Studies in Hormone Action at the Enzyme Level" is scheduled for additional NIH support totalling $27,500 during 1964 and 1965. Dr. Ebner joined the OSU biochemistry department in 1962 following a year on the staff of the University of Minnesota. During 1960-61, he conducted post-doctoral research at National Institute for Dairy Research at Reading, England, on a Canadian overseas post-doctoral fellowship.

Mrs. Beatrice Grace Lipinski, BA (Sask.), MA, was the only Canadian winner of one of the International Fellowships for 1963-64 awarded by the American Association of University Women.

Mrs. Lipinski's special interest is care of the emotionally disturbed and preventive measures in the field of mental health. She was clinical psychologist at the Vancouver Child Guidance Clinic from 1955 to 1958 and then at the Vancouver Mental Health Centre until 1960.

Mrs. Lipinski is now studying for her PhD at the University of Cincinnati where her husband is training in psychiatry. They plan to return to Vancouver to establish a joint practice.

Stewart Paul, BA, has spent the last 18 months travelling with the Spanish dance troup of Susana y José. He first met the troupe in Dawson Creek where he was teaching high school. He went to help with the lighting and ended up acting as their interpreter. A year later, he met them again in England and became their stage manager, travelling with them ever since through Switzerland, Germany, Holland and England.

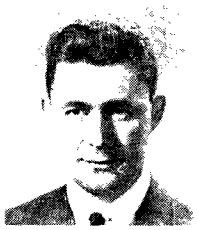
Peter J. Worthington, BA, BJ(Carleton), Toronto Telegram reporter, won the 1962 award for feature writing in the 14th annual national newspaper awards.

Orest Zakreski, BA(Sask.), BSW, is development officer with the Indian Affairs branch, Department of Citizenship and Immigration, Saskatoon. Before accepting his present position, he was a school teacher for the Indian Affairs branch at Fond du Lac.

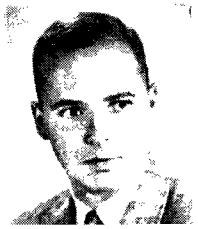
1956

Robert J. Abercrombie, BA, has been appointed manager of the Canadian Association of Oilwell Drilling Contractors. Mr. Abercrombie was formerly manager of the economics and statistics department of Canadian Petroleum Association.

W. R. PENN, CLU
Branch Manager



R. L. WARD
Assistant Branch Manager



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Timothy P. Cameron, LLB, is the new secretary-manager of the Fishing Vessel Owners' Association. Mr. Cameron is a specialist in marine law with the firm of McMaster, Parkes, Bray and Cameron. He has spent 18 years at sea and worked his way through UBC on halibut longliners and salmon seiners.

T. Roland Fredriksen, BASc, is pursuing post graduate work at Purdue University in automatic control and expects to receive his MS degree in electrical engineering this June. He was awarded a scholarship for this purpose by IBM Corporation, where he has been employed since 1959.

Michael R. Kitson, BASc, is with the engineering department of the Howe Sound pulp division of Canadian Forest Products Limited. Before joining CFP he spent four years with Rayonier Canada Limited at Port Alice.

John F. Ridington, BCom, has joined Traders Finance Corporation Limited at their head office in Toronto as property and traffic supervisor. His job includes design, lay-out, control and co-ordination of the offices of Traders as well as responsibility for the company's fleet of cars. Mr. Ridington was formerly with Ford Motor Company.

1957

Ian W. French, BSP, has just completed his PhD in biochemistry at the University of Toronto. He has received a post-doctoral fellowship from the National Research Council to study bacterial metabolism with Dr. Hans Kornberg at the University of Leicester in England.

The **Rev. Walter F. McLean,** BA, BD (Knox), has been appointed by the Overseas Missions Board of the Presbyterian Church in Canada to do special work with students in Nigeria for an initial period of two years. He is also assistant Minister of the newly formed Presbyterian congregation there. His wife, the former **Barbara Scott,** BEd'60, is teaching in a government girls' secondary school in Enugu.

John K. Maynard, BCom, is the newly appointed hospital administrator for the Vernon Jubilee Hospital. For the past four years, Mr. Maynard has been assistant administrator at the Royal Inland Hospital in Kamloops and had considerable responsibility for the development of major expansion plans there.

Arno L. Ulmer, BA, has been given an honorarium of $50 by the Richmond municipal council for research done for his graduating essay. Mr. Ulmer carried out an extensive field survey and analysis of Richmond's agricultural industry under the auspices of the federal government. His findings and work notes were voluntarily made available to the planning department of the municipality and have been of great value in the preparation of the Land Use Plan regarding agriculture.

Gerald Walsh, BEd, MEd'62, is winner of a $1,500 B.C. government scholarship. These annual scholarships totalling $5,000 are intended to provide outstanding teachers with opportunities for further study. Another winner is **Jack T. Rush,** BA'40, MA'46, who was awarded $500.

Denise A. S. Yates, BA, has joined the staff of the Victoria YWCA as a programme director for women. She has recently been employed as a social worker with the provincial Welfare Department.

1958

Gary E. Corbett, BCom, formerly assistant actuary for Manufacturers Life Insurance Company, Toronto, has been appointed actuary for the Lifeco Insurance Company of America in Seattle. Last year, Mr. Corbett qualified as Fellow of the Society of Actuaries.

Bohuslav B. Kymlicka, BA, MA(Columbia), has been appointed a lecturer in political science at Middlesex College, London, Ontario. He is currently a teacher on the staff of United College in Winnipeg.

Colin Henderson Smith, BA(Dalhousie), BEd, MA'60, is teaching with his wife, the former **Gloria Bessie Burroughs,** BA'49, B'Ed'58, in Bau, Sarawak, 70 miles from the Indonesian border. There they are supervising building and operation of a secondary school which will have 130 students when it is complete. Mr. and Mrs. Smith have taught together in Kamloops, Grand Forks, Dawson Creek, and later in London, England, before going to Sarawak as Colombo Plan teachers in 1960.

1959

Douglas E. Coulter, BASc, has been appointed general manager of the Drake Construction Company Ltd., Winnipeg, Manitoba. For the past three years, Mr. Coulter served as the company's chief engineer in Winnipeg.

Jack B. Greenwood, BCom, is comptroller of his father's company, Nelson Machinery Co. Ltd. The company was formed in Nelson, B.C. in 1938 and is now operating on an international scale with customers as far afield as British Guiana and Uganda.

1961

Jack Y. F. Lee, BSc, is a bacteriologist on the staff of the Kirkland District Hospital laboratory in Kirkland Lake, Ontario.

1962

Peter William Brown, BCom, LLB'63, has been awarded a $2,000 Carswell-Sweet and Maxwell scholarship for post graduate work in international law at St. John's College, Cambridge University, England.

John C. Holt, BSc(Manchester), MA, principal of Lucerne secondary school in New Denver and a teacher of chemistry, biology and senior mathematics, has been awarded a Shell Merit Fellowship to attend Stanford University this summer.

William A. Low, BSc, has been awarded a $2,400 National Research Council studentship. Mr. Low is now working for his MSc at UBC, specializing in zoology. At present he is making a study of the Vancouver Island elk.

Michael Stephen Mepham, BSc, has been awarded a Woodrow Wilson Fellowship for graduate study in the academic year 1963-64.

Marriages

ARDIES-BERNARD. Thomas Grant Ardies to Sharon Anne Bernard, BA'60, in Vancouver.

BOHNE-FISHER. Henry Richard Bohne, BASc'55, to Cynthia Carole Fisher, in Cornwall, Ontario.

BROWN-MCLEAN. Michael Jack Brown, BA'60, MA(Oxon.), to Valerie Anne McLean, BHE'60, in Vancouver.

CHONG-CON. Henry K. H. Chong, MD '56, to Christina S. F. Con, BSP'60, in Vancouver.

DAY-HUNGERFORD. George Sutherland Day, BASc'59, MBA(Western Ont.), to Marilyn Beryl Hungerford, in Montreal, Quebec.

FAIRBAIRN-DRYSDALE. Robert Henderson Fairbairn, MD'59, to Anne Drysdale, in Vancouver.

FORWARD-HUMBLE. Gordon Edward Forward, BASc'60, MASc'62, to Heather Anne Humble, BA'62, in Paris, France.

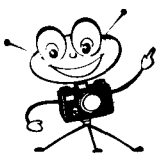
FOTHERINGHAM-DELBRIDGE. Murray Allan Fotheringham, BA'54, to Sallye Bernice Delbridge, BA'58, in Vancouver.

GREENWOOD-ROSS. Frederick Harold Greenwood, BASc'62, to Jo-Anne Ross, in Vancouver.

LAUNDY-WHITTEMORE. Patrick W. Laundy, BA'49, MB, ChB(Sheffield), to Sheila Anne Whittemore, BA'51, in Victoria.

MCKECHNIE-LEDUC. Robert Edward McKechnie, BASc'62, to Louise Marie Leduc, in Vancouver.

MCKITRICK-BARTON. Robert Murray Mc-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Kitrick, BCom'59, to Lynda Frances Barton, in Vancouver.

MAYHEW-STEVENSON. Barry Wayne Mayhew, BA'60, to Pamela Belle Stevenson, in West Vancouver.

MITCHELL-SEXTON. Ian David Mitchell, BASc'59, to Ann-Ida Sexton, in Montreal, Quebec.

OFFENBERGER-PATTERSON. Allan Anthony Offenberger, BASc'62, to Margaret Elizabeth Patterson, in Vancouver.

PEARCE-THAIN. George Ernest Pearce, BEd'61, to Christine Elena Thain, in Vancouver.

RUTTLE-OGELSBY. James William Ruttle to Isabel Warwick Ogelsby, BPE'61, in Windsor, Ontario.

TASCHUK-EAGER. Steven Taschuk to Diana Reddick Eager, BLS'62, in Edmonton, Alberta.

WALLACE-STARK. Capt. William Clarke Wallace, BA'56, to Frances Ann Stark, in Port Credit, Ontario.

Births

DR. and MRS. KENNETH G. ATKINSON, BA '51, MD'55, (née LORA CELIA STOWELL, BHE'52), a daughter, Janet Louise, April 30, 1963, in Vancouver.

MR. and MRS. GEORGE W. BALDWIN, BA '50, LLB'51, (née DAPHNE SYSON, BA '50), a daughter, Elizabeth Marian Syson, February 21, 1963, in Prince George.

MR. and MRS. JACQUES R. BARBEAU, BA '55, LLB'56, a daughter, Jacqueline, March 9, 1963, in Vancouver.

MR. and MRS. L. GERALD BELL, BASc'54, MASc'55, a son, Michael Thomas, December 7, 1962, in Toronto, Ontario.

DR. and MRS. THEODORE E. CADELL, BA '57, MSc(Mass.), PhD(Wisc.), (née LOIS CARLEY, BA'57), a daughter, Susan Anne, January 16, 1963, in Detroit, Michigan, U.S.A.

MR. and MRS. GORDON A. ELLIOTT, BCom '55, (née PATRICIA CLAIRE MCCONVILLE, BA'55), a son, Bruce Gordon, April 27, 1963, in Vancouver.

DR. and MRS. EDWARD W. FUNG, BA'49, MD'57, a daughter, Donna Lori, February 21, 1963, in Vancouver.

DR. and MRS. PETER R. GRANTHAM, BA'54, MD'58, (née MARY SCHAFFER, BA'57), a son, Robert James, April 28, 1963, in Vancouver.

MR. and MRS. EDMUND WM. HOWARD, BSF'58, (née PHYLLIS R. THOMPSON, BA'58), a son, Arthur David, March 24, 1963, in St. John's, Newfoundland.

MR. and MRS. WILLIAM F. IDSARDI, BA'48, (née DOROTHY MARION BELL, BA'49), a son, William James, February 8, 1963, in Cleveland, Ohio, U.S.A.

MR. and MRS. MARVIN LEROY JUDD, BA' 59, a son, Paul Andrew, February 28, 1963, in Vancouver.

DR. and MRS. ALBERT M. KNUDSEN, BA'50, MD'54, (née PATRICIA KATHLEEN FURNISS, BA'53), a daughter, Patricia Jane, February 13, 1963, in Vancouver.

MR. and MRS. MICHAEL D. LESIK, BA'56, (née MARGARET ANN YOUNG, BA'59), a daughter, Karin Ann Heather, February 11, 1963, in Vancouver.

DR. and MRS. ROBIN G. MCCREERY, BA'50, a daughter, March 8, 1963, in Vancouver.

MR. and MRS. TOBY MALKIN, BCom'56, (née MARY FRANCES CHOWN, BA'58), a daughter, Sarah Mary, June 30, 1962, in Vancouver.

MR. and MRS. JAMES F. MATTSON, BSc '62, (née JOYCE M. WHITEHEAD, BA '61), a daughter, Alexandra Joan, October 30, 1962, in Vancouver.

DR. and MRS. JACK D. NEWBY, BA'49, DDS(McGill), a son, Timothy Dean, December 24, 1962, in Prince George.

MR. and MRS. MATTHEW OBERHOFER, BA '56, BEd(Alta.), (née FLORENCE TUFF, BHE'53), a daughter, Elizabeth Ann, January 1, 1963, in Calgary, Alberta.

DR. and MRS. ANDREW RADVANYI, BA and MSc(McMaster), PhD'59, a daughter, Ilona Louise, July 20, 1962, in Edmonton, Alberta.

REV. and MRS. EWING RAE, BSA'54, (née LORNA SEED, BSN'60), a daughter, Kathleen Elizabeth, February 6, 1963, in Nakusp.

DR. and MRS. ARCHIBALD D. YOUNG, BA '47, MD,CM(McGill), a son, Ross Cameron, February 9, 1963, in Chilliwack.

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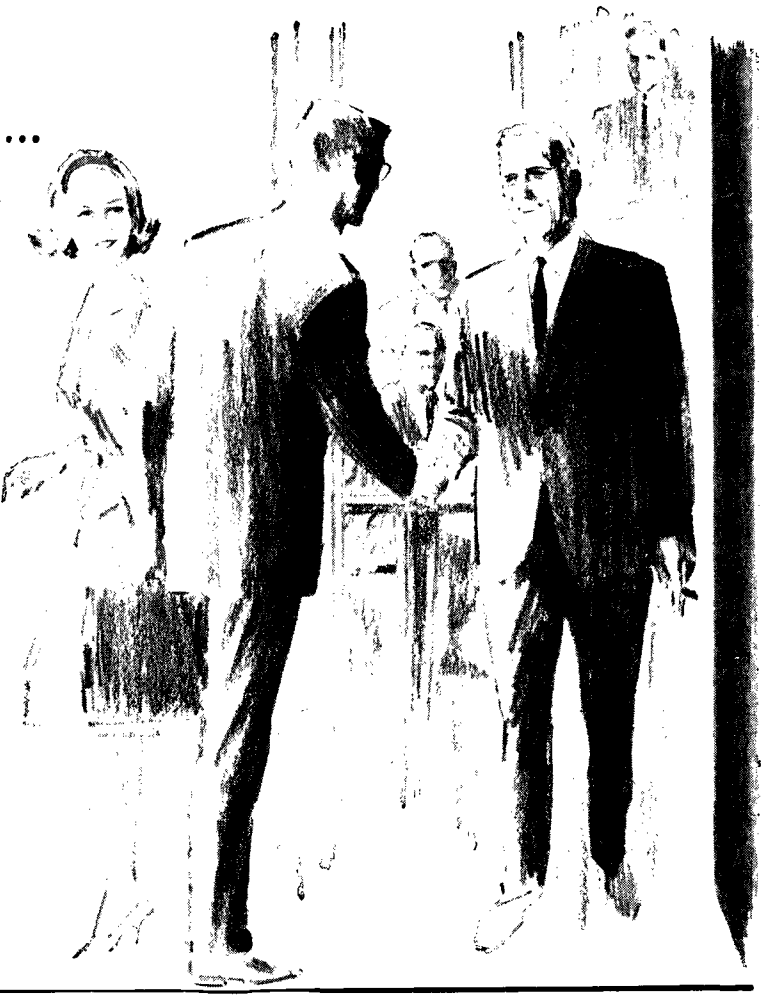

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Deaths

1916

Thomas J. Robertson, BA, died April 1, 1963, in Ladner, ten days after his retirement from the board of directors of the Fraser Valley Milk Producers' Association. He was 70. Born and educated in East Delta, he was a Delta municipal councillor for eight years, secretary of the FVMPA East Delta Local for eight years and chairman of the Delta Advisory Planning Commission at the time of his death. From 1944 to 1955 he was president of the Mutual Fire Insurance Company of B.C.

Mr. Robertson leaves his wife and son Thomas in Ladner, and another son, J. Keith Robertson, BSF'58, in Nakusp.

1918

Mrs. R. B. Spears, BA, née **Dorothea Bolton,** died suddenly October 4, 1962, in Vancouver. Born in 1897 at Port Simpson where her father was medical missionary to the Indians, Mrs. Spears had a lifelong interest in missionary work. She was secretary of B.C. Conference (United Church) committee on Indian work, and was specially concerned about members of the Musqueam reserve.

She is survived by her husband; a stepdaughter, Hazel, Mrs. R. F. Morrison, BA'43, of Rossland; and her daughter Heather, now Mrs. Leonard Goldenberg, BA'56, in Denmark.

1927

Mrs. Ralph M. Brown, BA, née **Madge Rankin,** died suddenly at home on May 6, 1963. She came to Vancouver as a child from England and was educated at Crofton House school. She was a leader in many civic and community projects and one-time president of the Vancouver Junior League.

At the 1927 class reunion last November, Madge Brown wrote the script and with Jack Shakespeare staged a skit on the "Roaring 20's".

Her husband, Ralph, BA'31, survives with four sons, Ralph R. Brown, BCom '59, Alan C. MacK. Brown, BASc'59, now at Oxford, Peter M. Brown, in his third year of arts at UBC, and Bobbie, at home.

1928

Wilfred George Donley, BA, PhD (Calif.), of Palo Alto, California, was killed instantly this spring when struck by a falling tree in Marin County, while clearing land for a summer home. He was 55. He is survived by his wife, a son, Peter, and two grandsons, all in California, and a sister, Mrs. D. C. Coates, in B.C.

Mr. Donley joined Standard Oil of California in 1943 after working for 10 years for the Federal Reserve Bank in San Francisco. In 1952, while on loan from Standard, he served as director of the programme division of the Petroleum Administration for Defense in Washington, D.C. He was manager of Standard's economic division at the time of his death.

1931

Robert Victor Masterson, BA, former Cowichan high school teacher, where he taught for 12 years, died January 21, 1963, in North Surrey. At the time of his death he was clerk of session and superintendent of the Sunday school in North Surrey United Church. Born in Ireland 58 years ago, he came to New Westminster at the age of 12. He is survived by his wife, two sons, and three daughters, all residing in North Surrey.

1933

Wilbert Brockhouse Smith, BASc, MASc'34, died in Ottawa on December 27, 1962, after a lengthy illness. He leaves a wife, two sons and a daughter, all of Ottawa.

Mr. Smith, who was superintendent of radio regulations engineering for the Department of Transport, was born in Lethbridge, and before going to Ottawa in 1939 was chief engineer with radio station CJOR in Vancouver. He is credited with doing much to encourage improvements in the technical side of broadcasting and was active in negotiations of various international radio and TV agreements. He was 52.

1953

Manly Morton Cohen, BCom, was killed in a Montreal car accident in March. Mr. Cohen, who was a gold medalist in accountancy in 1958, moved to Montreal two years ago and had been with a firm of chartered accountants there.

1956

Fay Herbert Hartman, BSF, was found dead with his pilot in the wreckage of their light plane in February. The plane had slammed into the side of a mountain 125 miles north of Burns Lake. They were on a caribou and moose counting trip for the Game Department. Mr. Hartman leaves a wife and one child. He was 31.

1962

Helena Marian Lethbridge, BEd, who had been teaching in Prince George, died in her sleep March 30, 1963. She attended schools in North Battleford, Saskatchewan. At UBC she won the first award of the Hon. W. C. Woodward memorial scholarship and successive B.C. government scholarships, graduating with honours last May.

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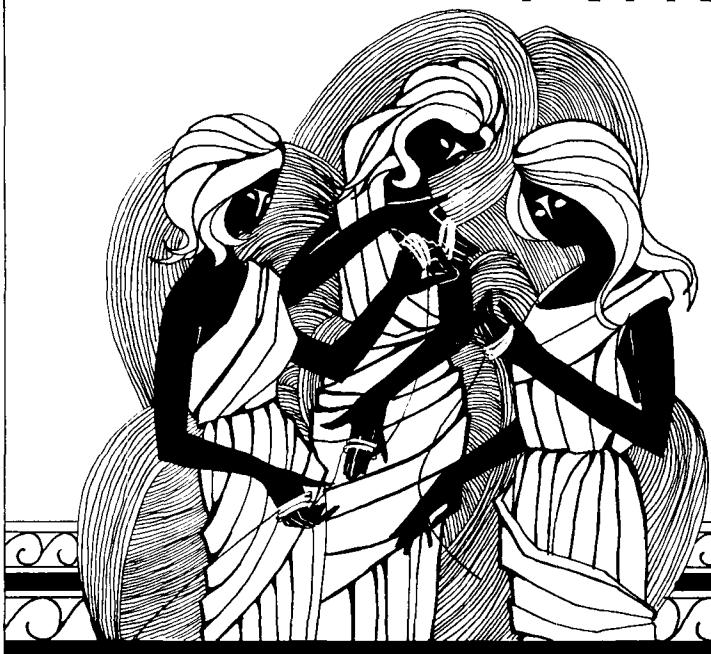

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