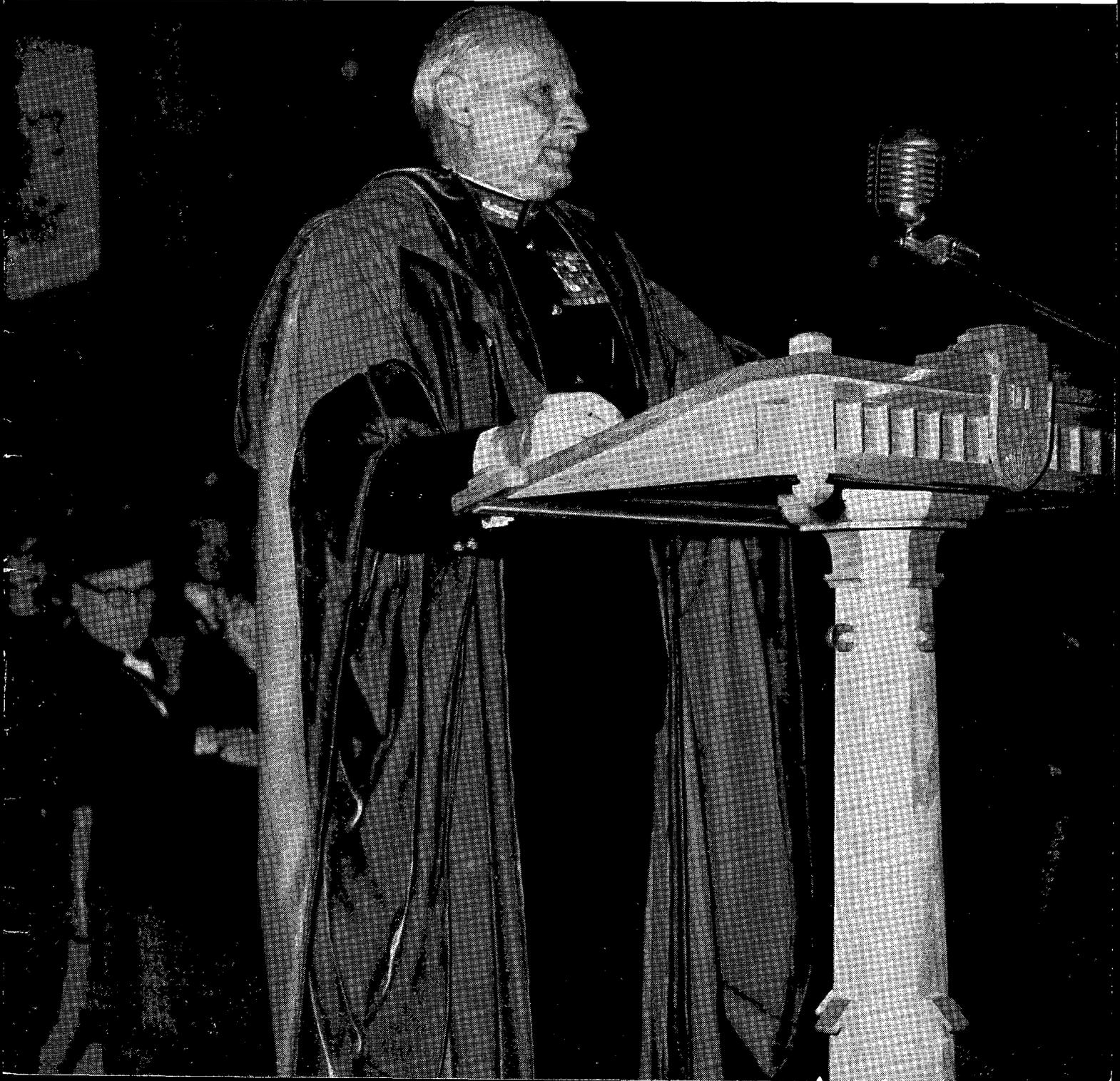


THE U.B.C. ALUMNI CHRONICLE

VOLUME 14, NO. 2

SUMMER, 1960





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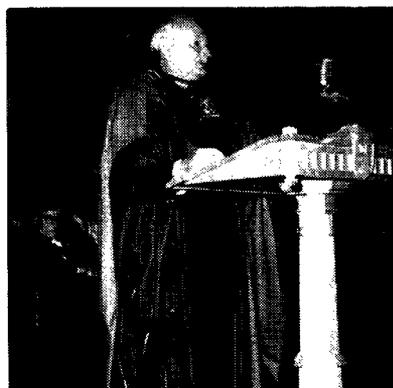
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SUMMER, 1960

COVER

Field Marshal Viscount Montgomery of Alamein is shown at the special congregation on May 9 where he received the honorary degree of doctor of laws before a crowd of 1500. In his address following the awarding of the degree he discussed leadership. More pictures on page 9. All photographs of the field marshal were taken by the photography division of the extension department.

U.B.C. ALUMNI CHRONICLE

Editor: James A. Banham, B.A.'51
Assistant Editor: Frances Tucker, B.A.'50

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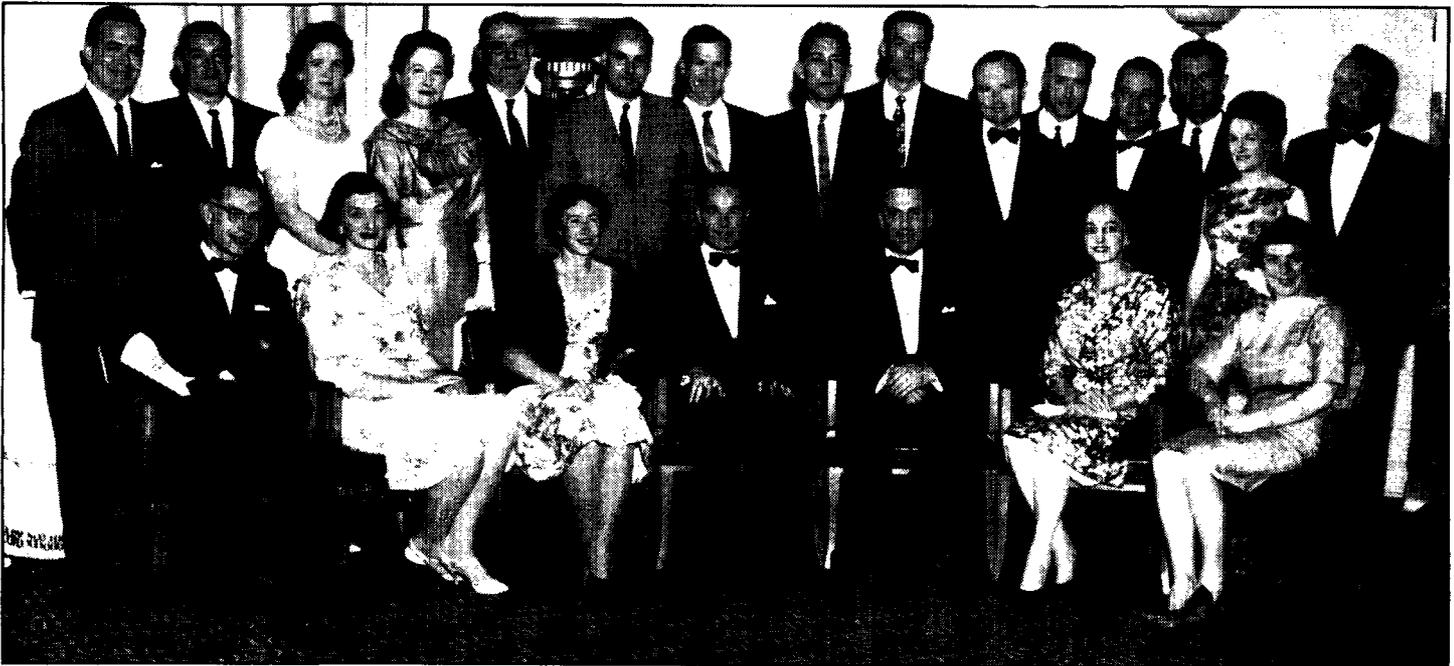
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ALUMNI ASSOCIATION



The 1960-61 board of management of the Alumni Association is shown in the picture above taken following the Association's annual general meeting in the Hotel Vancouver on May 19th. Front row, left to right, are: John Carson, first vice-president; Margaret Leighton, nursing; Mrs. Alex W. Fisher, second vice-president; Mark Collins, past president; Don Miller, president; Miss Rika Wright, member-at-large; Miss Anne Howorth, home economics. Standing, left to right, are: Ben Trevino, member-at-large; Al McEachern, law; Mrs. P. C. McLoughlin, member-at-large; Miss Vivian Vicary, arts; Paul Whitley, education; Kingsley Harris, forestry; Alex Rome, engineering; Doug Franklin, pharmacy; Joe Montgomery, science; W. C. Gibson, third vice-president; Fred Field, treasurer; Bob Purkis, medicine; Ken Weaver, commerce; Thelma M. Johnstone, assistant to the director; A. H. Sager, director. Not shown are: Paul S. Plant, member-at-large; Emerson Gennis, member-at-large; the Hon. James Sinclair, member-at-large; Nathan Nemetz, Q.C., Senate representative; Norman Hyland, Senate representative; Norman Hansen, agriculture; Clyde Rowett, architecture; Reid Mitchell, physical education.



One of U.B.C.'s newest graduates is Walter C. Koerner, left, who was presented with an honorary life membership in the Alumni Association at the May 19 general meeting. At right is Mark Collins, who made the presentation. Mr. Koerner was one of two people presented with honorary membership for their work during the development fund campaign and their continuing interest in the University. The other recipient was Alan Williamson, who was abroad at the time of the meeting.

HOLDS ANNUAL MEETING

Several hundred U.B.C. graduates turned out May 19 for the annual general meeting of the Alumni Association which was held for the first time in conjunction with the University's spring congregation ceremonies.

A highlight of the meeting in the banquet room of the Hotel Vancouver was the election of a new board of management to guide the affairs of the Association during the coming year. Donovan F. Miller, B.Com.'47, was elected president of the Association to succeed Mark Collins, B.A.'34, B.Com.'34 who will serve on the board as past president. (Names of all members of the board of management are listed on page 3).

In his report to the Association, retiring president Collins said that like the University, the Alumni Association during the past year has been growing, building and maturing. He continued: "Today there are some 27,000 Alumni of our University, of whom some 20,000 are still resident in British Columbia. As each year passes, most of these graduates attain positions of leadership and responsibility in business and the community. They are a potent, intelligent and educated force."

After recounting the work of the Association during the past year Mr. Collins concluded by listing seven ways in which the Association can best serve the University and the people of B.C. They are as follows:

1. Adequate buildings are being constructed for the present student population at U.B.C. We should direct our attention to building needs in the 1962-65 period when there will be a further explosion in student numbers.

2. Increased liaison between U.B.C. and provincial areas outside the lower mainland will benefit the growing population in the interior and the north. The Alumni Association should assist in providing this liaison.

3. Equalization grants provide a means of equalizing opportunity for all students in British Columbia. The Association should continue to press for the establishment by the provincial government of a system of such grants.



Trying out the presidential gavel after being installed as president of the Alumni Association for the coming year is Donovan Miller, right. At his shoulder is Mark Collins, now past president of the Association.

4. In education, further seminars and studies would help bring about improvements in the secondary school program to improve the competence of students entering U.B.C. Our education committee can serve an important function in sponsoring undertakings of this kind.

5. Reform of the University senate in its composition and functions could lead to fuller consideration of policy matters by this important body. The Association could assist in studying this matter.

6. The Alumni Association which comprises 20,000 educated citizens of the province can assist the University in the important area of government and public relations.

7. Alumni are trained, interested in education and willing to work for its improvement. The Alumni board should strive to use more and more of them each year for studies in the general field of education.

Following the installation of Mr. Miller as president the guest speaker of the evening, General A. G. L. McNaughton, chairman of the Canadian section of the International Joint Commission, was introduced by President N. A. M. MacKenzie.

In his address, General McNaughton recalled his earlier associations with U.B.C. and then went on to outline the work of the commission of which he is chairman.



Summerland high school girls beam as President MacKenzie answers their questions about U.B.C.

THE PRESIDENT'S TOUR—1960

A great many people are concerned about the future of higher education in B.C. This was confirmed by the interest in the president's talks during the tour of the interior from Kamloops to Penticton early in April.

How can the opportunities for higher education be increased most economically and without sacrifice of academic standards? Has the time come for decentralization? Do we need junior colleges?

These are some of the questions presently being asked by graduates and friends of U.B.C. Answers to them were given by Dr. MacKenzie in public addresses and informal talks at Kamloops, Vernon, Kelowna, Penticton and Summerland during this annual, alumni-sponsored tour.

Citizens of B.C. were asking somewhat similar questions almost ninety years ago, Dr. MacKenzie said. The establishment of a University was delayed for many years because no satisfactory answers could be found and because of disagreement about a site. Eventually, in 1910, the government appointed a commission of distinguished educators

from outside the Province to resolve this latter problem and shortly thereafter the University of B.C. came into being.

The President suggested that a royal commission might be the best means of securing sound answers to the present questions about the future of higher education in British Columbia. In advocating a royal commission Dr. MacKenzie was supporting an Alumni Association resolution presented to the government in February.

However, there should be no illusions about what was involved in the establishment of new institutions beyond the high school, the president cautioned. Communities would derive economic and cultural benefits from junior or community colleges, but all communities could not have such institutions. Higher education is extremely costly and decentralization will not mean less money but more. To ensure high standards a community must be well equipped with libraries and other cultural amenities and be able to attract and retain highly-qualified staff.

The president reviewed the history of U.B.C., its struggles for adequate revenue and facilities, and suggested that no provincial system of higher education could be a good one without a first-class university at the apex. The University of British Columbia is still short of money, buildings, facilities and courses needed by the province.

Dr. MacKenzie again advocated the appointment of a provincial board of governors or regents for the administration of all higher education, the allocation of government grants and assignment of areas of academic and professional education.

Alumni branches and local committees organized the 1960 tour and entertained the president and his party. Mrs. MacKenzie, J. L. Haar, J. A. Banham and A. H. Sager, at all centres. Thanks go to the following and through them to their committee members: Mr. Roland G. Aubrey, Kamloops branch; Mr. W. H. Raikes, Hon. Alum., Kelowna branch; Dr. E. M. Stevenson, University Council, Vernon; Dr. Hugh P. Barr, Penticton branch; Mrs. N. O. Solly, Summerland branch.

ALUMNAE AND ALUMNI

1922

A. Lionel Stevenson, B.A., B.Litt. (Oxon.), M.A.(Tor.), Ph.D.(Calif.), James B. Duke professor of English at Duke University in North Carolina, will be on sabbatical leave for the coming year, and has been granted a Guggenheim Fellowship for research in England. His eighth book, **The English Novel: A Panorama**, was published in April by the Houghton Mifflin Company.

C. Beecher Weld, B.A., M.A. '24, M.D. (Toronto), head of the physiology department, Dalhousie University, has been elected a fellow of the Royal Society of Canada.

1923

G. L. Landon, B.S.A., director of development and extension for the provincial department of agriculture, was organizer of the annual convention of the Canadian Council of 4-H Clubs who met in Victoria this spring.

1926

Bruce McCurrach, B.S.A., New Westminster feed dealer, speaking to the Agricultural Institute of Canada, stated that Lower Mainland fluid milk supplies are now roughly double market requirements. He also saw rising production potential with more and better cows on fewer acres.

1927

Charles M. Mottley, B.A., M.A., Ph.D.(Tor.), has joined Stanford Research Institute as senior scientist and chairman of the planning board. Dr. Mottley has published more than 40 scientific papers in the fields of statistics, biometrics, ecology, fisheries management, quality control and operations research.

Mrs. B. R. Tupper (nee Dorothy E. Brown, B.A.), presided over the B.C. Parent-Teacher Federation's annual convention in Penticton in April.

1929

Clarence (Chub) Arnott, B.A.Sc., B.C. Electric's superintendent of electric generating stations, retired in April. He joined the company as a surveyor 35 years ago.

C. S. Lord, B.A.Sc., M.A.Sc. '33, Ph.D. (M.I.T.), chief geologist of the Geological Survey of Canada, in 1952 organized the first helicopter-supported survey parties to continue the geological mapping of the country. In eight summers, at a fraction of the old cost, they have mapped one-sixth of the land-mass, mainly in the north. This amounts to nearly half the total area mapped in the previous 110 years.

1930

James Hadgkiss, B.A.Sc., managing director of Haney Brick and Tile Co., is a director of the Canadian Ceramic Society Western Section, and a past president of the Pacific Northwest Ceramic Association.

1931

Katharine Hockin, B.A., M.A., D.Ed. (Columbia), a widely-travelled United Church missionary, is on loan to the Student Christian Movement of Canada as travelling secretary visiting universities from coast to coast.

CANADA COUNCIL GRANTS

Pre-doctoral fellowships and awards for post-graduate studies:

William D. Burton, B.A. '58, to continue study at Kyoto University.

Ralph C. Croizier, B.A. '57, to study Chinese history at University of Washington.

James R. Gibson, B.A. '57, to study geography and history at University of Wisconsin.

John G. Hall, B.A. '57, to study classics at Harvard University or at University of California at Berkeley.

Marlene R. Hunt, B.A. '59, to study classics at U.B.C.

E. Bruce Hurt, B.A. '57, economics at London University.

James S. Nyman, B.A. '56, political science at Berkeley and London University.

Peter H. Pearce, B.S.F. '56, economics at Edinburgh University.

Grants to teachers:

John R. Beard, B.A. '52, to study provincial libraries in Canada.

John S. Church, B.A. '45, to complete his M.A. in history at U.B.C.

Mrs. Grace C. D'Arcy, B.A. '29, to study library science at Washington.

A. E. Dawe, B.A. '47, B.Ed '58, to study English at Washington.

John H. Redekop, B.A. '54, B.Ed. '58, to study history at Berkeley.

Special study grant:

Sydney Risk, B.A. '30, to study theatre in Europe, New Zealand and Australia.

Grants in aid of research:

R. M. Clark, B.Com. '41, B.A. '42, M.A., Ph.D.(Harvard), to study old-age security programming in the U.K.

James A. Gibson, B.A. '31, B.A., B.Litt., D.Phil., M.A.(Oxon.), to work on the papers of Sir Edmund Head in France.

W. Harry Hickman, B.A. '30, M.A. '38, D.de l'U.(Paris), for a year's study in Europe.

Victor G. Hopwood, B.A. '41, M.A., Ph.D.(Tor.), to work on the Literary History of Canada.

Malcolm F. McGregor, B.A. '30, M.A. '31, Ph.D.(Cincinnati), F.R.S.C., to go to England at the invitation of the University of London and others.

Mrs. W. E. Ricker (Marion T. Cardwell, B.A.Sc.), is the 1960 president of the B.C. School Trustees Association. Mrs. Ricker has been a school trustee in Nanaimo district since 1952 and in 1958 was its first woman chairman.

J. M. Rutherford, B.A., has been appointed general manager, life insurance division, of the Dominion of Canada General Insurance Co.

1932

The Rev. Sidney W. Semple, B.A., has been appointed the first full-time Protestant chaplain at the Ontario Hospital, St. Thomas, after completing advanced studies in clinical pastoral training at the University Hospital, Ann Arbor, Michigan, and Wayne County General Hospital, Detroit.

1933

Cecil Hacker, B.A., editor and publisher of the **Abbotsford News**, advocates a school tax based on either gross income or net profits of business, instead of on fixed capital assets.

Dr. Louis T. Rader, B.A.Sc., who was with the General Electric Co. in Waynesboro, Virginia, is now with the International Telephone & Telegraph Corp. in New York.

1934

Arthur H. Hall, B.A., LL.B. '48, who has been deputy registrar of companies for the provincial government, has been appointed registrar of companies. Mr. Hall is co-author, with Prof. Ralph Loffmark of the Faculty of Commerce, of the British Columbia Corporation Manual.

1936

Cedric A. Hornby, B.S.A., M.S.A. '40, Ph.D.(Cornell), U.B.C. plant scientist, is the new president of B.C. Institute of Agrolgists.

1937

Thomas E. Ladner, B.A., has been appointed to the Vancouver police commission. After taking his legal training at Osgoode Hall, he joined the navy in 1940, and was awarded the D.F.C. and bar and mentioned four times in dispatches. He was called to the B.C. bar in 1945.

Johnstone A. Weber, B.Com., of Weber Agencies Ltd., is the new president of the Edmonton chamber of commerce.

1938

T. R. Buckham, B.A.Sc., has joined the firm of Dolmage, Mason and Stewart Ltd. He is working on the new High-bury sewage tunnel deep under Point Grey.

Edward W. Disher, B.A., led the board of trade mission to the Orient this year, which visited Japan, Hong Kong and Formosa. They were refused permission to visit Communist China.

J. S. Kendrick, B.A.Sc., has resigned as general power and property manager at Kitimat for the Aluminum Co. of Canada to become vice-president of Sandwell and Company Ltd. in Vancouver.

W/C W. Bruce M. Millar, C.D., B.A., is administrative C.O. of the R.C.A.F. station, Winnipeg.

1939

Alfred R. Allen, B.A.Sc., M.A.Sc. '41, a Vancouver geologist, is in Thames, New Zealand, as resident manager for South Pacific Mines Ltd. The company was formed to re-work old New Zealand mining fields which had been high-graded and abandoned early in the century.

W. R. Bacon, B.A.Sc., M.A.Sc. '42, will spend most of the year in Australia in exploration work for the Texas Gulf Sulphur Company.

G. Noel Harrison, B.A., who was recently made manager of export lumber sales for Rayonier Canada Sales Limited, has now been appointed manager, lumber sales.

Mrs. W. David Latham (Dorothy Lindop Brown, B.A.), who, as Mrs. Lin Brown runs the Commonwealth Marriage Bureau here, was in Toronto recently on her way back from appearing on TV's "What's My Line?" to see about setting up a branch office there. Mrs. Latham has a social work diploma from U.B.C. besides her B.A.

Chester P. Lyons, B.A.Sc., officer in charge of special projects in B.C.'s department of recreation and conservation, was a speaker in this year's Audubon screen tours. In his talk, "The right to live," Mr. Lyons described how man, who is ever changing and destroying the soil's wealth and life-giving plants, holds the power of control over his own future and the lives of nature's creatures. Mr. Lyons, a graduate in forest engineering, has written many books on the flora of the province and has been a contributor to many newspapers and magazines. He designed and supervised the "Stops of interest" on B.C.'s highways, and is currently involved in the restoration of the pioneer gold mining town of Barkerville in the Cariboo.

Mrs. D. G. B. Mathias (Odetta Hicks, B.S.A., M.S.A. '41), representative in the Okanagan for John W. Fleury and Associates of Vancouver, was recently nominated Progressive Conservative candidate in the next provincial election for the riding of Similkameen.

R. Campbell Smith, B.Com., has been appointed director of the international trade relations branch of the federal trade department in Ottawa. He has been commercial counsellor for Canada in Paris.

1940

Charles Erickson Bennett, B.A.Sc., assistant district forester at Prince Rupert, has been transferred to the Prince George forest district.

H. M. Pogue, B.A.Sc., has been appointed head of the working plans division of the B.C. Forest Service.

Lester J. Pronger, B.A., M.A. '48, D.del'U.(Paris), Ph.D.(Harvard), has been appointed assistant professor of French at York University now being organized in Toronto.

1941

John J. A. Crowhurst, B.A.Sc., has been appointed general manager of Highland-Bell Ltd.



William A. Thornton-Trump, B.Ed.'60, of Oliver, B.C. is this year's winner of the two-year \$4,000 Japanese government scholarship. He was president of the East Asian Society on the campus. He has already left for Japan and enrolled in the Foreign Language Institute in Osaka.

Garth Griffiths, B.A.Sc., has been made director of administration and a member of the senior staff executive committee, B.C. Power Commission.

Mildred A. Twiss, B.A., has been appointed headmistress of Miss Lightbourn's School in Oakville, Ontario; following the retirement of Miss Lightbourn who established it in 1923. Miss Twiss has taught school in B.C. and for three years was principal of the Auckland House school for girls in Simla, India.

1942

Mrs. John A. March (Beryl Elizabeth Warrack, B.A.), who is a research associate in the department of poultry science, U.B.C., has been awarded a Royal Society and Nuffield Commonwealth bursary for advanced study at Cambridge University. Mrs. March will carry out further studies on the nutritive value of fish meals used in poultry feeding.

H. Keith Ralston, B.A., a teacher at Templeton secondary school for the past four years, has been appointed curator of the new Maritime Museum.

1943

William F. Blissett, B.A., M.A., Ph.D. (Tor.), who has been on the faculty of the University of Saskatchewan since 1950, has been appointed professor and head of the department of English at Huron College, London, Ontario.

E. Douglas Sutcliffe, B.A.Sc., general manager of Western Development & Power Ltd., has been made a director of Peace River Power Development Co. Ltd.

1944

Allison F. Mosher, B.A.Sc., formerly vice-president, sales, with Croname (Canada), has been appointed to establish the Ontario branch.

Victor L. Pinchin, B.S.A., has been named branch manager of industrial relations for the Winnipeg and Saskatchewan divisions of Canada Safeway, with his office in Winnipeg.

1945

Ralph D. Barer, B.A.Sc., was one of the Canadian delegates to the 3rd International Conference on Non-Destructive Testing held in Japan this March.

G. Arnold Johnson, B.Com., has been appointed general manager of the new general services division of the B.C. Electric.

1946

George Perris, B.A.Sc., M.A.Sc. '47, manager, nylon intermediates, at Maitland, Ontario, has been transferred to the Kingston works of Du Pont of Canada as technical manager.

1947

W. D. Gill, B.A.Sc., formerly superintendent of sub-stations, B.C. Electric, has been made superintendent of transmission and distribution maintenance.

Wesley H. Janzen, B.A., B.Ed. '50, of Queen Elizabeth high school, was elected by acclamation president of the B.C. Teachers' Federation at their annual conference.

Russell R. Keast, B.A., has been appointed marketing assistant, general chemicals sales division, Dow Chemical of Canada Ltd.

Gordon E. Latta, B.A., Ph.D.(Cal. Tech.), associate professor of mathematics at Stanford University, is the new Alumni Association contact in Stanford.

Stewart B. Peach, B.Com., has been appointed freight traffic manager, B.C. Electric.

John Charles Slingsby, B.A.Sc., has been appointed assistant general manager of the St. Thomas (Ontario) works of Canadian Allis-Chalmers. For the past seven years he has been manager of the Vancouver district sales office.

1948

Kenneth M. Aitchison, B.A., B.Ed. '51, M.Ed. '58, has been elected first vice-president of the B.C. Teachers' Federation.

Robert S. Harwood, B.Com., B.A. '50, has assumed new duties with the English company of Moffats Limited as marketing manager for the United Kingdom.

George A. Rheumer, B.A., assistant professor of geography at the University of Illinois, will be teaching summer school at Victoria College. His wife is the former **Joan Anita Richards, B.A. '46.**

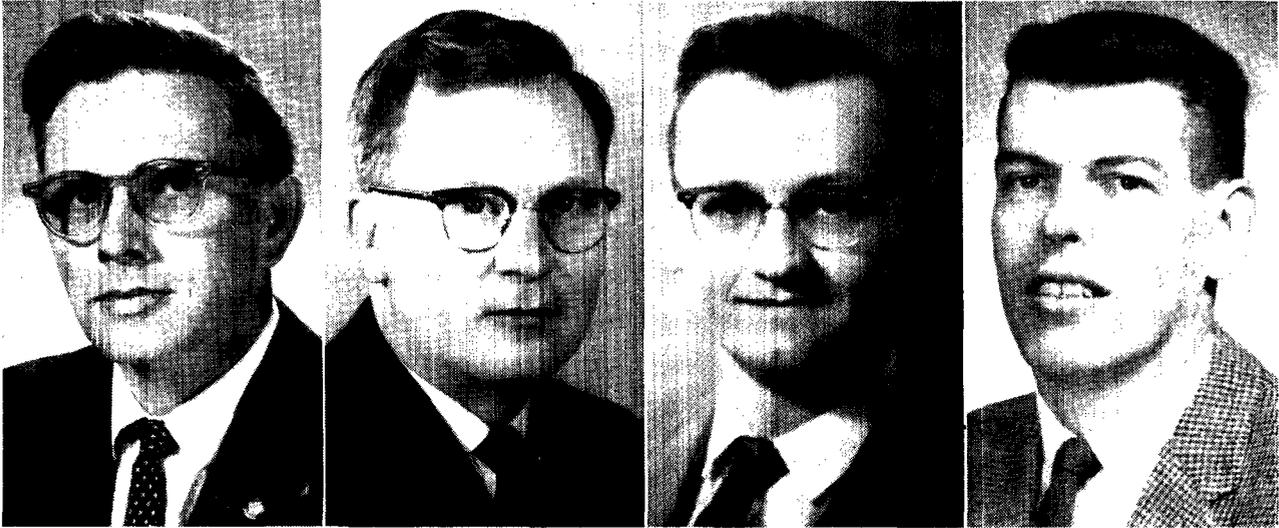
G. A. Richardson, B.Com., chief of the transportation and public utilities section of the Dominion Bureau of Statistics in Ottawa, has been appointed general secretary of the Railway Association of Canada.

1949

A. Les Bewley, LL.B., has been appointed deputy police magistrate for Vancouver.

Katherine Capes, B.A., M.A.(Tor.), a cataloguer at the National Museum during the winter, and an archaeologist during the summer, has been digging near Courtenay on Vancouver Island. A radio - carbon test dated the charcoal found from about 2500 B.C. This may prove that human life existed on Vancouver Island about 4500 years ago.

Alex C. Carlyle, B.A.Sc., who has been production superintendent at the Kingston nylon plant of Du Pont of Canada, has been appointed manager, services at their Maitland, Ontario, plant.



Four graduates of U.B.C. have won Shell merit fellowships to study latest developments in their fields at special seminars this summer. They are, from left to right, above T. Allen Harrison, B.A.'34, M.A.'42, chemistry and mathematics teacher at Delbrook senior high school in North Vancouver; Francis

Y. Cook, B.A.'37, M.A.'39, physics teacher at Gladstone high school, Vancouver; Henry E. Schellinck, B.A.'49, B.Ed.'58, chemistry teacher and vice-principal at Courtenay high school; Donald C. MacKinnon, B.A.'51, B.Ed.'56, mathematics and physics teacher at L. V. Rogers senior high school in Nelson.

Desmond P. H. Gorges, B.A., has formed a firm in London, England, called the Public Relations Unit.

Terence Hall, B.Com., has been promoted to assistant superintendent at Kenora for the C.P.R.

Dr. Ted Jansch, B.A., M.D.'54, and his wife, **Dr. Marjorie Jansch, B.A.'50, M.D.'54**, have taken up residence in Ganges, Salt Spring Island, and are practising medicine there. They were formerly at Tofino, on the west coast of Vancouver Island.

Arlene Nimmons, B.A., pianist, appeared in joint recital with Joseph Pach, violinist, before the Calgary Musical Club recently. Miss Nimmons, a graduate in philosophy, studied at the Royal Conservatory of Music in Toronto under Boris Roubakine, and has assisted him in the study of advanced technique and contemporary music in Vancouver, Toronto, Switzerland and most recently at the Banff School of Fine Arts.

Rees K. Powell, B.A., M.A.'51, with another university graduate has formed a company, Iroquois Industrial Chemicals Ltd., to manufacture industrial coatings in Cornwall, Ontario. Mr. Powell worked on industrial coatings for the National Research Council, and worked for C-I-L for eight years. The company has already set up a laboratory to carry on controlled research.

David T. Yard, B.A., B.S.W.'52, has been appointed the first full-time secretary by Burnaby Y.M.C.A. For the past three years he has been general secretary of the Kitimat "Y."

1950

William C. Flynn, B.S.P., has been appointed general sales manager for L. E. Waterman Pen Company Limited, after extensive experience in sales and sales management across Canada.

Alfred N. Gerein, B.A., M.D.'54, is this year a fellow in thoracic cardiovascular surgery and research at St. Luke's hospital, Cleveland, Ohio. He has just finished four years' resident training in

general surgery at Gray's hospital, Detroit.

C. Murray Hyde, LL.B., has been appointed deputy police magistrate for Burnaby, stipendiary magistrate for the province of B.C., and juvenile court judge for the municipality of Burnaby.

J. Merrill McDonald, B.S.W., M.S.W.'54, has been appointed to the counselling staff of the Edmonton Family Bureau. His wife is the former **Helen Claire Rees, B.S.W.'54**.

Cmdr. J. Fred McKenzie, C.D., B.A., commanding officer of H.M.C.S. "Tecomseh" at Calgary, has been installed as honorary aide-de-camp to the governor-general.

G. B. McLellan, B.A.Sc., has been appointed resident engineer at Kitimat by the Aluminum Company of Canada.

G. Mort Pettit, B.S.P., with a partner runs the Fort Pharmacy at Fort St. John, B.C.

Reginald H. Roy, B.A., M.A.'51, is chairman of the committee compiling the first complete list of alumni of Victoria College and the now defunct Normal School. The list is being made up for use in the building drive now under way for Victoria College, but it is hoped it will result in formation of the first Victoria College Alumni Association. The committee is asking parents or friends of graduates who have moved away to get in touch with the College fund drive office with the present addresses of alumni.

John Grenville Stout, B.A., has been appointed personal assistant to the president of Shell Oil Company of Canada, Limited. He was formerly division strategist in Edmonton.

1951

Norman L. Carlson, B.A.Sc., has been transferred from systems application engineering dept., Canadian General Electric Co. Ltd., Peterborough, Ontario to the General Electric Company computer department in Phoenix, Arizona, where he holds the position of systems engineer.

Gayle K. Honey, B.S.A., has joined the CBC farm and fisheries department as a program organizer. His background includes extensive experience in agricultural research and farm journalism.

L. Malcolm "Mac" Tetlock, B.A., insurance agent and manager of the Chilliwack Volvos hockey club, will run as CCF candidate in Chilliwack riding in the next provincial election.

Denis R. T. White, B.A., is now audit administrator with Canadian General Electric Co. Ltd., Toronto.

1953

Gordon Biely, B.A., M.D.'58, has been appointed resident doctor at Kings County hospital centre, Brooklyn, N.Y. He is specializing in psychology and expects to return to Vancouver in 1962-63.

F. E. Fernyhough, B.A.Sc., is with Crippen Wright Engineering Ltd., stationed in Squaw Rapids, Saskatchewan.

Peter Smith, B.A., M.A., Ph.D.(Yale), lecturer in classics at Carleton University, Ottawa, has been appointed assistant professor of classics at Victoria College. His wife is the former **Mary Jean Levirs, B.A.'57**.

1954

Charles B. M. (Peter) Bailey, B.S.A., M.S.A.'56, Ph.D.(Reading), has been appointed animal physiologist at the Canada department of agriculture research station, Lethbridge, Alberta.

Edwin B. Parker, B.A., has been appointed research assistant professor in the Institute of Communications Research and assistant professor of journalism at the University of Illinois in Urbana.

Denis C. Shalman, B.A., M.Sc.'57, is attending University of London and engaged on brain research at Guy's hospital, London, working towards a Ph.D. in neurology.

Patrick G. M. J. Bosley, B.A., M.R.C.S., L.R.C.P., has been accepted for post graduate medical research at Oxford (Exeter College). He will be representing the department of neurological research, U.B.C., at Hamburg this August in the European Conference on Microcirculation.

1955

Edward Bertram Bennett, B.A. M.A. '58, has been awarded a fellowship to continue his studies towards a Ph.D. degree at Johns Hopkins University in Baltimore, Maryland. An oceanographer, he will specialize at Johns Hopkins in mathematics.

Gordon L. Caldwell, B.A., M.A.(Sask.) '57, has been granted the degree of D.Phil. at Oxford. He was awarded a Shell Oil post-graduate scholarship for study in the United Kingdom, and for the past two years has been engaged in spectroscopic research.

Doreen I. Shalman, B.A., who has been an exchange teacher in Surrey, England, is returning to Vancouver in August.

Leonard W. H. Laine, B.A.(Western Ont.), M.Sc., former director of the Medicine Hat District Planning Commission, has been named to the National Capital Commission planning division. His degree here was in community and regional planning.

Patrick E. Peacock-Loukes, B.Arch., has been appointed to the school of architecture at Oregon State University in Corvallis, to teach mainly in the field of graphics.

1956

Gertrude D. Pentland, B.A., M.A. '59, after working with the Nature Conservancy, a government organization, in Scotland, is now in London working as an assistant to Dr. Levisohn, an authority on mycorrhiza, at Bedford College, part of the University of London. While with the Nature Conservancy, Miss Pentland was working on Scotch pine in Wester Ross, part of a study of ways to increase the regeneration of the woods in natural reserves.

George W. Seymour, B.Com., who is with the department of external affairs, is at present with the Canadian delegation, International Supervisory Commission, in Saigon, Vietnam.

R. D. Thomas, B.Com.(Tor.), M.B.A., has been appointed executive secretary and director of research for the Canadian Institute of Chartered Accountants. From 1951 to 1956 he was a member of the Faculty of Commerce and Business Administration here.

1957

Joseph Hinke, M.D., has been named as the University's first Markle Scholar. At present a research assistant at University College, London, Dr. Hinke has been appointed assistant professor of anatomy at U.B.C., and the award gives the medical school \$30,000 at the rate of \$6,000 a year for five years to support Dr. Hinke's teaching and research work. This year the John and Mary Markle Foundation appointed 25 scholars in all.

1959

R. S. Addison, B.A.Sc., is now in Rhodesia, engaged in geological field work for the Anglo-American Mining Company.

Barbara M. Biely, B.A., after travelling in Europe last summer, since January has been employed as research as-

sistant in criminology at the London School of Economics and Political Science.

Ralph R. Brown, B.Com., and his wife, the former **Judy Harker, B.A.,** have been travelling by car in Africa. They were both offered jobs in Cairo and in Khartoum (where they saw two U.B.C. couples), but continued their trip down the east coast and to Johannesburg. They were only 50 yards away from Prime Minister Verwoerd of South Africa at the meeting when he was shot and wounded. They plan to leave for Buenos Aires from Capetown May 31.

Margaret Mary L. Leeson, B.A., M.A. (Penna.) has won the Margaret McWilliams fellowship offered by Canadian Federation of University Women. She plans an original study at the University of Pennsylvania of Northwest Indians.

Rupert Errol Henri Papin, B.A., a popular teacher for the last two years at Barriere junior-senior high school, up the North Thompson River, is returning for further study at U.B.C.

Andras Radvanyi, B.A., M.Sc.(McMaster), Ph.D., has spent the last 18 months as resident biologist with the Canadian Wildlife Service stationed at Aklavik, N.W.T. He expects to be transferred soon to the Edmonton office and will be working in the foothills of the Rockies.

Wilfrid Donald Stewart, B.A.Sc., has entered the University of Western Ontario's school of business. He received his degree here in civil engineering.

BIRTHS

DR. and MRS. CHARLES B. M. BAILEY, B.S.A. '54, M.S.A. '56, Ph.D. (Reading), (nee MARY E. ELLISON, B.S.A. '57), a daughter, Monica Jane, March 31, 1960, in Lethbridge, Alberta.

THE REV. and MRS. KENNETH BARKER, B.A. '55, B.D.(Knox), a daughter, Colleen Evelyn, April 23, 1960, in Toronto.

MR. and MRS. ROBERT H. BRADY, B.Com. '55, (nee KATHLEEN JOHNSON, B.H.E. '54), a son, Patrick Robert, April 17, 1960, in North Vancouver.

DR. and MRS. JOHN B. BURR, B.A. '53, M.D. '57, (nee KATHARINE R. GOUDY, B.H.E. '55), a daughter, Alison Rose, January 25, 1960, in Oakland, California, U.S.A.

MR. and MRS. MARVIN A. CARPENTER, B.Com. '54, a son, Andrew Ward, April 12, 1960, in Vancouver.

MR. and MRS. IAN G. DESBRISAY, B.Com. '53, (nee JOYCE FOUNTAIN, B.A. '56), of Richmond, a son, March 11, 1960.

MR. and MRS. KILDARE DOBBS (nee MARY McALPINE, B.A. '48), a daughter, Sarah McAlpine, March 13, 1960, in Toronto, Ontario.

MR. and MRS. KENNETH V. ELLISON, B.S.A. '49, a son, David William Price, March 20, 1960, in Kelowna.

MR. and MRS. COLIN C. GOURLAY, B.Com. '47, (nee MARGARET ROSS, B. Com. '48), a daughter, Francine Elizabeth, March 20, 1960, in Vancouver.

MR. and MRS. PETER J. GREGORY, B.Com. '55, a daughter, Janet Katherine, March 14, 1960, in Vancouver.

LT.CMDR. and MRS. ANTHONY E. LEONARD (nee BARBARA SHAW, B.Com. '48), a daughter, Julie Suzanne, March 25, 1960, in Victoria.

MR. and MRS. EDWARD A. McALPINE, B.Com. '56, a son, Kenneth Robert, February 16, 1960, in Vancouver.

DR. and MRS. ANDREW RADVANYI, B.A., M.Sc.(McMaster), Ph.D. '59, a daughter, Kristine Elizabeth, October 25, 1959, in Aklavik, N.W.T.

F/L and MRS. WILLIAM H. WEEKES, B.A. '49, a son, Richard William, February 7, 1960, in Winnipeg, Manitoba.

MR. and MRS. K. H. (PETER) WILKINSON, B.Com. '52, a daughter, Alexandra (Andrea) Marie, March 31, 1960, in Vancouver.

MARRIAGES

BALLENTINE - CHAPMAN. William Richard Ballentine, B.A. '59, to Judith Anne Chapman, in Vancouver.

BOSLEY-MOORE. Dr. Patrick G. M. J. Bosley, B.A. '55, M.R.C.S., L.R.C.P., to Jean O. Moore, in England.

BOYD-CARNEY. Arthur Boyd, B.Arch. '60, to Norah Carney, in Abbotsford.

BROWER-MILLS. Stuart Ronald Brower, B.Com. '50, to Annette Barbara Mills, B.A. '56, in Trail.

CARLEY-MASUHARA. Cameron Morris Carley, B.A.Sc. '55, to Emiko Masuhara, in Vancouver.

CASSADY-PIPES. George Perrin Cassidy, B.A. '54, LL.B. '55, to Marilyn E. Pipes, B.A. '56, in Vancouver.

CHESTNUTT-SANGSTER. John Alexander Chestnutt, B.A. '52, to Maureen W. Sangster, B.H.E. '53, in Menlo Park, California, U.S.A.

CORBISHLEY-SUTHERLAND. Douglas Arnold Corbishley, B.A.Sc. '59, to Isabelle Diane Sutherland, in Vancouver.

DALGLEISH-BROWN. Peter Oakley Dalgleish to Joyce Marion Brown, B.A. '57.

EVANS - MARTIN. Richard Howell Evans, B.S.A. '59, to Lois Patricia Martin, B.H.E. '58, in Vancouver.

FARRELL-CREELMAN. Leigh Farrell, B.Ed. '59, to Amaryllis Diane Creelman, in Cloverdale.

GARDNER - MUNRO. Lawrence J. Gardner to Elspeth Munro, B.A. '42, in Vancouver.

HAMILTON-McLAREN. John Francis Hamilton, B.Com. '55, to Grace Wilson McLaren, in Vancouver.

LAWRENCE - WEST. James Wallace Lawrence, LL.B. '53, to Sally West, in Vancouver.

LINDSAY-CHIGA. Russell MacLeod Lindsay, B.A.Sc. '59, to Carole Ann

Chiga, in Bellingham, Washington, U.S.A.

LOCKEY-LABRON. Bruce James Lockey, B.A. '57, M.B.A.(Calif.), to Myrna Louise Labron, in Vancouver.

McCROSSAN-HOWELL. Jack Anthony McCrossan, B.Com. '51, LL.B. '59, to Margaret Elizabeth Howell, in Vancouver.

MacKINNON-KENNEDY. Evan Douglas MacKinnon to Patricia Dawn Kennedy, B.S.A. '58, in Vancouver.

MARSHALL-VEDSOE. Francis Joseph Marshall, to Anna Ingeborg Vedsoe, B.H.E. '59, in Vancouver.

PYPER-WATSON. Gerald A. Pyper, B.Com. '59, to Marilyn Cecelia Wheelock Watson, in Vancouver.

RAWSON-HUDSON. Donald A. Rawson, B.A.Sc. '57, to Ruth Hudson, in Toronto, Ontario.

ROBINSON-ALTWASSER. Ralph Edwin Robinson to Lynda Mae Altwasser, B.H.E. '58, in Toronto, Ontario.

SHALMAN-PENNEY. Denis Clarence Shalman, B.A. '54, M.Sc. '57, to Celia Margaret Penney, in Weymouth, England.

SOSKIN-GREENBERG. Dr. Richard Malcolm Soskin to Deborah Greenberg, B.A. '58, B.S.W. '59, in San Francisco, California, U.S.A.

VRANA-PINSKY. Joseph C. Vrana, B.Com. '59, to Mary Bernice Pinsky, B.H.E. '52, in Vancouver.

WERRY-CASSADY. Jeffrey George Werry to Elizabeth Anne Cassady, B.A. '56, in New Westminster.

WICKSON-PALMER. Malcolm Campbell John Wickson, B.Com. '55, LL.B. '56, to Gail Elizabeth Palmer, in Vancouver.

WOOD-MICHAELSEN. G. Wallace Wood, B.Com. '59, to Ursula Michaelson, in Vancouver.

YOUNG-ENGLISH. Joseph Aurele (John) Young, B.Com. '49, to Olivia Dale English, in Singapore.

DEATHS

Thorleif Larsen, M.A.(Toronto), B.A. (Oxon.), F.R.S.C., professor emeritus of English, died March 22, 1960, at the age of 72.

Born in Sponviken, Norway, he came to Canada at the age of two with his parents who settled in New Westminster. After receiving his master's degree from the University of Toronto at the age of 19, he went to Oxford as Rhodes Scholar for B.C., where in 1909 he was awarded the degree of bachelor of arts with first class honours in English language and literature. Upon his return he taught English at Victoria high school briefly. In 1915 he was called to the B.C. bar and practised law until 1917 when he enlisted and served overseas with the Canadian army. He joined the U.B.C. faculty in 1919 and lectured in the English department, except for two visits to Oxford for post-graduate studies, until 1958. For the last five years after his retirement in 1953, he remained as special lecturer.

Professor Larsen is survived by his wife, Irene, 1235 West 27th Avenue; three sons, John H. R. and M. Patrick of Vancouver, and Edward of Shawnigan; a daughter, Mary Jeanne (Molly) of Victoria, and ten grandchildren.

Mr. Larsen has left the memory of excellence in the minds of his students. One of them, Dr. William Robbins, has said his death "will bring a sharp sense of loss to the generations of former students who share an affectionate memory of the living teacher and a deep indebtedness to the thorough scholar. For he revealed in himself, and cultivated in his students, a fine appreciation of literature as a source of emotional and imaginative experience, together with a scrupulous respect for exactness of knowledge and integrity of statement.

"Those who followed his path and became his colleagues found inspiration for their own careers . . . in his lectures on poetry, on tragedy, on Elizabethan literature. Those many more whose later life and work have been in other fields than scholarly study gained, from lectures on literature in general, insights which have illuminated their reading and their experience.

"He was a modest man with a gentle humour, a friendly warmth, an unobtrusive excellence. Deeply religious, he could sympathize with those of honestly different views. Uncompromising in standards, he never expected the impossible from those to whom he gave unsparingly of his perceptive encouragement. Wisdom and goodness were the qualities of his inner being. As such, they have been a continuing and leavening influence in the lives of all those who knew him."

An editorial in the *Victoria Times* said of him: "He was a teacher in the finest sense of the word; a man who knew his craft, understood it, respected it, and was endowed with a peculiar genius for transmitting his knowledge to undergraduates.

"Tu-ly" as he was affectionately known, was one of the authentic builders of U.B.C.; one of that hardy band who survived the poverty-stricken depression years and lived to see it become one of the most vigorous and yeasty halls of learning on the continent. He brought to it the priceless gifts of erudition and that well-balanced intellect which discriminates between the meretricious and the first-rate. These are things which create character in a university, and remain an enduring legacy."

A scholarship in memory of Professor Larsen will be established at the University of British Columbia. The scholarship will be awarded to an outstanding student in English. It is hoped that there will be sufficient contributions to endow a continuing scholarship. Contributions should be sent to the University of B.C. accounting office, with cheques made out to the "University of B.C.—Thorleif Larsen Scholarship Fund."

Alfred Haines, known to faculty and students as the University mailman, died April 8, 1960, in Vancouver. He is survived by his wife and daughter. Born

in England, Mr. Haines joined the University staff in 1942 and since 1951 had made his daily rounds delivering the campus mail. He will be remembered by all who knew him for his loyalty and devotion to his work.

1922

W. Albert B. Bickell, B.A.Sc., M.Sc. (McGill), died in Vancouver August 30, 1959. He was registered as a professional engineer in 1924, while engaged in work for Coast Quarries Co. Ltd., and in 1933 served as a member of the council of the Association of Professional Engineers. Mrs. Harry Lord (Gertrude Bickell, B.A. '23) is a sister.

1924

T. Howard Goodwin, B.A., died at his home in West Vancouver early in April of this year, at the age of 57. President of Goodwin-Ellis Advertising Ltd., he was one of the small group of founders of the Community Arts Council of Vancouver. He leaves his wife and three sons, two at U.B.C., Barry, and John, who was first member at large on the 1959/60 Student's Council.

1925

Malcolm McDonald, B.A.Sc., died in Sao Paulo, Brazil, January 30, 1960. He had lived in South America since the mid-20's and was deputy manager of Brazilian Traction Company when he died. Mr. McDonald is survived by his wife and two sons, in Vancouver.

1946

Frank Selby "Van" Perry, B.A., died April 11, 1960, of a heart attack while conducting a safety discussion with a logging crew at Franklin River, Vancouver Island. He was 42.

Following war service and graduation from U.B.C., he served as the University information officer for a short time. After newspaper work on the *Province* staff and as editor of the *B.C. Lumberman*, four years ago he joined the B.C. Lumber Manufacturers' Association where he played an important role in the promotion of safety within the lumber industry. Mr. Perry is survived by his wife, two sons and a daughter.

1947

Robert M. Filberg, B.Com., who had been in ill-health for the last year, died April 5, 1960, at his home at Nob Hill, Courtenay, Vancouver Island. He is survived by his father, and by a sister living in Vancouver. He was 33.

1953

Annie Elizabeth Smillie, B.A., B.L.S. (Wash.), librarian at Lord Byng high school, died of a heart attack March 23, 1960, at the age of 45. After long experience as teacher and librarian, she procured her degree and diploma, and was active in a number of organizations. She is survived by her parents in Vancouver, two brothers and two sisters.

1956

Joseph Daniel Francis, B.A., was drowned in Cowichan River on Vancouver Island, April 18, 1960. Mr. Francis, who was a technical officer with the Canadian government, is survived by his wife, the former Christine Cook, B.A. '55, in Victoria. He was 24.



The proud professor in the picture above is Everton Alexander Lloyd, former head of U.B.C.'s department of poultry husbandry. The object of his pride is "U.B.C. White Leghorn No. 6", the hen that made history in 1927 by laying 351 eggs in 365 days—at that time a world's record. Prof. Lloyd began the breeding program which culminated in the record in 1919 when he arrived at U.B.C. to teach World War I veterans. More than 40 years later, in 1952, Prof. Lloyd retired from active work at U.B.C. and at a farewell party he was presented with a new car by his colleagues as a token of their esteem. He is shown above, in the picture second from left, behind the wheel with Mrs. Lloyd seated beside him. The photograph at top right is a formal portrait of Professor Lloyd taken by D'Arcy. "The Prof", as Lloyd is known to thousands of students and colleagues, is still active in the poultry world in California where he now lives.

Professor Jacob Biely, the author of the accompanying article on the Prof, writes from personal experience. He was a pupil of Lloyd's in the days when students took buses from the Fairview shacks to the campus to carry out practical work on the U.B.C. farm. Prof. Biely also worked for many years with Lloyd as a teaching and research colleague. Prof. Biely is now head of the department of poultry husbandry. Some of the material in the article has appeared in the 1959 edition of "Who's Who in the Poultry Industry."



By JACOB BIELY

In 1927 a hen bearing the prosaic name "U.B.C. White Leghorn No. 6" made history and became the talk of the poultry world by laying a record 351 eggs in 365 days in a government-supervised egg-laying contest at Agassiz. An American breeder offered \$1000 for hen No. 6 but the then president of U.B.C., Dr. L. S. Klinck, vetoed the sale and the prolific bird stayed in Canada. Sons of No. 6 sold for \$500 each and her progeny has found its way to many foreign lands.

Of those who had a hand in the breeding of hen No. 6 none was prouder of her accomplishment than Professor Everton Alexander Lloyd, who joined the faculty in 1919 to assist in the teaching of World War I veterans and retired in 1952 as head of the department of poultry husbandry.

COLORFUL FIGURE

In U.B.C.'s short history there are few more colorful and versatile figures than the "Prof"—the name by which Lloyd is known to students and poultry breeders. For in addition to his main interest the Prof was an avid sportsman, a devotee of the theatre, and a student of politics.

The Point Grey campus of 1919 was a curious place. The skeletons of the library and the chemistry building had been weathering in the wind and rain since 1914 when the government halted construction of permanent buildings on the outbreak of the first world war. The University farm existed on its present site and agriculture students travelled from the Fairview shacks to Point Grey to supplement lectures with laboratory work on the U.B.C. farm. In the enclosed basement of the skeletal chemistry building the poultry husbandry department set up its first incubators and began the breeding program which culminated in the accomplishment of hen No. 6 almost ten

years later. Associated with Lloyd in the poultry breeding program was Dr. V. S. Asmundson, who, like Lloyd, was a graduate of the University of Saskatchewan.

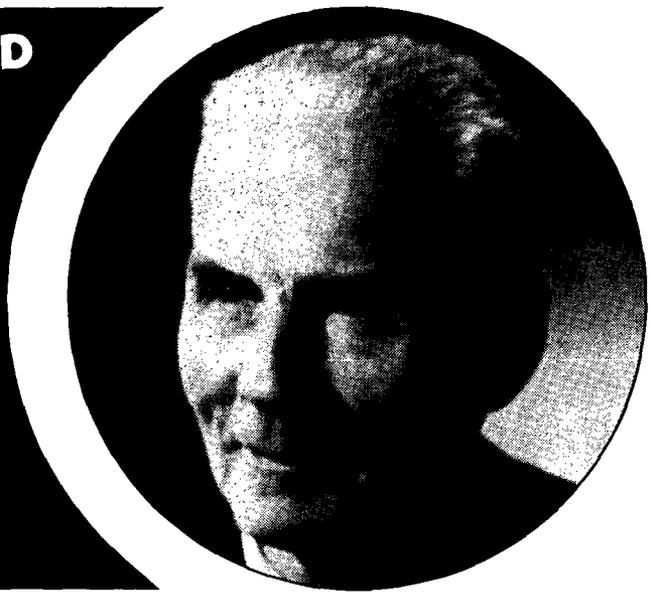
Lloyd quickly gained a reputation as an inspiring and enthusiastic lecturer. He supplemented his vast store of knowledge with the voracious reading of scientific journals and poultry magazines from all over the world. When dealing with his subject the Prof was colorful and precise in his language. His phenomenal memory never allowed him to forget a detail.

These qualities contrasted sharply with occasional absentmindedness. The writer remembers one occasion when a good friend of the department was invited by the Prof to have lunch on the campus. Lloyd became so engrossed in conversation with the visitor that he forgot lunch and asked his guest to have a cup of coffee instead. The guest paid for the coffee and the Prof pocketed the silver change.

As with all good teachers Lloyd had a marked influence on his students and many would never have become interested in poultry had it not been for the personal contacts which engendered a spirit of inquiry and a desire for serious study. In at least one case known to the writer the Prof's influence began early. One year, while judging poultry at the Chilliwack Fair, he was followed closely by a young girl who was intensely interested in every bird he handled. They struck up a conversation and the Prof told her, "When you leave school, Ursula, be sure and take an agricultural course at U.B.C. and specialize in poultry."

Ursula Knight, much to the surprise of her parents, followed Lloyd's advice, and after graduation from U.B.C., went to California where she obtained her Ph.D. in genetics. Former pupils of Lloyd's are now associated with many universities in Canada and the United States and not a few of them have risen high in govern-

THE PROF



ment circles. One should mention Clifford Barry, recently appointed deputy minister of agriculture in the federal government; Dr. Michael Lerner, professor of genetics at the University of California and author of three books, and Lyall Currie, president of the Surrey Cooperative Association in Cloverdale.

NIGHT CLASSES

In addition to courses in the fields of genetics, incubation, nutrition, farm management and marketing, the Prof, in collaboration with other members of his staff, was responsible for many short courses and night classes as well as numerous lectures delivered in all parts of the province. During World War II night classes in poultry husbandry attracted more than 100 men and women from Vancouver and district and two large classes of commercial poultrymen received instruction at Cloverdale. It was on one of the many field trips made to poultry farms in the Fraser Valley that the Prof displayed his humanitarian instincts. He invariably treated the students who accompanied him on these trips to coffee and sandwiches and one day, at Whalley, he noticed a stray dog that looked very hungry. Without a moment's hesitation Lloyd bought some meat at a local butcher store and fed it to the animal. On another occasion the pathology laboratory at U.B.C. was taxed with a large number of sick birds for post-mortem examination. The Prof, feeling sorry for the ailing chickens, bought a pint of milk and fed it to them, even though they were to be destroyed within a few hours.

Radio talks on poultry husbandry were broadcast in B.C. as early as 1927 and some were published in pamphlet form by the agriculture division of the B.C. Electric. Talks and pamphlets resulted in a large correspondence and in every instance the Prof sent a prompt reply to the writer.

From its very beginning the department of poultry husbandry undertook an active program of research. In the 20s no one foresaw the part the lowly hen, then the source of pin money for the farmer's wife, would ultimately play in the agricultural economy of the world.

Some of the questions facing poultry scientists at that time were the potential productivity of the hen—was it 100, 200, or 300 eggs per year?—proper breeding and feeding, the economics of egg production and the elements of good management.

The department undertook to find an answer to many of these problems. The most successful contribution made by Prof. Lloyd and Dr. Amundson was in the field of poultry breeding. Four breeds were established on the U.B.C. farm, single-comb White Leghorns, Barred Plymouth Rocks, Rhode Island Reds and White Wyandottes. Breeding for egg production and size began in 1919 and culminated in the world record of hen No. 6.

Two other breeds, Black Orpingtons and Light Sussex, were eventually added to the flock at the University farm. During the 1930s New Hampshires were introduced and soon gained a prominent place in the U.B.C. breeding program.

Early in his career the Prof became interested in autosexing, a breeding technique developed by Dr. R. C. Punnett of Cambridge to determine the sex of chicks at hatching time. The stock which Dr. Punnett used in his experiments were comparatively poor egg producers and in order to improve production he secured a pen of Barred Rocks from the U.B.C. department. With these as foundation stock Dr. Punnett developed the famous Cambar and later presented, as a mark of gratitude, a male and two females to

U.B.C. Prof. Lloyd used them as a nucleus to establish the Cambar at U.B.C. and later developed the Hampbar and the Legbar as high egg-producing autosexing birds.

LONG INTRODUCTION

It was due to the Prof's efforts that the Japanese method of chick sexing was introduced to this continent. One of his students was later to introduce the method in Great Britain. Prof. Lloyd translated a Japanese book on this method into English with the aid of a Japanese student whose English was very limited and two students who specialized in poultry husbandry. Characteristically, the introduction which the Prof wrote for the book was longer than the Japanese text.

The Record of Performance breeding program initiated by the Dominion department of agriculture found its most loyal supporter in Prof. Lloyd and in the minds of many he was "Mr. R.O.P." He served for years as secretary of the British Columbia R.O.P. Association and through his efforts R.O.P.-bred stock was exported to foreign countries to serve as foundation stock. As a by-product of this program hundreds of breeding cockerels were sold at reasonable prices to poultrymen in B.C. and elsewhere to improve stock. It was not unusual for the Prof to arrange transportation of hatching eggs from the U.B.C. flock or from some prominent local breeder to Great Britain, or of breeding stock to Palestine, Japan and other remote countries.

To publicize B.C. stock Lloyd wrote numerous articles for Canadian, American and English journals. His articles were in such demand that between 1925 and 1935 he received as much as ten cents a word for contributions to the **Reliable Poultry Journal** and other publications.

Canada was the first country in the world to introduce a compulsory grading system for the sale of commercial eggs, and to have this same grading program adopted from the Atlantic to the Pacific. Canadian eggs immediately gained an enviable reputation in interprovincial and foreign markets. Working in close cooperation with government officials in Canada, Great Britain, and the B.C. Produce Association, Prof. Lloyd did everything possible to promote the export of eggs to Great Britain via the Panama Canal. As a spokesman and public relations man for the poultry industry the Prof was at his best. He was one of the prime organizers of the third World Poultry Congress in Ottawa in 1927 and the exhibit from representative B.C. breeders was admired by the Prince of Wales, Stanley Baldwin, the prime minister of Great Britain and MacKenzie King. Many prominent delegates from foreign countries visited B.C. and were officially escorted by the Prof.

Prof. Lloyd also attended the fifth World's Poultry Congress in London in 1930 and sent to local newspapers a number of colorful and vivid despatches. He played an important part in arranging the display of Canadian poultry and eggs at this conference and as a result of the contacts which he made in Great Britain the sale of B.C. eggs was greatly increased and because of their high quality were as much in demand as those imported from Denmark and Ireland. In September, 1939, with the writer, the Prof took part in the World's Poultry Congress in Cleveland. The sudden outbreak of war caused many of the overseas delegates to hasten their departure.

DARING AND IMAGINATIVE

During the Second World War, B.C. production and marketing had to be geared to meet the ever-increasing demand of Great Britain for eggs and poultry. Poultry farms operated to capacity, and most of the daily routine work was performed by women and children in their 'teens. Prof. Lloyd once again came forward with his enthusiasm, his knowledge and experience, to arouse interest and stimulate production; he gave ungrudgingly of his time to lectures and demonstrations, and he attended meeting after meeting of the Poultry Industries Council and the Poultry Produce Association. He also participated in several national conferences in Ottawa. His reports on the various national meetings were always given in such detail that one could not help wondering how he could remember, without hesitation, who had said what. Needless to say, Prof. Lloyd was not always in agreement with the decisions reached at the conferences. He was usually one step ahead of everyone else, and had the reputation of being more daring

and imaginative than the others. In retrospect, one can say that as a rule he was more often right than wrong.

Physically the Prof was the embodiment of energy and vigour. Short and wiry he possessed enormous endurance and his day normally lasted from 6 a.m. to well after midnight. His hours were crammed with lectures, administrative duties, daily inspections of the U.B.C. poultry farm, visits to poultry flocks in the Fraser valley, writing scores of letters every day, and, above all, reading, reading, reading.

Despite this regime the Prof was fond of numerous coffee breaks but used this period of relaxation for discussions and arguments on every conceivable topic. He had a mobile and expressive face with blue eyes and an enviable crop of thick, grey hair. His face and expression reflected a man of intellect, knowledge and great human understanding.

Scholar, lecturer and writer! These are the titles that come to mind when one thinks of Prof. Lloyd. But there are others, too, which bring fond memories to those who had the privilege of working with such a versatile man. The Prof was an athlete. Unlike most of us, he was not only an enthusiastic spectator but an active participant as well. His tennis was excellent and graduate as well as undergraduate students received more than one drubbing at his hands. He played soccer on the faculty team against the Students' Council, and he never missed a university athletic event; he was even known to attend regularly the annual high school sports day in the Brockton Oval and at the University stadium.

The attraction that athletics hold for a man whose life is devoted to science is understandable. But it is rather unusual for a scientist to turn to the Thespian art in search of relaxation. However, that was another of Prof. Lloyd's hobbies. For several years he was active in the University Players' Club and directed several plays. Prof. Lloyd and Mrs. Lloyd together with their youngsters Bob and Pat were excellent hosts. A free and easy atmosphere prevailed at their evening parties. There was always music for dancing, homemade beer and fruit punch to quench the thirst, and sandwiches and cakes to please any gourmet.

The Prof's foremost avocation was politics, both international and domestic. As far as the writer can remember, the Prof was nearly always against the government in power. He envisioned a government made up of the best men from all parties, so he voted for the man rather than the party, and during the depression and the war years he openly favoured a coalition government for Canada. He was a great admirer of Churchill and his letters to the great wartime leader were the

subject of prolonged and lively discussions by members of the faculty. He also corresponded extensively with the then minister of agriculture, Mr. J. G. Gardiner, and with Mr. A. M. Shaw, the chairman of the price support board. The Prof continually prodded the department of agriculture into adopting more progressive measures.

During his last years of tenure at U.B.C. Prof. Lloyd became engaged in the controversy that arose in connection with Newcastle's disease. The then veterinary-general felt that on the basis of past experiments with larger animals, the disease could be eradicated from B.C. flocks by the slaughter method. The Prof was extremely skeptical of such a dire remedy. He became the most forceful advocate of vaccination and was involved in lively arguments time and time again. He, more than anybody else, was instrumental in securing a fair compensation for the birds which were slaughtered. Finally, the dominion government relaxed its regulations, and vaccination was accepted as a legal procedure not only in British Columbia, but in the other Canadian provinces.

Strange as it may seem, the Prof never had a watch with him, yet he was never known to miss a lecture. However, he was often late for faculty meetings and particularly for meetings of the heads of departments. His tardiness was excusable, since he was always busy either lecturing, dictating letters, or waiting for long distance telephone calls. At times some of us thought the late arrivals were deliberate on his part.

LOST FOR WORDS

Upon his retirement, as a mark of the esteem in which Prof. Lloyd was held over a period of 41 years, he was honored at a farewell party by his colleagues, former students, dominion and provincial government officials and leaders of the industry. Those of us who were privileged to participate in the event will never forget the Prof's expression of surprise when the late Harry Bowman, minister of agriculture, presented Prof. Lloyd with the keys to a 1952 Pontiac sedan as a gift from his admirers. For once the Prof was at a loss for words!

The Prof's career did not end with his retirement from U.B.C. He is still active in the poultry industry in California and during March submitted a most comprehensive memorandum on agricultural policy to the vice-president of the United States, Richard Nixon. His contribution to American agriculture in the eight years that he has resided in California may be no less than that during his years of service to agriculture in Canada. In any case he remains as much of a visionary today as he was in 1919 when he first joined the faculty of the University of British Columbia.

LET US NOT FAIL TO DO OUR PART

By HUGH L. KEENLEYSIDE

. . . For the past ten years I have been engaged in helping to develop and administer programs of **Aid not Trade**. Of course as you all know the technical assistance activities of the United Nations and the Colombo Plan and Point Four are not relief programs and are in fact designed—among other things—to help the less advanced countries to develop their trading potentials . . .

. . . I could have contented myself by quoting the authorities to show how important trade is as an aspect of our life. Adam Smith the founder of political economy (may his punishment never end) said that “the propensity to truck, barter and exchange one thing for another . . . is common to all men, and to be found in no other race of animals.” The ineffable Calvin Coolidge, the unpleasant little man who became president of the United States because of his fame as a strike-breaker and who did as much as any one person could to cause the great depression, once grossly insulted his fellow-Americans by saying, “the business of America is business”—in other words the ultimate objective of all the effort, sacrifice, labour, suffering; of all the idealism, the intelligence, the generosity that have marked the history of the American people has not been justice, or knowledge, or beauty, or virtue, or happiness; but just business for the sake of business . . .

Of course I could have spent half an hour in saying—what is quite obvious—that Canadian exporters are in danger of pricing themselves out of some of even their traditional markets. But that gambit has recently been used by a distinguished member of parliament from our own city. Incidentally I have drawn a certain sardonic amusement from the enthusiasm with which some of our more loquacious business colleagues burst into fulsome praise of Mr. Harold Winch for his remarks about labour costs, but made no reference to his observations about such hallowed matters as profits and business practices.

Then I might have brought up again the regrettable way in which Canadian trade is becoming more and more concentrated in a single channel—across the American boundary. But this has long been recognized and a couple of years ago we elected a government, in part at least, because it promised to do something about it. Wasn't it 15 per cent that was to be diverted to British markets? Just another of those slippery platform planks on which one can run but not legislate.

I thought that I might say something about the necessity of buying abroad if we are to continue successfully to sell abroad. But on this theme I asked myself, what is the use? Everyone with any pretensions to literacy in trade matters knows that this is true. Everyone is equally agreed that steps should be taken to facilitate such purchases abroad—except, of course, in those commodities in the production of which he has a personal interest. In this as in so many other matters intellectual conviction is not enough.

I might have decided to talk about the growing economic and trading organizations of Europe. The coming together of the Inner Six and the Outer Seven and the efforts being made to open doors between them represent what we all must recognize as a healthy movement towards the elimination of those ubiquitous and strangling national trade barricades that have contributed so much to the bloody history of that most belligerent of continents. But there is not very much that Canada or Canadians can do either to help or to hinder this movement towards a more unified economy in Europe . . .

Finally I considered the advisability of talking about our over-valued and purse-proud dollar, and its effect on



Dr. Hugh L. Keenleyside graduated from the University of B.C. in 1920 and received his doctor's degree from Clark University in 1923. In 1928 he began a distinguished career in government service and retired in 1959 as chief of the United Nations Technical Assistance Administration. He is now chairman of the B.C. Power Commission. The speech which is reproduced here is an address given to the 1960 graduating class of the Faculty of Commerce and Business Administration.

"It is of the first importance that Canadian industrial and commercial organizations engaged in foreign trade should give renewed and persistent thought to the possibility of improving their administrative practices."

our external trade. (Its value as a purchasing medium at home is too grim a subject for refined conversation. After all there are ladies present.) . . .

Anyway, rightly or wrongly I discarded these topics and decided that I would talk to you briefly about three suggestions each of which has had rather less consideration by Canadians than it deserves.

The first is the desirability of trying to do something about our economic relations with the United States that is less drastic and less of a political pipe-dream than the proposal sometimes made for an economic union, and yet might have a rationalizing effect on some components of our North American economy.

Some of you may recall that in the early days of the Second World War the governments of Canada and the United States set up joint economic committees to cooperate in planning the maximum beneficial use of the resources and productive machinery of the two countries for war purposes. As a result of the work of these committees there was a marked improvement in the effective utilization of the two economies.

One of the proposals that was discussed but not acted upon at that time has, I believe, some significance for those who are concerned with developing economic relations between the two countries in ways that would be mutually profitable and otherwise beneficial. The particular suggestion I have in mind and that was given consideration by the joint economic committees, had to do with the automotive industry on the two sides of the boundary. The idea, in brief, was that each major company in this field should divide its production by allocating the manufacture of certain specific units exclusively to a Canadian factory. All other models would be made in the United States, and the tariff on motor cars would be completely abolished. This would mean for the Canadian factory that it would have the whole market above the Mexican border for the particular models which it produced. Similarly the units produced in the United States would have free access to the Canadian market. It was argued that this would mean that the companies concerned would profit by a larger consolidated market, that the various centres of production would have an increased stability in demand and employment, and that the American consumer possibly, and the Canadian consumer certainly, would have the benefit of lower prices.

Although this proposal was abandoned under the pressure of wartime necessities it was known to the members of the committees that at least one major American producer was prepared to enter into serious discussions of this proposal.

It seems to me that we have in this bit of ancient history the nucleus of an idea that might well be considered by those in charge of economic policy in Washington and Ottawa. There would, of course, be many fields in which the idea could not be effectively applied. It is, however, at least worth considering whether there are not some industrial areas that could usefully be scrutinized with such a division of activities in mind.

The second suggestion that I propose to submit for your consideration is also, in part at least, the result of wartime experience. Let me put it in the briefest possible form. It is, I think, of the first importance that Canadian industrial and commercial organizations engaged in foreign trade should give renewed and persistent thought to the possibility of improving their administrative practices.

It is a popular sport in some business circles to refer in scornful terms to the inefficiency and bureaucratic incompetence of government departments and government agencies. Let me say in passing that the most vocal and most abusive of those who indulge in this kind of shotgun accusation are usually to be found among the less experienced and less sophisticated members of the business community. The loudest noises usually emanate from the intellectually unwashed. When dealing with the higher echelons of Canadian business and finance there is a minimum indulgence in this kind of generalized criticism. People in positions of real responsibility generally tend to know what they are talking about. Everyone who knows the circumstances knows that there is inefficiency in government service as there is in every other human activity; but that there is less efficiency in the conduct of public affairs than there is in private business is, in my opinion, a very dubious charge. That there is less honesty it is safe, categorically, to deny.

It will be recalled that during the Second World War a great many Canadian business men were asked to go to Ottawa to assist in the management of the war effort there. Many of these men did remarkably good jobs. Some of them were magnificent. It has not, however, been widely advertised that a rather surprisingly large percentage of them, when faced with new conditions of work, when held to public accountability for every decision, proved to be gravely incompetent. In some cases they had to be returned to the organizations from which they came. In others they were given less demanding jobs than had originally been intended. Believe it or not, I think it is probably true that the professors who were taken to Ottawa to help in the war effort did at least as good a job as the business men. Some would say that they did much better, even in administrative posts.

The scepticism which many of us developed at that time about the relative efficiency of some segments of Canadian business has in my case been in part at least confirmed by later experience and by contacts with Canadian business abroad. During the last ten years I have had occasion to travel widely and to meet business, financial and governmental leaders in a great many countries. Naturally I have been interested not only in my own immediate United Nations problems but in the relations existing between these countries and my own. Generally speaking the Canadian traveller experiences a warming pride when he discovers the very high regard in which Canada and Canadians are held in other countries. In the business field also this is widely true—especially in connection with Canadian financial institutions and those who manage them. On the other hand it is worth noting that there has been and is a surprising amount of criticism of Canadian business methods not only among foreign businessmen but by our own trade representatives in foreign countries. This criticism is not generally directed towards Canadian standards of honesty or the quality of Canadian products. It rather tends to concentrate on charges of inefficiency, inexperience and lack of initiative, imagination and energy in the procedures and administrative activities of the companies concerned. Administrative weakness is of course inevitably reflected in the cost of the products concerned.

It is for these reasons that I suggest that one of the most important aspects of the effort to promote Canadian trade abroad is the necessity of ensuring that the industrial

"We should not, we cannot, remain passive in comfort while two-thirds of the people in the world—men and women and little children with needs and emotions and hopes like our own—suffer unnecessarily from ignorance and hunger, from illness and injustice."

and commercial organizations engaged in this activity should conduct their affairs with a maximum of administrative efficiency. Merely reducing wage rates and cutting down on profits is not going to enable Canadians to compete successfully in the severe commercial weather that is going to be encountered in the next twenty years. It was no outsider, nor an academic critic, but the head of one of the largest manufacturing industries in Canada* who said in Vancouver a few weeks ago that if this country is going to meet the economic competition of other world powers two things are essential: improvement of management efficiency and of manufacturing methods. Here is the voice of experience and intelligence, and you will note that it is singing no dirges over high wage rates or excessive profits.

It is no secret that in the next few years in addition to the normal competition in world markets Canadians will have to face a new and very serious challenge from the state-guided and state-controlled organizations of the totalitarian countries. To meet this threat Canadian business will have to take a severely critical look at its administrative habits. Any slovenliness or looseness in procedures, any mistakes or soft spots in organization, will be paid for in lost markets abroad and lost jobs and salaries and profits at home.

The third and last of the ideas that I propose to place before you has to do with the desirability of pressing on with increased programs of international assistance to the less developed countries of the world. The Canadian government, supported by the Canadian people, has over the last ten years taken an active and enlightened part in the programs of technical assistance and economic aid. The present government is continuing and expanding that program. Through the United Nations, the Colombo Plan, and in direct help to countries in need, Canada has contributed a fair share to the efforts that are being made to assist these countries in their struggle toward economic and social progress.

Having said this, however, let us not exaggerate what has been done. Canada has not impoverished herself, has not even added appreciably to her rate of taxation by what has been done to help other countries. If every adult Canadian would contribute the equivalent of the cost of one cocktail a month the Canadian contribution to the technical assistance programs of the United Nations could be multiplied sixty times! The cost of the Canadian contribution to the Colombo Plan is less than half the cost of cosmetics purchased annually by Canadian women—and, sometimes at least, produces more gratifying results! So let us avoid any excessive degree of self-satisfaction over our "sacrifice" in this field.

Now let me place the argument for continued foreign aid on a purely selfish basis. Here, perhaps, we can find the most useful historical analogy in the record of our own country over the last sixty years. In speaking to audiences in the United States I have put it to them this way:

"To the north of the United States is Canada with seventeen million people. To the south, Latin America with about two hundred million. Every year Canada buys from the United States almost as much as does the whole of Latin America. This is not the result of any peculiar virtue enjoyed by Canadians. It is the direct consequence of the fact that in the last fifty years Canada has gone through a tremendous period of economic and social development.

*Rhys M. Sale, president of the Ford Motor Company of Canada.

In 1900 Canada's purchases from the United States were about \$75 million. In 1960 Canada will buy in your country approximately \$4,000 millions worth of goods and services. In 1900 Canada was a weak, insignificant, badly administered, under-developed, agricultural community. Today that country is one of the larger industrial and commercial powers. The change has come about in part because of Canada's natural resources (which are no greater, however, than those of some of the presently underdeveloped countries), in part because of the mobilization of domestic and the attraction of foreign capital, but above all because Canada has had the benefit of technical assistance, both public and private, from the United States, Great Britain, France and other countries, and has been able to help itself because of the help it has received from abroad.

"If by the use of technical assistance and the provision of development capital changes similar to those which have taken place in Canada could take place during the next half century in even a small part of the underdeveloped areas of the world the commercial results in the United States and in other industrial countries would be of fantastic proportions.

"Let there be no mistake about the practical, dollars and cents, commercial value of this program."

Now in talking to you and in concluding what I have to say tonight let me make it clear that in my opinion it is not of course enough to place this program of international aid on a commercial and practical basis. There is a higher and better justification. Most of us believe that the purely negative policy of building constantly greater armaments is not, in itself, good enough for a people who profess to be guided by the spirit of Christianity. We believe that some constructive and generous policy is an imperative need. One great aspect of such a policy is to be found in the program of mutual aid.

The program was started and is being carried on not only because it strengthens the cause of peace, and not only because it holds out the promise of fantastic commercial profits. Its real motivation is found in the fact that it is the right thing to do. We in Canada have been born and have grown up in an atmosphere of freedom and democracy; we have been nurtured in the principles of Christianity.

We should not, we cannot, remain passive in comfort while two-thirds of the people in the world—men and women and little children with needs and emotions and hopes like our own—suffer unnecessarily from ignorance and hunger, from illness and injustice. While they are in bonds none of us can be truly free. In aiding them we are raising ourselves to a higher level of human conduct.

Two thousand years ago a very great man, in speaking of the people of his day who really practised their religion, said:

"I was an hungered and ye gave me meat,
I was thirsty and ye gave me drink,
I was a stranger and ye took me in,
Naked, and ye clothed me,
I was sick and ye visited me,
I was in prison and ye came unto me."

Today in modern Canada, and elsewhere throughout the world, it is only to the extent that we translate these words into the realities of current practice within and between nations, that humanity can move toward that distant but imperative goal of peace and decency and hope fulfilled for all men everywhere on earth.

Let us not fail to do our part.

*The secrets of the sea
are being revealed by scientists
working at U.B.C.'s Institute of Oceanography*

THE INSTITUTE OF OCEANOGRAPHY

By G. L. PICKARD

The publicity and attention which has been given to space exploration in the past decade often leads the layman to conclude that the universe is the last great frontier for scientific exploration. Nothing could be farther from the truth and Canadians in general, and British Columbians in particular, have an example of an unexplored field right at their doorsteps.

I refer to our oceans—those bodies of water that cover about 71 per cent of the earth's surface and affect our lives to a greater extent than most people realize. Nor should it be supposed that oceanographers are primarily interested in academic problems. The results of much of their research have practical value.

How can a mill dispose of its waste without affecting the local fishery? Where should a sewage outlet be placed to avoid contamination of beaches? What determines the production of feed for salmon in the sea? How fast is the delta in front of the local river advancing? Answers to these questions would be useful to many coastal communities; they certainly are to most communities on the Canadian coast. These are the kind of problems which face scientists in Canada's oceanographic groups at the present day. The object of the Institute of Oceanography at the University of British Columbia is to prepare graduate students to design and carry out research programs aimed at answering such specific questions as these, as well as to carry out research on most scientific problems concerned with the oceans.

The field of oceanography has developed in the last hundred years in the application of our knowledge of the laws of the basic sciences to attempts to understand the oceans. The physicist is interested in circulation, the geologist in sediments, the biologist in the effect of the sea as an environment on the plants and animals in it. The Institute of Oceanography is the centre at the University of British Columbia for such scientific study of the sea.

Prior to 1949 Canada had oceanographic groups on the east and west coasts associated with the Fisheries Research Board. These groups studied the ocean with the object of answering practical questions of interest to fisheries and to

naval operations. The Defense Research Board in 1948 suggested the possibility of starting oceanographic work at a university to carry out fundamental research and to introduce students to the field. After discussions, and finally as a result of a recommendation by the National Conference of Canadian Universities in 1949, it was decided to make a start in oceanography at the University of B.C. The Institute was formed as a part of the Faculty of Graduate Studies and the first courses were given in the fall of 1949.

The first active staff member was W. M. Cameron, a graduate of U.B.C. in zoology, who had worked with the navy as an oceanographer during the war. After doing his doctoral work in physical oceanography at Scripps Institution in California he returned to the Pacific Oceanographic Group and from there came back to U.B.C. The present writer, after a year at Scripps, returned to U.B.C. in 1950 to share the load of courses and direction of graduate students. In 1951 M. Kirsch in chemistry started work in this aspect of oceanography. In 1952 R. F. Scagel, also an alumnus of U.B.C., returned from the University of California to work in marine botany as a staff member of the Institute, and in 1953 W. H. Mathews in geology became associated with the group. In 1955, W. M. Cameron returned to the Defence Research Board and in his place came R. W. Stewart from the Pacific Naval Laboratory to develop and apply his interest in turbulence to the ocean. Initially the Institute was a headless body, operating under the direction of the president's committee on oceanography under the chairmanship of W. A. Clemens. In 1953 Dr. Clemens was appointed director of the Institute and served in this capacity until 1958 when the present writer succeeded him.

Despite an increase of interest in the practical aspects, due to military demands for information during the war, the field of oceanography remained relatively obscure until the mid-50s when a wider interest began to develop in various parts of the world and particularly in Canada. Some indication of the growing interest may be gathered from the fact that at a meeting in Seattle early this year there were representatives of thirteen groups now working in oceanography in the Pacific Northwest alone.

The developing interest in the field, together with strong support from Dr. Cameron in Ottawa, resulted in 1959 in a block term grant of \$90,000 per year from the National Research Council for

the development of oceanography at U.B.C. This grant was given initially for three years, but with every expectation that it will be continued. With this very practical encouragement it has been possible to start building up the staff and research program of the Institute.

In assembling the staff, one of the facts to be borne in mind is that an oceanographer usually works as a member of a team. Though he may specialize in one science he must be acquainted with the fundamentals of the other sciences. Therefore, to be adequate the staff of the Institute must have representatives of all the marine sciences. With this in mind several members have recently been added to our staff. The first was B. M. Bary, a zoologist from New Zealand who has worked in South Pacific, Antarctic and North Atlantic waters. Early this year, A. E. Cockbain, a geologist, arrived from England. R. M. Burling, also from New Zealand, will be joining us in May to work in physical oceanography, and negotiations for a staff member in chemistry are in hand.

It may be mentioned at this point that all the staff members are also associated with the department of their basic science, and that the same is true for the students. The Institute accepts graduate students only. They register in the department of their basic science, and their academic program and research are directed by the appropriate staff member. Up to the present time, fifteen students of the Institute have graduated with the master's degree and four with the doctorate.

An important part of the Institute's work is to carry out research. At an early stage it was decided to concentrate effort on the coastal and inlet waters of British Columbia. The large runoff of fresh water from the rivers gives rise to an oceanographic environment which has attracted considerable interest in recent years. The effect of the fresh water flow through the inlets in the surface layer gives rise to a circulation in the deep water, and one of the objectives is to obtain a full understanding of this and of its effect on the marine environment.

In building up a background of information the cruises of the Institute have taken staff and students into almost every inlet in the British Columbia coast from the Indian Arm to Portland Canal. These cruises have been made in the oceanographic research vessels maintained by the Royal Canadian Navy and made available as part of its support for oceanography. The first cruise of 3000 miles in 1951 was made in C.N.A.V. *Ehkoli*, and subsequent cruises have been made

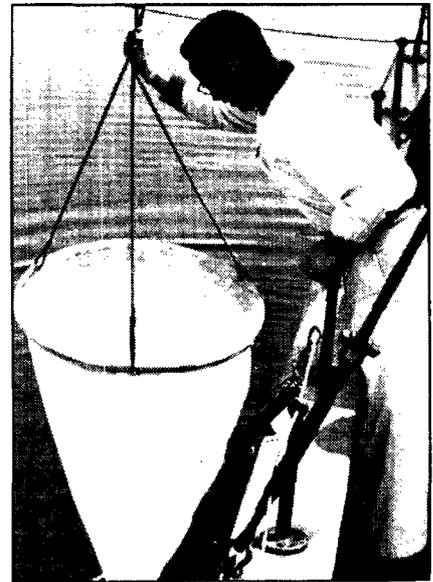
Professor George L. Pickard is on the staff of the department of physics and directs the Institute of Oceanography at the University of British Columbia.



A variety of scientific equipment is used by U.B.C. scientists in their investigation of the oceans. At left a bottom corer is about to be lowered to the floor of Bute Inlet to collect samples. The center picture shows a scientist readying an



instrument which will measure the speed and direction of currents. The picture at right shows a net used to collect plankton, the microscopic organisms which are a food source for fish.



in Cedarwood, Whitethroat and Oshawa. The visits to the inlets provide opportunities for research by the staff, and for experience and training in oceanographic research methods for the students. A typical day on such a cruise starts at about 7 a.m. and includes measurements of water properties, meteorological observations, collection of plankton and bottom materials. All these activities continue until the evening. Chemical analysis of the water for salinity and other dissolved materials and plotting the day's data keep some of the party busy for two or three more hours while others plan the details for the next day's work. The night might be spent at anchor or in steaming to the scene of the next day's operations. Such cruises last from a few days to several weeks and in recent years have totalled about eighteen weeks per year.

Another type of work involves round the clock measurements of currents from the ship anchored in mid-inlet for a week at a time. Such operations tend to be somewhat tiring and tedious, but are necessitated by the variations due to the diurnal character of the tidal and wind driven currents. Such "current stations" are never popular with the ship's company who do not have the stimulus of the new data obtained to offset the tedium of lying at one place. There was one occasion when a party from the crew decided to relieve the monotony by a two-day expedition up the Orford River in Bute Inlet. Only three hours later they were back on board, their small boat having overturned in the rapids. Their equipment was gone and the leader returned with nothing but a pair of swim trunks and a cap!

Although oceanographic cruises in these latitudes are not the deck chair jaunts which one's colleagues are apt to

suggest, all who take part admit that there are compensations in the impressive scenery of the coast and the quiet nights at remote anchorages.

The research programs under way at present cover many branches of marine science. The physical side includes studies of surface and of deep water circulation, internal waves at different depths below the surface, and of mixing between fresh and salt water. One of the recognized but not yet fully explained aspects of the latter process is that salt water mixes upward into the surface fresh water from the rivers, but the fresh water does not mix downward significantly. Laboratory studies of turbulence are a part of the Institute's program and bear directly on the mixing process. Measurements of the interaction between currents and waves are also being carried out. Studies of the distribution of seaweeds along the coast have led to relations between the distribution of species and of water properties, and indicate that information on average conditions may be obtainable from the types and location of seaweeds. Partly as a result of these investigations the University herbarium now possesses an unrivalled collection of marine algae of the coast of the north-east Pacific. Sampling of bottom materials has shown that the most common material in the inlets is a fine grey mud formed of rock flour brought down by the rivers from the glaciers. In the coastal regions other materials are found, and an investigation of foraminifera has just been commenced. These minute animals are influenced by water temperature and the distribution of these shells in bottom sediments may give information about the climatic history of the region. The zooplankton, larger drifting animals, are also influenced by water properties and are being studied as

tracers in the water movement. They are the second link in the food chain in the sea. The first is the phytoplankton, small drifting plants which absorb light energy and use it to manufacture carbohydrate from the chemicals in the sea water. The zooplankton form the principal food for the fish populations which form a boundary of the biological oceanographer's interest.

Although basic research is the prime interest of the Institute, it has contributed to applied studies in the local regions. At an early stage in its development it helped with the studies of the circulation and water properties in Burrard Inlet and off the Fraser River for the Vancouver and District Sewage Board. More recently it has helped with studies of bottom currents in connection with the laying of power cables, and with investigations of cooling water problems for a thermal power plant. Further afield, Dr. Cameron organized two oceanographic expeditions to the Beaufort Sea in the Arctic under the Defence Research Board, and was senior scientist for a subsequent U.S. expedition in the Arctic.

Canada is becoming increasingly conscious of the potential of the sea both as a source of food and as a possible source of minerals. The study of sea ice and of the possibilities of navigating through it is also being pursued. The Bedford Institute of Oceanography on the east coast has recently been formed in the department of mines and technical surveys and under its director, Dr. W. M. Cameron, an intensive study of Canadian Atlantic waters is planned. This group and the other professional oceanographic groups in Canada all have a growing demand for men to work in this field and one of the chief duties of the Institute of Oceanography at U.B.C. is to prepare students to do so.

IN THE GOOD OLD



Joseph Langland will teach fiction writing and criticism

The largest and most comprehensive summer session in Canada will be held at the University of B.C. from June 27 to August 12. More than 3000 students and 200 professors will take part in the six-week session which is under the direction of Professor Kenneth Argue.

The Faculty of Arts and Science alone will offer 113 courses and 75 visiting professors from the United States and Europe will complement the 135 regular U.B.C. staff members who will instruct.

The 23rd annual summer school of the arts, administered by the extension department, will run from June 27 to August 20. Both credit and non-credit courses will be offered in the fields of theatre, art, dance, communications and public affairs.

EXPANDED MUSIC SCHOOL

Something of musical interest will be available to students of all ages and levels during the summer school of music's expanded program which will run from July 18 to August 20. Under the direction of Dr. G. Welton Marquis, professor and head of the department of music, elementary, intermediate and advanced study in vocal and instrumental fields will be featured.

Guest director of the opera workshop will be Dr. Jan Popper, conductor of student opera productions at the University of California in Berkeley. Dr. Popper was recently awarded a citation from the National Association of American Composers and Conductors for his outstanding contribution to American contemporary opera.

The elementary program, which encompasses last year's highly successful summer music camp, will give students from 13 to 18 years of age the opportunity of studying music, theory and con-



Outdoor sculpture display is planned

ducting under several outstanding directors. Hans-Karl Piltz, assistant professor of music at U.B.C. will direct the orchestral and chamber ensembles for intermediate and advanced students while opera coach and director of the intermediate and advanced chorus will be Robert B. Morris, assistant professor of music at U.B.C. A composition workshop will offer courses in theory, orchestration and composition.

LARGE THEATRE STAFF

A staff of 15 directors, instructors and technical supervisors, headed by Dorothy Somerset, associate professor of theatre at U.B.C., will participate in the summer school of theatre from June 27 to August 13. Guest director will be Robert Gill, well-known director of Toronto's Hart House Theatre, who will be returning to the summer school for his fifth consecutive year.

Plays currently being considered for the major drama production are Tennessee Williams' controversial "Camino Real," and "Diary of a Scoundrel," an amusing character comedy by Ostrovsky. Jerome K. Jerome's delightful, old-fashioned comedy, "Fanny and the Servant Problem" is being considered as the Frederic Wood Production.

Courses in acting, speech, directing, children's theatre, stage movement, stage crafts and scene design will be offered on the program. Visiting instructors will be C. V. Bennett, technical director of theatre at the Oregon State University; Jean Erdman, American dancer and choreographer; Betty Gemmill, teacher of singing and speech, Toronto, and Roger Long, of the department of theatre at the University of Southern Illinois.

Darwin Payne, technical director and



Lister Sinclair plans to interview Festival artists

lecturer at U.B.C. will teach a course in scene design; Ian Thorne, playwright and actor, a course in speech, while children's theatre will be under James S. Stevenson of the U.B.C. College of Education. John Brockington, a U.B.C. graduate, who is currently taking postgraduate studies in theatre at the Yale University school of drama, will teach a course in directing and will direct one of the productions to be presented by students during the final week of the summer school of theatre.

COMMUNICATIONS SCHOOL

Dr. William N. McPhee, prominent Columbia University research assistant, will be among guest instructors attending the second annual summer school of communications from July 18 to August 8. Dr. McPhee will lead a seminar on communications devoted to the study, discussion and investigation of problems of mass behaviour and communications.

Speech for broadcasting, under Dr. P. Read Campbell of the College of Education, will feature the study and practical application of speech as it pertains to broadcasting. Standards of speech for Canadian broadcasting, Canadian English, and aspects of pronunciation are a few of the subjects slated for discussion. Special attention will be given to the reading of commercial copy.

Mr. David Bennett, film writer and director, National Film Board, will be guest instructor at a seminar on film production. This course will deal with basic techniques involved in film making, including film script, screen geography, continuity and film editing. In addition, students will participate in the making of one or more short films. A limited number of scholarships is available for this particular seminar.

*From June 27 to August 12 more than 3000 students
and 200 professors will take part in
the largest and most comprehensive summer session in Canada.*

SUMMERTIME



Jan Popper will direct opera workshop



U.B.C.'s Robert Morris will direct chorus work and coach opera



Dancer Jean Erdman will instruct again this year

VARIED DANCE PROGRAM

Jean Erdman, well-known U.S. dancer-choreographer, is returning to the University of British Columbia as guest director of the summer school of the dance for the second consecutive year. During the six-week course from June 27 to August 5 she will endeavour to give students a thorough background training in the arts considered essential to the full development of a serious artist.

Miss Erdman, who holds a top position among dance educators, was born in Hawaii where she had an early introduction to the cultures of India, China, Japan and Polynesia. She studied ballet at the American School of Ballet, Spanish dance with Jose Fernandez and Japanese dance at the Hitsamatsu School.

Her program at U.B.C. this summer will include the art and science of movement, dance technique, music study, design and creative composition and production. Folk dances of Moldavia, Russia, the Ukraine, Scotland and Ireland will be featured in a course on national dance styles. Climaxing the school of dance will be a recital by Miss Erdman sponsored by the Vancouver Festival Society. Other special events will be a lecture demonstration and a series of five evening master classes.

Assisting Miss Erdman will be Karen Geiger, New York dancer with Miss Erdman's company; Helen Goodwin, coordinator of the dance school; Welton Marquis, head of the U.B.C. music department; Don Jarvis, Vancouver artist; Karl Kobylansky, of the Ukrainian People Association, and Hugh Thurston, folk dance expert.

SEMINAR ON AFRICA

A seminar on Africa will be the outstanding feature of the second summer school of public affairs. Among the diplomats, administrators and scholars attending the five-day conference at International House from July 25 to 29 will be Robert Fowler, deputy high commissioner for the United Kingdom in Ottawa; Dr. Carl Rosberg, department of political science, University of California, Berkeley, and His Excellency the Belgian ambassador to Canada. Sessions will be devoted to the study of significant developments currently taking place south of the Sahara and north of the Union of South Africa.

From August 28 to September 2nd, the eighth annual United Nations high school seminar will be held on campus. Co-sponsored by the Vancouver and Victoria branches of the United Nations Association, study will be concentrated on the United Nations as an organization.

FINE ARTS LECTURES

The well-known Canadian writer and broadcaster, Lister Sinclair, will again conduct a series of noon-hour interviews with visiting artists of the Vancouver Festival, and guest instructors at U.B.C. during the summer school of the arts. Open to all summer school students and the general public, the interviews will be held in room 106 of the Buchanan building Monday, Tuesday, Thursday and Friday at 12:30 p.m. from July 18 to August 5. A fine arts lecture series will take place on four consecutive Thursday evenings in July, while the public affairs series will be held on four consecutive Tuesday evenings in July.

Exhibitions of sculpture and poster art will be two highlights of the summer school of arts and crafts from June 27 to August 12. The third biennial outdoor exhibition of sculpture, which is being held in association with the North West Institute of Sculpture, will be opened officially by Dr. N. A. M. MacKenzie on July 6. Included among the prizes will be a \$600 award from U.B.C.

An exhibition of maquettes, which are small studies of the sculptors' completed work, will take place in conjunction with the biennial. The winning sculptor, whose maquette will be selected by a panel of judges, will have one year in which to complete the full-scale piece of sculpture. It will then be erected by the pool in the court of the Buchanan building. An award made available through a \$2,000 Canada Council grant will be presented to the winner.

POSTER EXHIBITION

The poster exhibition from June 27 to August 20 will feature works from 48 countries including examples by Toulouse-Lautrec, Bonnard, Cherte and William Nicholson. It is being presented in association with the Vancouver International Festival.

Guest artists, who will supervise classes in painting, drawing and sculpture, will include Louis Bunce, distinguished west coast painter; Cecil Richards, associate professor of art at the University of Manitoba and Don Jarvis, instructor of painting and drawing at the Vancouver School of Art. The children's art program will be conducted by John Dober-einer, director of children's art for the extension department.



Canadian pianist Glenn Gould (top) will perform on three occasions at the 1960 Vancouver International Festival. Center photo shows the painted face of one of the performers in the Peking Opera — a dazzling array of acrobats, dancers and pantomimists. At bottom is Leonard Bernstein, conductor of the New York Philharmonic Orchestra, which will give two performances under the baton of Mr. Bernstein on August 15 and 16.

For the third year in succession the city of Vancouver will be the scene of a festival of the arts rated by music and drama critics as the most important annual event of its kind to take place on the North American continent.

The Vancouver International Festival (July 22—August 16) combining, as it does, the talents of some of the world's finest artists in a continuous program of symphony, opera, drama, dance, recitals, exhibitions and films, has focussed a great deal of attention on the Pacific coast city since 1958 when the first Festival was launched.

Six countries will be represented in the 1960 Festival. Perhaps the most unusual contribution comes from behind the Bamboo Curtain in the shape of the ancient and justifiably famous Peking Opera — not an opera at all in the Western sense of the word, but a dazzling array of acrobats, dancers, pantomimists, singers and instrumentalists richly costumed and incredibly disciplined.

England's contribution to the Festival will be Benjamin Britten's musical version of the Chester Miracle play "Noah's Flood." This is an opera in the true sense of the word making use of more than seventy child actors and musicians as well as a number of adult artists. Italy and Japan combine to produce another major Festival attraction; Puccini's "Madame Butterfly," one of the most famous works of the great Italian operatic composer.

The United States makes several contributions to the Festival program this year. Perhaps the most momentous is the appearance of the New York Philharmonic Orchestra, 108 musicians conducted by Leonard Bernstein. The orchestra will give two performances, August 15th and 16th.

Mark Twain, the famous author and lecturer, will visit the Festival in person —reincarnated by a thirty-four year old actor, Hal Holbrook, whose uncanny impersonation of Mark Twain as a seventy year old man won him unanimous acclaim on Broadway in 1959.

From Pittsburgh comes the noted conductor William Steinberg to lead the Festival Symphony Orchestra in two concerts, one with soloist Kerstin Meyer, the Swedish mezzo-soprano, and the other with the Vancouver Bach Choir in the Schubert Mass in A Flat and the Bruckner Te Deum. The Claremont Quartet, a leading American string quartet, will present two interesting and varied recitals.

The distinguished Mexican conductor and composer, Carlos Chavez, will conduct the Festival Symphony Orchestra with the newly discovered Bolivian violinist Jaime Laredo. Chavez's own Symphony No. 4 will be played and

Laredo will perform the Sibelius Violin Concerto.

Canada, and in particular British Columbia, will be well represented. The opera cast is all-Canadian as is the Festival drama, "The Deadly Game," an adaption of Friedrich Duerrenmatt's novel "Traps." The suspenseful plot unravels itself in the home of a retired judge and builds to a most unusual twist ending.

The noted Canadian pianist Glenn Gould will perform on three occasions, once with the Festival Chamber Orchestra conducted by Louis Lane, the young associate conductor of the Cleveland Symphony Orchestra; the second time in an all-Schoenberg concert with Kerstin Meyer, and again in his own piano recital performing works by Byrd, Bach, Beethoven and Berg.

The Vancouver Cantata Singers conducted by Mr. Hugh McLean will perform Vaughan Williams' Mass in G Minor as well as several other works.

The unusual group of Vancouver musicians known as the Cassenti Players will perform one concert under the direction of bassoonist George Zukerman. This group performs works for wind instruments and wind and strings and received high praise from visiting music critics last year.

For the past two years one of the most important features of the Festival program has been the Vancouver International Film Festival. This year it will begin on July 11th and continue until July 23rd, preceding the larger Festival by ten days. The best films of more than twenty-five countries will be shown and awards will be given to the winners in several categories.

This brief outline of the third annual Vancouver International Festival should serve to impress the reader not only with the size, variety and importance of this event, but with the fact that it had its first beginnings on the campus of the University of British Columbia, inspired and supported by such individuals as Miss Dorothy Somerset, and Dean G. C. Andrew. Other members of the University faculty now serve on the board of directors of the Vancouver Festival Society and the University continues to work in close co-operation with the Festival. The Festival performers are made available as lecturers to the University Summer School of the Arts. The Vancouver Festival Society donates scholarships to a number of students in the University Summer School of the Arts each summer; and this year the University campus will be the scene of a two-day Canadian Music Festival sponsored by the Vancouver Festival Society.

INTERNATIONAL FESTIVAL — 1960

THE VICTOR OF ALAMEIN VISITS U.B.C.



Two old soldiers, Norman MacKenzie and Bernard Montgomery, posed on the balcony of the U.B.C. Faculty Club on the evening of May 9 before the field marshal was awarded an honorary degree at a special congregation in the armoury.



The field marshal accepts honorary membership in B.C.'s Newsmen's Club from columnist Barry Mather in the Faculty Club, above. Below, the field marshal chats with an athlete at the 12th annual Vancouver Relays, which he opened.



CITATION FOR FIELD MARSHAL'S HONORARY DEGREE

Mr. Chancellor, I have the honour to present to you for the degree of Doctor of Laws, **honoris causa**, BERNARD LAW MONTGOMERY, Knight of the most noble Order of the Garter.

This University recognizes that there could be no citation so apt, so immediately forceful in its power to evoke the memory, as the one he himself chose, The Viscount Montgomery of Alamein. It recalls that moment in history when in the desert of North Africa two Generals and two Worlds opposed each other in the struggle for freedom. Trusting in the power of Divine Providence and the courage of his men, confident of his own skill, devoted to his country's purpose, General Montgomery fought our battle, defeated our enemy, and brought hope and inspiration to free men everywhere.

Alamein kindled a flame in the hearts of British soldiers, and under his inspired leadership, saw the beginning of that triumphal march through the African desert, through Sicily and on to the gates of Rome.

As Commander of the famous 21st Army Group, the Field Marshal continued to display those qualities of brilliant leadership and unswerving devotion and faith, from

the shores of Normandy across the Rhine to the City of Berlin, each battle adding to the measure of his greatness.

From despair and subjugation came hope and freedom. From victory came peace and reconstruction.

There is much to be related, Mr. Chancellor, of his accomplishments in the task of reconstruction in the post-war years in Europe, and as Chief of the Imperial General Staff, and of his contribution to the nations of the North Atlantic Treaty Organization. But our hearts and minds refuse to be drawn away by these achievements from our memory of this master of the battlefield at Alamein.

As history has associated Marlborough with Blenheim, Wellington with Waterloo, so this great General will ever be linked with that turning of the tide of war—the victory of Alamein.

Sir Winston Churchill addressing the heroes of that encounter said this:

"In days to come when people ask you what you did in the Second World War, it will be enough to say: 'I marched with the 8th Army!'"

Mr. Chancellor, I present to you the leader of that Army.



FINE ARTS

During the past three months the University of British Columbia has received letters from organizations and agencies and private individuals representing more than 10,000 citizens of the Province urging construction of a fine arts centre on the campus.

In an interview President N. A. M. MacKenzie expressed pleasure at the widespread support for such a development. "We have had more letters and petitions from individuals and groups from all parts of the province urging us to begin construction of the fine arts centre, than we have had for any other single proposal affecting the University in recent years. These representations come from serious and responsible citizens in every part of the province, who are anxious to see the University provide facilities for these important and essential areas of education. I am greatly encouraged by their interest and support," the president said.

"Music, painting, theatre, and the fine arts in general are among the most significant influences on the welfare of man, and if we are to become a balanced, mature and sensitive nation, then the greatest attention must be given to fostering the growth and development of the creative arts," he said.

The development of a fine arts centre has been a matter of concern to the University for many years. "To date, however, the University has not been able to provide the fine arts with accommodation because of the continuing pressure for funds to develop the more 'practical' and traditional features of higher education — the sciences, the humanities, and the professional faculties," Dr. MacKenzie added.

The president stressed the fact that art is not solely for a small group of citizens. He pointed to the Vancouver International Festival, the Queen Elizabeth Theatre, and developments in U.B.C.'s Summer School of the Arts as clear evidence of a quickened interest on the part of the community.

"There is a great danger that modern man, through science and technology, and the resulting concentration of population in large, industrial cities, may gain the physical world but be unable to live

normal and healthy lives. The acquisition of material possessions and creature comforts holds a large place in the life of most Canadians, and my fear is that we will be unable to cope with our new environment and circumstances," he said.

The president pointed out that a fine arts centre at the University would do much to enrich the life of every citizen, and to provide healthy outlets for their emotional needs and desires. "We hope to provide opportunities for large numbers of people. Good music, good theatre, and good art should play a role in the daily lives of each of us. Too much of what we see and hear is second-rate, demanding neither mental effort nor sense of discrimination, and contributing little of value to any of us. I am convinced that people will enjoy the fine arts and benefit

NEW NUMBERS

U.B.C. and the Alumni Association have new telephone numbers as a result of the conversion of the Alma exchange to automatic dialling.

The main number for calling the University is now CASTLE 4-1111.

The Alumni Association's direct line, not connected with the main switchboard, is CASTLE 4-4366.

Extension numbers within the University have not been affected by the change-over. The Alumni Association can still be reached through the University switchboard by dialling CASTLE 4-1111 and asking for local 327.

greatly from them. But we must provide the opportunities. The establishment of a centre such as the one envisaged for the University will help immeasurably to this end," he said.

The centre which U.B.C. plans to build at the north end of the campus will provide buildings for the schools of architecture and music and a theatre for the newly created department of drama. An art gallery and teaching museum or "museum of man" will also be part of the scheme.

At present, the school of architecture and the theatre department are housed in wooden army huts which were brought

to the campus at the end of World War II to accommodate the veteran enrolment. The architecture school, which annually carries off some of the top prizes in national competitions, has operated in these wooden huts for the past thirteen years. The department of theatre, headed by Miss Dorothy Somerset, stages its productions in a 123-seat hut named for a former member of U.B.C.'s English department, Professor Frederic Wood.

The school of music occupies a building formerly used as a testing laboratory for forest products and the present anthropology museum and art gallery use facilities in the basement of the U.B.C. library that are needed for library purposes. All these departments will be grouped together in one centre under U.B.C.'s building plans. "Our aim," says President MacKenzie, "is to serve the community — the province of British Columbia — in this important field, and to provide the qualified teachers in the arts who are so badly needed throughout the province."

U.B.C. will get half of the total cost of the fine arts centre from the Canada Council which provides funds to Canadian universities for development in the fine arts, architecture, and certain other specified fields.

SPORTS

**By R. J. 'BUS' PHILLIPS
U.B.C. Athletic Director**

"Thunderbird" athletic teams have successfully concluded their first season of participation in the Western Canadian Intercollegiate Athletic Union. Participating in eleven sports, our University teams won six Conference championships — football, basketball, curling, tennis, badminton and swimming. This seemingly over-all dominance by U.B.C. has not discouraged the sister Universities of Saskatchewan, Alberta and Manitoba. Rather, it has given them a new set of standards to aim at, and we shall certainly find the competition keener in the future.

The W.C.I.A.U. also re-affirmed its desire to enter into the formation of a truly National Intercollegiate Athletic Federation, which would embrace Canadian universities from coast to coast.

Steps are now being taken to establish this Federation with Dean A. W. Matthews of U.B.C. and Dr. W. Orban of Saskatchewan named as delegates to the national meeting this summer in Kingston. Dean Matthews is also chairman of a national committee to investigate the possibilities of intercollegiate competition in football, basketball and ice hockey. If the same keen interest is displayed by the eastern universities and their unions, then it will not be long before the objective of national competition will be realized.

At its annual meeting, held in Saskatoon in April, the W.C.I.A.U. established certain rigid requirements which member universities must comply with in order to be in good standing. Effective by the 1961-62 season, universities must compete in all of the following "core" sports: football, basketball, ice hockey, badminton, cross country, curling, swimming. This means that Manitoba must enter football and swimming, and U.B.C. must enter ice hockey. In addition to this the member universities must enter three of the following sports on a tournament basis: golf, tennis, volleyball, wrestling, gymnastics and fencing.

As far as we are concerned ice hockey will pose our biggest problem. Without a rink on the campus, and with ice time at a premium locally, it will be no easy task to enter into an intercollegiate

schedule. The solution, of course, which we are all hoping for, is a winter sports arena on the campus, with facilities for ice hockey, curling and indoor swimming. Until such facilities are available the development of ice hockey will have to be curtailed.

The spring sports—golf, tennis and baseball are still in progress, with all three teams away on an intercollegiate exhibition schedule against Pacific coast universities. The results of these matches will not be available in time for publication in this issue.

Rowing in this Olympic year will hold the spotlight, with Frank Read back as head coach. A group of some forty oarsmen has been training faithfully since last fall. The squad will be cut to twenty by mid-May, and these athletes will form the competing crews for the Intercollegiate meets against Oregon and Washington, and the Western Intercollegiate Rowing Championships at Long Beach. If the eight-oared crew reaches a satisfactory standard of performance it will not have to enter Canadian Olympic Trials in the east, as the fours must do. In any case the chances of University of B.C. crews representing Canada at the Rome Olympics are very good.

A summary of the men's athletic program results is given below:

SENATE

The University of British Columbia senate has approved a recommendation which will lengthen the first term of the University for periods varying from a few days up to a full week during the next ten years. The first day of lectures, except in the case of certain professional programs, will be the third Monday in September from now on.

John Parnall, U.B.C. registrar, said the new arrangement will help balance the two terms and meet the frequent requests from faculties advocating an equalizing of the terms. In the past ten years the first term at U.B.C. has varied in length from 12 weeks, two days up to 13 weeks. In the next ten years the first term will vary in length from 13 weeks, two days up to 14 weeks.

The second term at U.B.C. has varied in the past ten years from 16 weeks, four days up to 17 weeks, two days. In the next ten years the length of this term will vary between 16 weeks, four days and 17 weeks. The senate has also approved a proposal that the spring congregations in May fall on the last Thursday and Friday of the month rather than in the third week as at present. Mr. Parnall said the change of dates would allow the registrar's office more time to adjudicate marks and prepare graduation lists for approval by senate.

SUMMARY OF SPORTS RESULTS - 1959-60

Sport	Coach	Manager	Overall Record
BADMINTON	None	Warren Bell	Inter-Club matches—Won 8, lost 6, draw 2 Won W.C.I.A.U. championship
BASKETBALL	Jack Pomfret Reid Mitchell	Arndt Erasmus Wayne Knight	Won 17, lost 12 Won W.C.I.A.U. championship
CROSS COUNTRY	Peter Mullins	John Minichiello	4th—W.C.I.A.U. championship 4th—P.N.W. championship 3rd—Royal Roads Annual Invitational C.C. Run
CURLING	Dean A. W. Matthews	Allen Paul	Inter-Club matches—Won 6, lost 0 Won W.C.I.A.U. championship
FENCING	Paul Burkhardt	Julian Clark	Won B.C. Provincial championships 3rd—W.C.I.A.U. championship
FOOTBALL	Frank Gnuip Bob Hindmarch	Joe Dang	Won 6, lost 4 Won W.C.I.A.U. championship Lost East-West final to U. of Western Ontario 34-7
GOLF	Bill Perkett		2nd—W.C.I.A.U. championship
GRASS HOCKEY	Dr. M. McGregor	John Swan	Won 18, lost 1, draw 3 Won League championship
GYMNASTICS	Dr. H. D. Whittle	Paul Rothe	Intercollegiate meets—Won 3, lost 3 P.N.W. meet at Como Lake—2nd (Jr. division) —3rd (Sr. division) P.N.W. meet at Seattle—2nd
ICE HOCKEY	Dick Mitchell	Peter Dmitruk	Won 1, lost 4 Lost Hamber Cup to U. of Alberta, 4-9 and 2-6
RUGBY	Dr. Max Howell	George Zebroff	Won 14, lost 4, draw 2 Won Miller Cup Lost World Cup to U. of California, lost 3, draw 1
SAILING	Bruce Taylor	Gerald Coleman	Intercollegiate meets—Won 4, lost 1
SKIING	Al Fisher	Bob Miller	Meet at Rosslund, B.C.—UBC 7th, J. Platt 3rd International meet at Banff, Alta.—UBC 6th U.S. National Alpine championships— J. Platt—4th—Men's Combined
SOCCER	Frank Kuruc	Sid Brail	Won 17, lost 5
SQUASH	None	Chris Scott	Inter-Club matches—Won 2, lost 4
SWIMMING	Peter Lusztig	Bill Young	Won 4, lost 7 Won W.C.I.A.U. championship
TENNIS	Paul Willey	Dave Wales	Won W.C.I.A.U. championship (Spring schedule in progress)
VOLLEYBALL	Frank Kuruc	Andy Van Heukelon	Won 31, lost 28 3rd—W.C.I.A.U. championship
WEIGHTLIFTING	John Minichiello	Ian Chang	R. Murakami, Rabinovitch, W. Woo and R. Shatzko established new records this year.
WRESTLING	Paul Nemeth	Keith Casperson	Won 2 meets, lost 0 2nd—W.C.I.A.U. championship

U.B.C.'s TOP STUDENTS—1960



Some of the heads of the 1960 graduating class are shown in the panel above. They are, top row, left to right, **Michael C. L. Gerry**, Governor-General's Gold Medal in Arts and Science; **Ray Watkins**, the Wilfred Sadler Memorial Gold Medal in Agriculture; **Christopher R. James**, the Association of Professional Engineers Gold Medal in Applied Science; **John N. Lyon**, the Law Society Gold Medal and Prize in Law; second row, left to right, **James Douglas Jamieson**, the Hamber Gold Medal and Prize in Medicine; **Stewart C. Clark**, the Horner Gold Medal for Pharmacy; **Kenneth D. Winslade**, the Canadian Association for Health, Physical Education and Recreation Prize in Physical Education; **William J. Revel**, the H.R. MacMillan Prize in Forestry and the Canadian Institute of Forestry Medal; third row, left to right, **Stephen Homoky**, special prize, head of the graduating class, Sopron Division, Faculty of Forestry; **Glenys Margaret Dirom**, special prize, head of the graduating class, School of Home Economics; **Peter Batchelor**, the Royal Architectural Institute of Canada Medal in Architecture, and **Mrs. Margaret Helen Kent**, the Dr. Maxwell A. Cameron Memorial Medal and Prize in Education (elementary field). Not shown are **David Wade Henderson**, who received honourable mention for the Governor-General's Gold Medal; **Michael J. Brown**, winner of the University Medal for Arts and Science and the Rhodes Scholar; **Richard L. Richards**, the Kiwanis Gold Medal and Prize in Commerce; **Patricia York**, honourable mention in education (elementary field); **Barbara M. Scott**, the Dr. Maxwell A. Cameron Memorial Medal and Prize in Education (secondary field); **Mrs. Renate Varwig**, the Moe and Leah Chetkow Memorial Prize in Social Work (master's degree), and **Leslie Robert Gue**, the British Columbia Association of Social Workers Prize in Social Work (bachelor's degree).

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THE FACULTY

The president of the University of British Columbia, **Dr. N. A. M. MacKenzie**, and **Dr. John F. McCreary**, dean of the Faculty of Medicine, have been named members of the National Committee for the Control of Radiation Hazards, formation of which was announced February 26.

Dr. MacKenzie was among the honorary presidents named at the 13th annual meeting of the Canadian Save the Children Fund, of which Senator Cairine Wilson is president.

Dr. MacKenzie was the recipient of an honorary degree of doctor of civil law conferred by the University of Saskatchewan at their annual convocation, May 13, when he also delivered the address to the graduates.

John H. Young, B.A., M.A.(Queen's), Ph.D.(Cantab.), has been appointed head of the department of economics and political science. He will take up his duties July 1.

Dr. Young, who was born in Victoria, spent a short time at Victoria College in 1938 before taking a position with a bank. In 1940 he joined the R.C.A.F. and served as a flying instructor, examining officer and chief flying instructor in training command. He retired as a squadron leader in 1945 and after a winter at Victoria College went to Queen's University to study political science, and to Cambridge University to study economics on a Beaver Club scholarship.

On his return to Canada Dr. Young spent the next two years as an economist in the joint intelligence bureau of the department of national defence, then joined the staff of Yale University where he reached the rank of associate professor in 1958. For the past year, Dr. Young has been in Great Britain and Europe on a Stimson grant to do a study of post-war commercial policy in Europe. He is now preparing a book which offers an extended analysis of the theory of commercial policy and applies this theory to the events of the post-war world.

Dr. Young has made an intensive study of Canadian economic development and was invited to prepare a study on Canadian commercial policy for the Royal Commission on Canada's Economic Prospects.

Canada Council has awarded short-term grants to **T. L. Matuszewski**, B.Sc., (Econ.)(London), and **A. Milton Moore**, B.A.(Queen's), A.M.(Chic.), to attend the Institute for Economic Research at Queen's University. Grants in aid of research have been awarded to **D. Evan Davis**, M.M.(Northwestern), Ed.D.(Oregon), of the department of music, to study the fine arts in eastern Europe; **C. W. J. Eliot**, M.A.(Toronto), of the department of classics, to study Kleisthenes in Athens; **Frank C. Langdon**, A.M.(Harvard), Ph.D.(Calif.) of the department of economics and political science, to study Japanese industrial ownership in Tokyo; and **Philip Pinkus**,



Elmer Scheltgen, B.A.'55, instructor in the department of physics, has been awarded one of eight predoctoral fellowships for 1960-61 in the Indiana University training program in microbiology. The purpose is to broaden the education of promising graduates already specialists.

B.A.(Toronto), Ph.D.(Mich.) to study satire in English literature in London.

The Nuffield Foundation has awarded 13 grants to Canadian scholars, three of them at U.B.C.; **R. M. Clark**, B.A., B.Com.(Brit.Col.), A.M., Ph.D.(Harvard), to study the new British contributory pension scheme with graduated benefits; **Blythe Eagles**, B.A.(Brit.Col.), M.A., Ph.D.(Toronto), dean of the Faculty of Agriculture and professor of dairying, to study farming; and **Robert John Gregg**, B.A.(Q.U.B.), of the department of Romance studies, to spend a year investigating Scots-Irish dialects.

George S. Allen, M.A.Sc.(Brit.Col.), Ph.D.(Calif.), dean of forestry, and **H. R. MacMillan** professor of silviculture, attended the annual meeting of the Ontario Professional Foresters. The Association adopted a code of ethics for professional foresters.

Cyril Belshaw, M.A.(New Zealand), Ph.D.(London) of the department of anthropology, has been elected to the board of the Vancouver chapter, B.C. Epilepsy Society. Dr. Belshaw was also elected president at the recent annual meeting of the Faculty Association. Other members of the executive are: **Dr. D. T. Kenny**, psychology, vice-president; **Dr. P. R. Robert**, Romance studies, secretary; **Prof. F. K. Bowers**, electrical engineering, treasurer; **Prof. C. B. Bourne**, law, and **Dr. Peter Remnant**, philosophy, members-at-large.

J. E. Bier, B.Sc.F., M.A., Ph.D.(Toronto), of the department of biology and botany, attended the meeting, May 27 to June 3, of the International Union of Forest Research Organizations in Scotland where forest areas between Inverness and Aberdeen were studied. Dr. Bier also attended the last meeting held in the Netherlands in 1954. While overseas, he will visit various forest research institutes throughout Europe.

The Rev. John Blewett, B.A., B.D., registrar and dean of residence, has been appointed principal of the Anglican Theological College of British Columbia, which is affiliated with the University. **The Rev. Canon David Somerville**, B.A. (Brit.Col.), B.D., curate of St. James, will be the new dean of residence effective September 1.

D. A. Clarke, M.D.(Western Ontario), director of the South Okanagan Health Unit and secretary of the union board of health for the area, has been given a teaching fellowship in the department of preventive medicine in the Faculty of Medicine. His year's post-graduate work will include studies in the fields of pediatrics and prevention of accidents.

Harold M. Covell, B.A.(Sask.), B.Ed. (Man.), Ed.D.(Florida), of the College of Education, will give a paper on "Multilevel reading materials" at the second Canadian Conference on Reading, to be held in Toronto June 30-July 2.

George F. Curtis, Q.C., LL.B.(Sask.), B.A., B.C.L. (Oxon), LL.D. (Dalhousie, Saskatchewan), D.C.L. (New Brunswick), dean of the Faculty of Law, has returned from the 86-nation Law of the Sea conference held in Geneva. A member of the 5-man Canadian delegation and its legal adviser, Dean Curtis had worked eight years to prepare the Canadian case.

Raymond G. Herbert, D.F.C., B.A., LL.B.(Brit.Col.), of the Faculty of Law, was chairman of the conciliation board in recent wage negotiations between the city and the Civic Employees Union.

F. Henry Johnson, M.A.(Brit.Col.), D.Paed.(Toronto), director of elementary education in the College of Education will be teaching summer school at Macdonald College, McGill University, as visiting professor of education.

Frederic Lasserre, B.Arch.(Toronto), F.R.A.I.C., A.R.I.B.A., F.R.S.A., F.I.A.L., director of the school of architecture, will attend a meeting in Montreal of the Associate Committee on the National Building Code and Conference of Building Officials, and in Ottawa of the R.A.I.C. standing committee on building and architectural research.

W. Opechowski, Mag.Fil.(Warsaw), professor of physics, has been elected a Fellow of the Royal Society of Canada.

J. Lewis Robinson, B.A.(Western Ont.), M.A.(Syacuse), Ph.D.(Clark), head of the geography department, will teach at the Edinburgh University summer school, and in August will attend the International Geographic Union congress in Stockholm as one of the five Canadian delegates.

R. D. Russell, M.A., Ph.D.(Toronto), attended by invitation a conference on geochronology of rock systems sponsored by the New York Academy of Sciences. Dr. Russell has also been invited by Professor J. C. Jaeger to spend a month at Canberra in June to help him on certain problems in his geophysical laboratory. After visiting geophysical institutions in Japan, Israel, Hungary and Russia he will attend the 12th assembly

of the International Union of Geodesy and Geophysics as a member of the Canadian delegation. He will return to Canada after a brief stay at Oxford.

J. Harry G. Smith, B.S.F.(Brit.Col.), M.F.,Ph.D.(Yale), of the Faculty of Forestry, has been appointed editor of **The Forestry Chronicle**, a quarterly published by the Canadian Institute of Forestry.

Kurt Weinberg, M.A.(Trinity College, Hartford), Ph.D.(Yale), of the department of Romance studies, has been awarded a Guggenheim fellowship, which he will use for research on a 19th century French poet.

NEW GARDEN

An authentic Japanese garden, complete with tea house, Japanese bridges and a series of small lakes covering almost an acre, was opened at the University on May 3.

A Japanese landscape expert, Kanno-suke Mori, has lived at U.B.C. for more than a year planning and supervising construction of the three-acre garden which is intended as a symbol of Japanese-Canadian goodwill. Everything in the garden, from entrance gate to the rocks over which an artificial waterfall tumbles follows generations of tradition established by Japanese landscape artists.

Dr. John Neill, director of landscaping, says Japanese gardens are meant to be replicas of nature brought down to human scale with the rocks representing mountains and the trees forests. The project will be an integral part of the U.B.C. botanical garden, says Dr. Neill, and a valuable teaching aid for students interested in plant science.

Dr. Mori, the garden's designer, searched B.C.'s lower mainland for weeks before finding the exact shape and colour of rock for the waterfall. He finally located what he wanted near Harrison Hot Springs. The doll size tea house in the garden is a gift from the Kajima Construction Company of Japan who also sent two carpenters to assemble the building which will contain scrolls, vases and utensils for use in the traditional Japanese tea ceremony.

Interested Japanese businessmen and members of the Japanese-Canadian Citizens' Association have contributed about \$25,000 in money and items which are included in the garden. In addition to the tea house, contributions which have come direct from Japan are an authentic entrance gate, a garden shelter and hundreds of trees and shrubs. A master flower-arranger and a master instructor in the tea ceremony were sent to demonstrate their arts during the opening ceremonies.

The garden, located on Marine Drive opposite President N. A. M. MacKenzie's home, will be called the Dr. Inazo Nitobe Memorial Garden, and the largest of seven stone lanterns in the garden has a plaque on it in his memory. Dr. Nitobe, a Japanese internationalist, was a former secretary-general of the League of Nations. He died in Victoria, B.C., in 1933 while on a speaking tour.



Miss Jeri Wilson, left, of Kelowna, secretary of the 1960 graduating class at the University of British Columbia, presents a cheque for \$3500 to UBC's president, Dr. Norman MacKenzie. The cheque is a gift from the graduating class to the UBC library for the purchase of research material. At right is David McGrath, president of the graduating class.

THE LIBRARY

The 1960 graduating class of the University of British Columbia has come to the aid of the current campaign to raise funds for the U.B.C. library.

A cheque for \$3500, presented to President N. A. M. MacKenzie, will be used to purchase research material for the new division of special collections in the U.B.C. library. The Friends of the Library, an organization formed in 1956 to encourage support for U.B.C.'s library, is currently conducting a campaign to raise \$50,000.

The graduating class cheque was presented to President MacKenzie by David McGrath, president of the 1960 graduating class, and Miss Jeri Wilson, class secretary. "The gift," said Mr. McGrath, "is a token of appreciation from the graduating class for the help that was received from the library staff during our years as undergraduates."

U.B.C.'s librarian, Neal Harlow, said the gift would be used to purchase research material as it becomes available. "Such material," he added, "is vital if we are to have a first class library and expand our offerings in the field of graduate studies."

The campaign to raise funds for the library is in line with a recommendation made by librarian Neal Harlow in his annual report to the senate for the 1958-59 term. In his report Mr. Harlow said that non-University funds for the acquisition of special materials should be actively sought from outside sources, preferably on an annual basis.

Funds collected during the coming appeal will be used as a reserve to purchase special material in a given area or used as opportunities to acquire materials occur. Mr. Harlow said alumni, library-

mindful friends and users, industries and firms, organizations and clubs and interested persons in and outside the province would be quietly approached.

"We are not planning to ring doorbells or make a noisy appeal," Mr. Harlow added. "Annual grants will be emphasized in order to assure that important research collections can be picked off for graduate use here whenever they appear." U.B.C. alumni will be urged to contribute to the fund by earmarking their gifts to the Alumni annual giving program.

Mr. Harlow said the U.B.C. library can reach major league status only if there is continuing support. "This year we stand third in size in Canada, second in rate of growth and first in expenditures on collections," he said. This contrasts sharply with our position in the North American field, Mr. Harlow continued, where we are 65th in size, 40th in annual growth rate, and 29th in funds for book purchases. U.B.C.'s library can only be described as "middling" if it is compared to libraries at 110 other North American institutions, Mr. Harlow added.

Further information regarding the campaign can be obtained from the University librarian, the Alumni Association or from Mr. Kenneth Caple, president of the Friends. All gifts made to the appeal are tax-deductible.

ACQUISITIONS

The University of British Columbia has been able to add an outstanding collection of Indian artifacts to its anthropology museum as a result of a donation from Dr. H. R. MacMillan.

The collection consists of 185 items amassed by the late Reverend William



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E. Collison, who died in 1944 at the age of 70 after serving as Indian agent and missionary in the Queen Charlotte Islands and Prince Rupert area for more than 40 years. Dr. MacMillan donated \$10,000 to the University for the purchase of the collection from Mr. Collison's daughters, Miss Joyce Collison and Mrs. A. M. Budinich, both of Vancouver.

James Garner, curator of U.B.C.'s anthropology museum, says there are a number of items in the collection which would be difficult to duplicate anywhere. All the items in the collection are from the Haida and Tsimshian cultures of northern B.C. "This is a collection of particular value to U.B.C.," Mr. Garner said. "because up to now we have had very little material representing these northern tribes."

The rarest item in the collection is a dance shirt made from pieces of Chilkat blankets which were cut up and given away at Indian potlatches. The individual who could acquire enough pieces to make a complete shirt would be regarded as enormously wealthy, Mr. Garner explains. He added that to his knowledge there are no other examples of such a shirt anywhere.

Other valuable items in the collection include several eating dishes, each carved from a single piece of wood, and 12 argillite carvings by the Haida Indians of the Queen Charlotte Islands. Argillite is a heavy, black, shale-like substance found only in the Queen Charlottes. Half the carvings are totems ranging in size from one to two feet in height. Other unique pieces are eating dishes inlaid with

mother of pearl and a pedestal bowl which depicts an Indian shaman, or priest, riding on the back of a flying raven.

U.B.C.'s president, Dr. N. A. M. MacKenzie, paid tribute to the generosity of Dr. MacMillan in contributing the funds necessary to purchase the collection. "Across the years Dr. MacMillan has been a good and generous friend of the University," Dr. MacKenzie said. "His rich and varied experience in the forest industry, his wisdom and his good counsel have been of great value to me in directing the growth and development of the University."

NEW PROGRAM

The first full-time undergraduate program in Canada to train students for work in the field of recreation will start in the school of physical education at U.B.C. in September, President N. A. M. MacKenzie has announced.

The Senate has authorized the school to change its name to the school of physical education and recreation, the president said.

Object of the new program will be to train "general practitioners" in the field of recreation, according to Professor Robert Osborne, director of the U.B.C. school. "There are now more than 275 recreation commissions in B.C. alone," Prof. Osborne said, "and there is a need for trained people to develop community programs."

Students will take about 20 per cent of their course work in professional recreation and the balance in the social sciences. All will be required to take a fundamental course in either music, drama or art.

"In this way," Prof. Osborne said, "we will turn out students who will understand the cultural as well as the athletic resources of the community and will appreciate the significance of all leisure time activities."

Field work for the new program will be carried out in cooperation with the Vancouver board of parks and recreation.

There are few other campuses in North America which have such a wide variety of resources for carrying out such a program, Prof. Osborne said. "We conceive of recreation as being much broader than just programs of sport and U.B.C. will provide us with a unique laboratory for training students," he said.

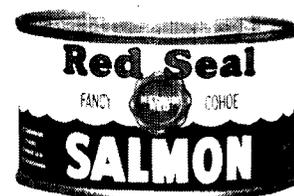
STUDENT NEWS

By MARK DANIELS
A.M.S. Public Relations Officer

The hectic exam period is over for most of the students attending the 1959-60 academic session at U.B.C., and the campus has slipped into a state of relative quiet until the summer school opens in June. The last month or so of the spring term has been devoted almost entirely to pre-exam studies and most other activities were pushed into the background.

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As a result of the recent deplorable treatment of South African negroes, the students' council at U.B.C. sent a formal protest to the government of South Africa condemning not only the principle of apartheid, but also the murderous methods used to enforce this policy. It was felt that this action could be most strongly supported by a more tangible protest and consequently the students' council is presently attempting to establish a scholarship for a South African negro student.

The scholarship, if possible, will be used to bring a student to U.B.C. for one complete year of study, and will include all transportation, tuition, and living expenses. If such a plan is not feasible due to the policies of the South African government then the scholarship will alternatively be established within the Union of South Africa.

Funds are presently being solicited from service and labour organizations as well as private individuals within the province. The students themselves will put up some \$500 and it is hoped the much needed outside contributions will make up the additional \$1000 required.

Another fund raising campaign which took place recently on campus was in aid of the victims of the Agadir earthquake disaster.

In answer to an urgent plea from the Moroccan Students Association, requesting both funds and medical supplies, a drive was held in late March to try and aid the earthquake-torn population of the Agadir area. Contributions as a result of the one hour "blitz", supplemented by Students' Council, amounted to nearly \$500.

The Spring general meeting of the A.M.S. was held with the usual commotion caused by the engineers. The end result was that all but three of the nimblest male members of the newly installed students' council were dunked in the lily pond.

Despite the post-meeting clowning many important issues, including the separated housing question, were put before some 2000 members of the student body.

In addition to granting the rowing crew funds, the students gave unanimous approval to a motion to try and reserve the site presently occupied by the temporary medical huts for a new student union building. The building will, however, probably not be erected for a number of years.

The rowing crew has received a grant of \$3000 from the students of the University to aid in the purchase of equipment required to train for the coming Olympics.

NEW DEPARTMENT

One of Canada's most distinguished dermatologists, Dr. Donald H. Williams, has been appointed head of a new department of continuing medical education at U.B.C. The president, Dr. N. A. M.



Dr. Leonard Mitchell (right) vice-president of the Canadian pharmaceutical firm of Frank W. Horner Ltd., visited U.B.C. recently to present a plaque which will hang in a room in the \$3,000,000 campus medical development now under construction. The firm makes an annual donation of \$500 to the department of pharmacology for the purchase of journals. Accepting the plaque is Dr. James Foulks, head of U.B.C.'s pharmacology department.

MacKenzie, said the new department would start operations on July 1 as a joint program between the faculty of medicine and the University extension department.

Dr. Williams will give up his Vancouver practice to head the new department, according to Dr. J. F. McCreary, dean of the faculty of medicine at U.B.C. "We naturally count ourselves very fortunate to have obtained the services of a man of Dr. Williams' calibre to head this new project," Dr. McCreary added.

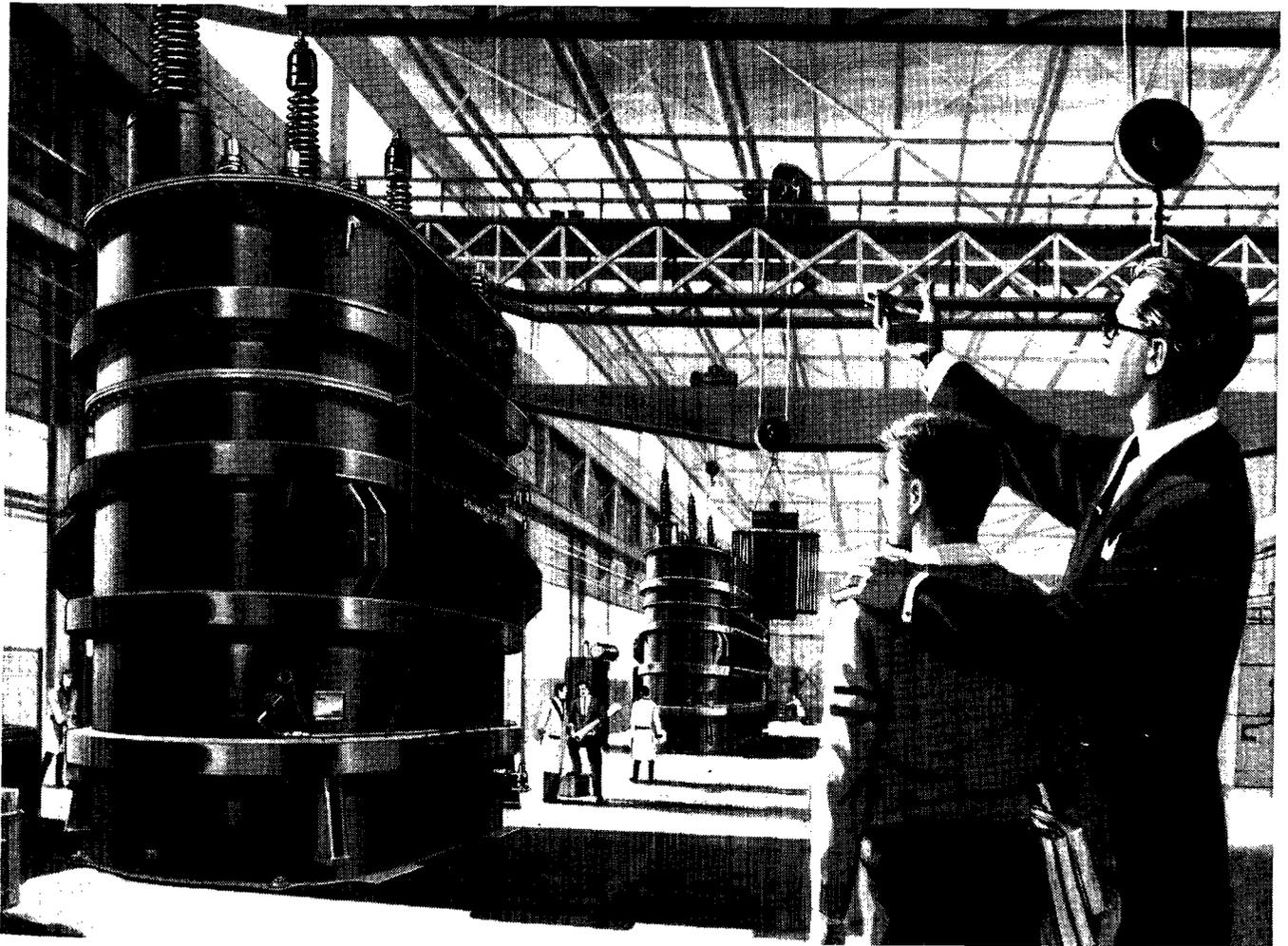
The purpose of the new department will be three-fold, Dean McCreary said. Its first task will be to work with various medical organizations to expand and coordinate the courses available for practising physicians. A second function of the department, Dean McCreary said, would be to attempt to improve internship and residency training programs by working with the hospitals involved. Finally, Dean McCreary said, the department would establish multi-discipline courses to prepare doctors for advanced degrees in medicine.

Dr. Williams' first task, Dean McCreary said, would be to visit a number

of universities in the United States where successful departments of continuing medical education have been established. Dr. Williams has been associated with U.B.C. since 1940 as a lecturer in preventive medicine, education and social work. He was appointed clinical associate professor in the U.B.C. medical school when the Faculty of Medicine was formed in 1950.

He is a graduate of the University of Manitoba, where he received the degrees of bachelor of science and medicine in 1931, and the University of Minnesota, which granted him the degree of master of science in 1937. Dr. Williams had a brilliant undergraduate career, winning the Isbister scholarship for the highest aggregate marks in medicine at the University of Manitoba in each of his undergraduate years.

On graduation Dr. Williams was awarded the University gold medal for the highest standing in the first four years in medicine at Manitoba and the Chown Prize and Gold Medal in both surgery and medicine. Following his graduation he lectured at Manitoba, the University of London and Johns Hopkins



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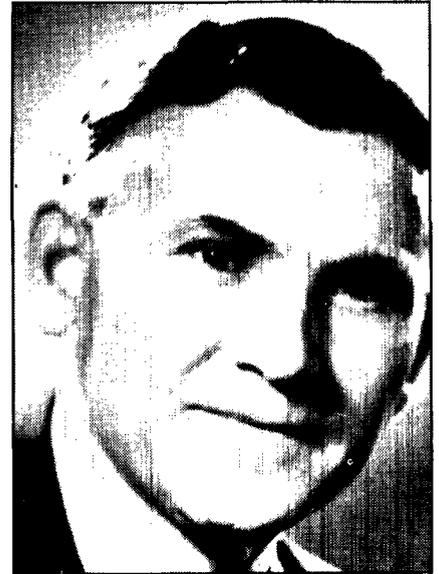
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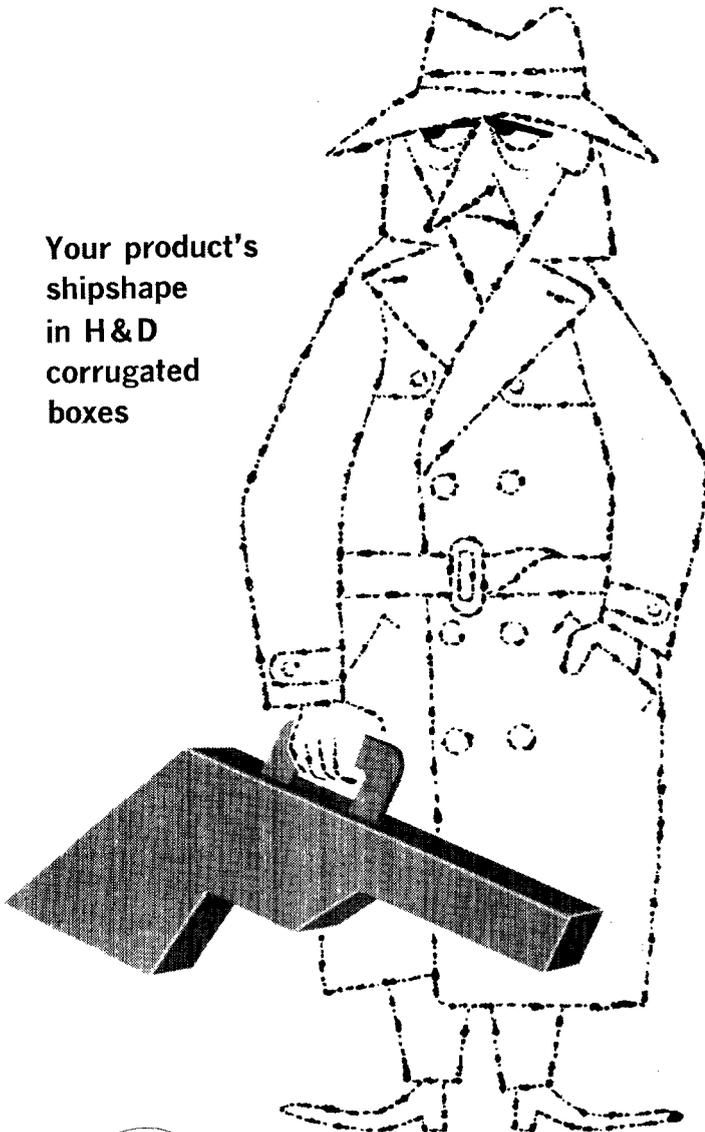


Dr. Donald H. Williams

University before going to the University of Minnesota on a Mayo Foundation Fellowship.

During World War II Dr. Williams was a lieutenant-colonel in the Royal Canadian Army Medical Corps and acted as director of the National Venereal Control program for all the armed forces.

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GRANTS

The B.C. Electric has made a grant of \$15,000 a year to U.B.C. for the establishment of a professorship in the department of electrical engineering. President N. A. M. MacKenzie, in announcing the grant, said the board of governors had expressed their thanks to the company for their continued support of research at U.B.C.

A condition of the gift, the president said, is that the professor appointed to the chair shall have sufficient time free from teaching duties to direct graduate studies and initiate and engage in an active research program in the field of electrical engineering. The grant will be reviewed after the first three years.

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Professor Frank Noakes, head of the electrical engineering department, said the chair is being established in recognition of the role that research plays in industrial development. Prof. Noakes said the development would make possible expansion in both the graduate teaching program and research into basic electrical engineering problems.

Dean David Myers, head of the Faculty of Applied Science, said the generous grant would enable the department to attract a man of outstanding attainments to occupy the new chair. Dean Myers said the appointment would have far-reaching significance for industry in British Columbia. "The grant," he said, "is recognition of the fact that major developments in engineering arise from research in universities and the quality of graduates coming from Canadian engineering schools." New industry, in particular, will benefit, Dean Myers said, since the mutual exchange of information between universities and industry makes fertile ground for invention.

Artist Molly Boback, standing, toured the province recently for the extension department giving instruction to amateur painters in more than a dozen centers. At right she is shown giving tips to Dora Chamberlain in Port Alberni. Extension department officials said the project was one of the most successful ever carried out.



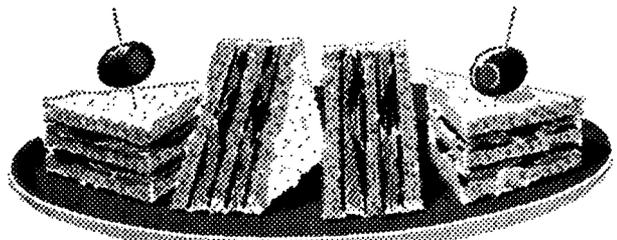
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NO NEWS IS GOOD NEWS

By **DAVE BROCK**

Forty years ago, Professor Sir Walter Raleigh said that the style of most American text books is so outrageous, you cannot see the thoughts for the weeds. This savage and unfair attack has provoked a reply from Dr. George Helix, Dean of Values and Professor of Special Prose at Sunken Mountain University, North Dakota. In our next issue we hope to devote a whole article to the inalienable right of college professors and their students to use whatever prose seems fanciest to them, especially in the realms of sociology, psychology, journalism, advertising, politics, art, and educationism . . . otherwise known as the Seven Lamps of the Virgin Mind.

In this article we will frequently back our arguments by references to Dr. Helix's wonderful book, "Helix's Critique of Pure Cant." But in the meantime we urge such graduates as can read at all to buy the book for themselves, and not wait to see it summarized on television or in the Pre-Digest. It is the most rewarding, exciting and soothing work to come from Dakota in many a week. Con-

sider, for example, Dr. Helix's patient reply to the obstreperous Raleigh: "Weeds? The richer the soil, the more you will observe the plentitudinousness of the indigenous flora. The ever-richer soil of the college mentality has induced a proliferation of concepts, and of a special language in which to express them. We might well call this the Carboniferous Age of the Intellect. Certainly, some of these weeds will die down, but they will turn into mental coal and petroleum, giving light and heat to the future." Hats off to Helix! Yay, team!

BAD NEWS FOR BERENSON

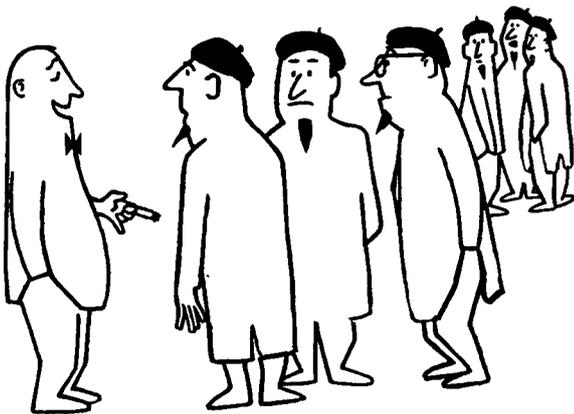
The late Bernard Berenson declared last year or so that there is really no such thing as folk art, in any sense that need be taken seriously. What is called folk art is merely a series of increasingly degenerate copies of older works by gifted individuals. This outrageous theory was refuted by a unanimous vote of no confidence in Berenson, passed by the University Hill Folk Lovers Workshop. A further vote, also unanimously folk-voiced, declared it to be the Workshop's belief that Berenson himself had never existed as an individual.

BROKEN RHYTHM

Investigators at Point Roberts College have discovered that many students are dancing only four or five nights a week. "It is the irregularity of this pattern which disturbs the students," said Dr. Janus P. Quagmeyer, Dean of Co-ordination. "Dancing itself does nothing but good. It teaches people to get along together, which is the greatest good of all. Also, it envelops the healthy mind in a healthy body. But if they could only dance seven nights a week, this would make for a smooth, steady, unbroken rhythm and a sense of security."

SAVANT RAPS HYPOCRITES

"Underseas exploration by geologists, zoologists, and other seachers who are only doing their duty . . . that is one thing," said Dr. Dexter J. Manifold, head of the school of Sunken Studies at Eastwestern U. "But to call anything down there interesting and beautiful and weird, just because it is under water . . . this is faddish hypocrisy. I know plenty of things that are much admired while submerged, and yet if their admirers saw the same things on dry land they would merely yawn. Something very fishy is going on."



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Armstrong—R. B. Knowles, B.A.'50, B.E.D.'58, Box 263.
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