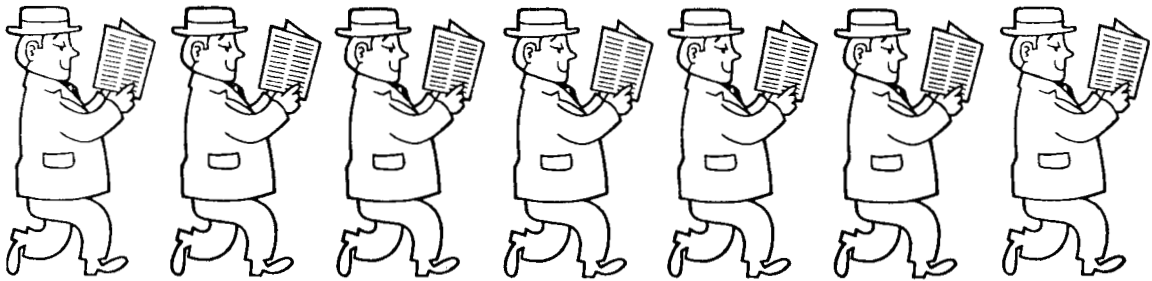


THE U.B.C. ALUMNI CHRONICLE

VOLUME 14, NO. 4

WINTER, 1960

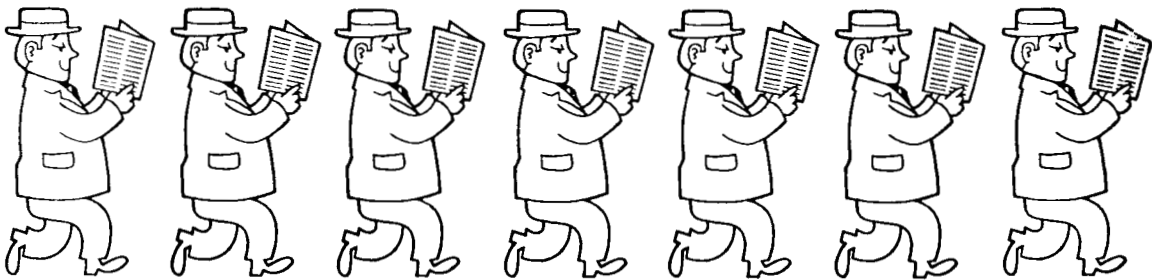




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CONTENTS

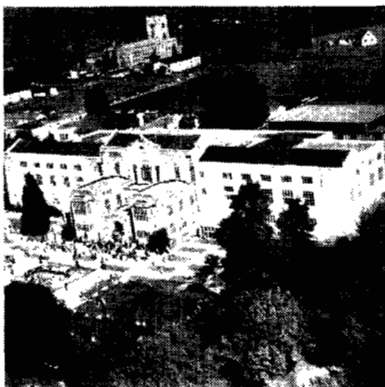
Alumni News

- 4 Homecoming—1960
- 6 The Tours of Two Presidents
- 7 Alumnae and Alumni
—By Frances Tucker

Features

- 12 The University Library
—A special section to mark the opening of the Walter C. Koerner wing of the University library. The section, which runs from pages 12 to 21, outlines the services available in the library.
- 22 Another Triumph for the Thomases
- 24 More College English
—By David Brock
The section entitled "The University" begins on page 26. Articles on the faculty, student news and the regular Sports Summary will be found in this section.

VOLUME 14, NO. 4



WINTER, 1960

COVER

Ceremonies to mark the opening of the new Walter C. Koerner wing of the University library were held October 27 in conjunction with fall congregation. A special supplement on pages 12 to 21 of this edition describes the opening ceremony and the services available in the revised and enlarged version of the library.

U.B.C. ALUMNI CHRONICLE

Editor: James A. Banham, B.A.'51

Assistant Editor: Frances Tucker, B.A.'50

Published quarterly by the Alumni Association of the University of British Columbia, Vancouver, Canada.

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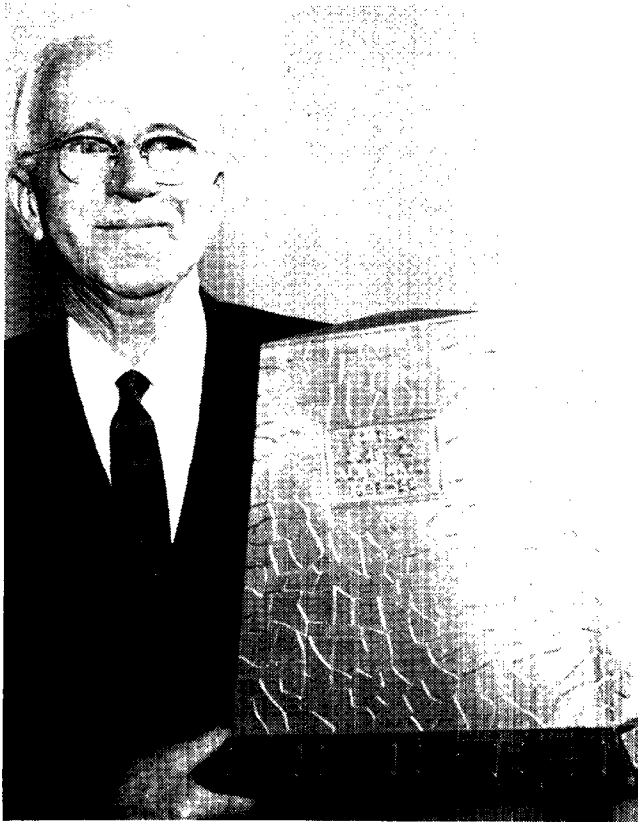
ALUMNI SENATE APPOINTEES: Nathan T. Nemetz, Q.C., B.A.'34; Norman Hyland, B.Com.'34; Mark Collins, B.A.,B.Com.'34.

EX OFFICIO: Branch presidents; A.M.S. president, J. David N. Edgar, 2nd Law; Students' Council representative; graduating class president, J. David A. McGrath, B.A.'60.

EDITORIAL COMMITTEE: Chairman, W. C. Gibson, B.A.'33, M.Sc., M.D., Ph.D.

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Great Trekker award, top prize awarded by students during homecoming, went to Harry T. Logan, former head of the department of classics and editor of the Alumni Chronicle, above. Award is given to outstanding individual who has made lasting contribution to University life. Below, Dean Geoffrey Andrew does the honours by crowning Jane Spratt, who was engineer's candidate, as queen of the 1960 homecoming.



Happy class of 1950 members gathered in Brock Hall for their reunion. Shown are Don Lanskuil, left, dinner chairman; Mrs. Kay (MacDonald) Pail, and Victor J. Hay. Growing popularity of class reunions is due to energetic alumni committee headed by home economics graduate Miss Anne Howorth.

GALA 1960

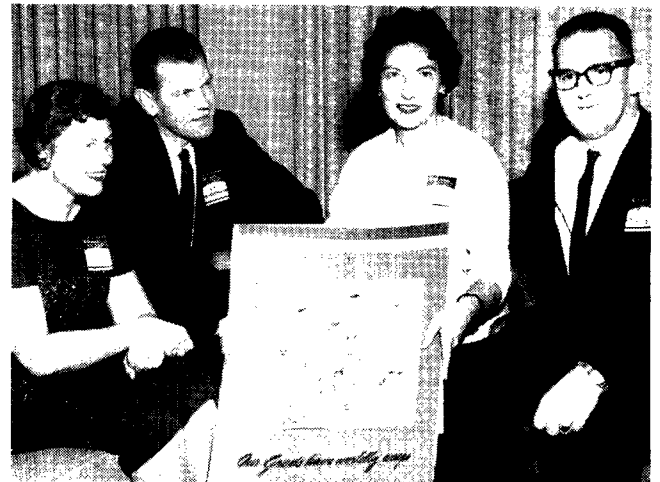
"The best ever."

That was the way graduates reacted to the Alumni Association's 1960 Homecoming celebrations held October 28 and 29 in conjunction with fall congregation.

Graduates got intellectual stimulation from a speech by British Museum director Sir Frank Francis, who came for an honorary degree, and from three well-attended panel discussions on athletics, Canadian standards of scholarship and the future of universities.

After a lunch of barbecued chicken graduates trooped to the stadium where they saw the Thunderbirds defeat Saskatchewan 12-0 in a Western Canadian Intercollegiate

Reunion of the class of 1945 in International House was enlivened by cartoons done by Loise (White) Rhodes. Other class members shown with her are, left to right: Trudy (Livingston) Jagger, Jack Hetherington, class president; Mrs. Rhodes, and Bob Binnie, who co-chaired reunion committee.





Class of 1920, the second to graduate as U.B.C. students held their fortieth reunion in the Faculty Club. Shown left to right above are: Dr. H. L. Keenleyside, Mrs. (Beth Abernethy) Klinck, reunion dinner chairwoman; Judge Alfred H. J. Swencisky, Miss Janet Gilley and Judge Harry Colgan. Mrs. Klinck is the wife of President emeritus Leonard S. Klinck.



Old campaign banner used by U.B.C.'s present chancellor, Dr. A. E. Grauer, when he ran for president of students council was a talking point at 1925 reunion. Above, left to right, are: Arthur Laing, Bert Smith, class president; Chancellor Grauer, and Professor emeritus F. G. C. Wood, honorary class president.

HOMECOMING

Athletic Union football game. Class reunions and the annual homecoming ball followed in the evening.

The homecoming committee headed by graduate Barry Baldwin put in months of planning to make it a success.

→
Class of 1930 met in UBC's new Buchanan building for buffet dinner. Recalling student days are, left to right: Mrs. Mary (McQuarrie) Newcomb, who came to the reunion from Des Moines, Iowa; Prof. W. Robbins, class president; Mrs. Olive (McKeown) Broome, and Prof. Malcolm McGregor.



Plates at the ready the ladies' committee which planned reunion for class of 1940 prepares to eat. Left to right are: Dodie (Hutton) Edmonds, Ray (Adamson) Armstrong, Biddy (McNeill) Gaddes, Helen (Hamm) Belkin, Rosemary (Collins) Hope, and Isabel (Stott) Weston. Reunion was held in "caf."



Clustered around the 1930 Totem at reunion in Brock Hall are seated, left to right: Mrs. Marnie (McKee) Stewart, dinner chairwoman; Bern Brynelson, class president, and Mrs. Pauline (McMartin) Ranta. Standing are Mrs. Kay (Milligan) Biller and Phil Northcott.



THE TOURS OF TWO PRESIDENTS

By **ARTHUR SAGER**
U.B.C. Alumni Director

October, November and December were busy months, both on and off campus. Alumni activities at U.B.C. are reported elsewhere in the Chronicle. Here, a summary of events at branch level:

EAST

Toronto. D. F. Miller, Alumni president, and the director attended a Sunday evening get-together on October 2 at the home of Mr. and Mrs. Harry C. Campbell. A very enjoyable evening, thanks to the excellent hosts. John F. Ridington was elected president of the branch and with a new executive of "volunteers" is planning a program of future events.

Peterborough. In a short, nine-hour visit, on October 3, the director was wined, dined and entertained continuously by this well-organized 43-member branch. E. G. "Ted" Bazeley, retiring president, arranged the program—reception, dinner, evening social—while R. A. "Dick" Hamilton, new president, carried it through. This included for Mr. and Mrs. Hamilton a "seminar" on higher education until train departure at 2:15 a.m.

Ottawa. D. Wilson McDuffee stepped in for T. E. "Ted" Jackson, branch president, in arranging a lively meeting of grads at the University Club on October 4. Don Miller reported on University developments and Association activities and this resulted in a preliminary discussion of the alumni role at national level.

Montreal. At a very enjoyable luncheon meeting on October 5 arranged by Vincent Casson (and his efficient secretary), the branch was reactivated under the chairmanship of Lloyd Hobden and with a steering committee of real volunteers. There is no lack of interest in Montreal as Douglas Wright (former president, now in New York) found out as a result of a questionnaire. A meeting of the steering committee was held on October 31 and preparations are now being made for a visit by Dr. MacKenzie on December 7. Dr. Hobden is now president, Vincent Casson, secretary.

NORTH

Dr. MacKenzie toured the Peace River and Cariboo in mid-October, arrangements for the trip having been made by alumni and friends at the five centres visited. James A. Banham, Chronicle editor, and the director accompanied the president.

Fort St. John. Every hour for three evenings and two days (Oct. 8-11) was filled with events of interest, thanks to Gordon Paton, his hard-working "committee" and the hospitable people of the Peace. Receptions, church services, sight-seeing tours, dinner meeting, visits to the high school—a tight schedule that even allowed for car breakdowns! Andy Younger conducted the party on a tour of the Taylor plant, ending with a mammoth meal in the bunkhouse.

Dawson Creek. Dougal E. McFee, supervising principal of the South Peace senior high school, arranged dinners for members of the party, an evening reception, Rotary luncheon, visit to the high school, board of trade dinner, and—like Gordon Paton—personal taxi service between the two Peace River centres. George Lindsay, superintendent of the Motor Vehicle Licensing Bureau, visiting Dawson at the time, very generously provided a car and driver for the long road journey to Prince George.

Prince George. Here, on October 12, George W. Baldwin, branch president, was responsible for a full program including a visit to the high school, reception at the home of Mr. and Mrs. John Morrison—president of the board of trade—and the board of trade dinner meeting followed by coffee at the Baldwin's home. Mr. and Mrs. Morrison drove the party to Quesnel.



Newest hat owned by President N. A. M. MacKenzie was presented to him at Williams Lake during recent tour which took the president to Peace River area also. Real 10-gallon hat was presented by Mr. and Mrs. Douglas Stevenson, extreme left and right, above. U.B.C. graduate Lee Skipp, a Williams Lake lawyer stands behind the president. Man at right is Mr. Stewart Smith.

Quesnel. C. Gordon Greenwood, alumni representative and high school principal, filled the day of October 13 with a Rotary luncheon, high school visit, informal dinner, public meeting sponsored by the board of trade and an evening coffee party with alumni and friends. He also arranged transportation to Williams Lake.

Williams Lake. The final day and evening of the president's tour was very much a Stevensons' party. Doug and Anne Stevenson arranged a Kiwanis luncheon, meetings with high school teachers and students, informal dinner at their home on the lake followed by a convivial social evening with alumni and friends. And, finally, on Saturday morning, to meet campus commitments, Doug Stevenson drove the party all the way to Vancouver.

SOUTH AND WEST

Too late to announce and too early to report because of the Chronicle deadline is the tour by Don Miller, Emerson Gennis and the director in mid-November. They will attend alumni meetings at Seattle, Portland, Spokane, Kelowna, Summerland and Penticton, Vernon, Revelstoke and Kamloops from November 10th to 18th.

FRASER VALLEY CONFERENCE

Also too late and too early is the area conference on "The University and Higher Education" being planned, as we go to press, for Abbotsford on Saturday, December 3. Cec. Hacker is general convenor of a planning committee representative of all Fraser Valley communities, and Emerson Gennis, chairman of the branches and divisions committee, is board representative for this major event.

ALUMNAE AND ALUMNI

1923

Col. John H. Jenkins, O.B.E., B.A.Sc., chief of the Forest Products Laboratories of Canada, was given the honorary degree of D.Sc. by Laval University on the occasion of the annual meeting in Quebec City of the Canadian Institute of Forestry. The university's Faculty of Surveying and Forest Engineering, which is self-contained, occupies a magnificent building on their Ste. Foy site outside the city. Col. Jenkins was a member of U.B.C.'s first class in forest engineering.

A. Hugo Ray, B.A., has been named one of four new Canadian appointments to the Permanent Court of Arbitration for a six-year term. The court was established in 1899 to settle disputes between countries, and is tied in with the International Court of Justice of the United Nations.

John J. Woods, B.S.A., M.S.A.'32, has been superannuated as superintendent of the Saanichton Research Station, Canada department of agriculture.

1926

F. P. Leivirs, B.A., M.A.'31, assistant superintendent of education, Victoria, has been appointed to serve on the Yukon committee on education.

1927

Avis Pumphrey, B.A., M.A.(Chic.), director of the social service department, is the instigator of a new service in the Vancouver General Hospital which she first saw in Montreal. A V.O.N. nurse is now on the staff of the hospital and at the request of the doctor she arranges for the V.O.N. to visit the home of a newly discharged patient to show the family how to care for the patient and speed his recovery.

1928

Hugh J. Hodgins, B.A.Sc., has been elected to the board of directors of Crown Zellerbach Canada Limited. He is vice-president, timber, for the company. Mrs. Hodgins is the former **Hedwig Hillas**, B.A.Sc.'31.

1929

R. Bruce Carrick, B.A., Spokane county librarian since 1950, has been appointed Spokane city chief librarian.

W. N. Hall, B.A.Sc., president of Dominion Tar & Chemical Company Limited, has been appointed president of Howard Smith Paper Mills Limited.

1930

W/C the Rev. James Dunn, C.D., C. de G., B.A., B.D.(Knox Coll.), command chaplain of the R.C.A.F.'s Central Command, was elected moderator of the Synod of Manitoba, Presbyterian Church of Canada, in October.

1932

W. D. M. Patterson, B.A., is manager of the Vancouver office of MacLaren Advertising Co. Ltd.

1934

R. Kendall Mercer, B.Com., has been appointed Alberta district manager, steel division, for Interprovincial Steel & Pipe Corporation Ltd., with his headquarters in Calgary. His wife is the former **Dorothy Frances Allan**, B.A.'32.

OUTSTANDING GRADUATE



1925

Mrs. Frank Mackenzie Ross (nee Phyllis Gregory), D.B.E., D.St.J., D.M., B.A., M.A.(Bryn Mawr), L.L.D.'45 winner of the Great Trekker award and member of the Board of Governors of U.B.C., received the honorary degree of Doctor of Laws at the Autumn convocation of the University of New Brunswick. Her citation read in part: "Phyllis Gregory was endowed at birth with brains, beauty and a woman's instinct for economics (which is only the Greek for good housekeeping) . . . when war struck, her experience and untiring efforts averted a crisis in the sugar industry. This was the threshold of her greatest national service. Appointed administrator of two commodities, which it is neither chivalrous nor prudent to associate with the fair sex—oils and fats—she organized, conserved, and co-ordinated the supply of a vast range, from lard to printer's ink, and from beeswax to turpentine. She was the only woman to hold the position of administrator in wartime and hers was a splendid administration . . . it may be indisputably claimed that she is Canada's hostess par excellence, for she has known how to 'walk with kings nor lose the common touch'."

1936

D. R. Clandinin, B.S.A., M.S.A.'37, Ph.D. (Wis.), head of the poultry science division of the University of Alberta, was elected a director on the executive of the Poultry Science Association at the annual meeting in Davis, California.

1937

Allan P. Fawley, P.Eng., B.A.Sc., M.Sc. (Queen's), Ph.D.(Calif.), has established a consulting practice in Vancouver, after considerable experience in mine exploration and geology in northern B.C., Manitoba, Labrador, and nearly ten years in Tanganyika. He will specialize in economic geology, geochemistry, mining exploration and development, and, in particular, engineering geology.

Edward H. Maguire, B.A., for the last three years consul general in Hamburg, Germany, has been transferred to Singapore as Canadian government trade commissioner.

1938

Edwin J. Fennell, B.S.A., M.S.A.'47, is city analyst for Vancouver. His laboratory is part of the city health department, and handles work for the health, engineering and purchasing departments, the coroner's office, the attorney-general's department and the fire wardens' office, besides the sometimes spectacular work for the police department. His assistant, **Eldon Rideout**, B.S.A.'47, M.S.A.'49, is head of the laboratory's toxicological section.

Laurence F. Gray, B.A.Sc., now senior project engineer at the International Telegraph laboratories in New Jersey, spent several weeks this fall chatting to the Echo and Courier space vehicles over transmitting systems designed by himself and a colleague. Since Courier's nerve centre was conditioned to respond only to commands from the ground, the space vehicle is virtually immune to deceptive jamming. Like an obedient servant, the satellite refuses to answer to anyone but its master. And its master is Mr. Gray.

1939

Alex. B. Macdonald, B.A., was elected M.L.A. for Vancouver East in the provincial elections in September. He is a member of the C.C.F. party, and vice-president of its B.C.-Yukon section.

1940

R. G. Atkinson, B.S.A., Ph.D.(Tor.), has been transferred to the Canada department of agriculture research station at the Saanichton experimental farm on Vancouver Island. Since leaving British Columbia in 1941 for post-graduate studies at the University of Toronto in mycology and plant pathology, he has been living in Ontario.

1941

Ormond W. Dier, B.A., who has been first secretary in the Canadian legation in Helsinki, Finland, for the last three years, has been posted to Ottawa.

Mary Elizabeth Park Henderson, B.A., M.A.'43, B.L.S.(Tor.), has been appointed chief librarian at Regina College of the University of Saskatchewan.

1943

E. Isabel Beveridge, B.A., B.S.W.'47, M.S.W.(Columbia), has been appointed supervisor of rehabilitation in the British Columbia division of the Canadian National Institute for the Blind. Born in Rocky Mountain House, Alberta, daughter of a lawyer and publisher of the weekly newspaper, the Mountaineer, she

was blind from birth, and had all her schooling at the Jericho Hill school for the blind in Vancouver. After taking her BSW and a C.N.I.B. course in home teaching she went to St. Catharines, Ontario, as a home teacher with the C.N.I.B., and then to the state of Maine in a similar position. While there she won a scholarship which enabled her to take her master of social welfare degree at Columbia University. In 1954 she returned to the C.N.I.B. as director of social services in Toronto and worked there until her Vancouver appointment.

1944

Robert S. Whyte, BCom, has been appointed assistant general manager and supervisor of western branches of the Royal Trust Company with headquarters in Vancouver. Mr. Whyte joined the company at its head office in Montreal in 1955 as supervisor of pension trusts.

1945

C. S. Carroll, BA, head of the mathematics department at North Vancouver high school, will spend the next year teaching in Singapore, fulfilling promises made at last year's Commonwealth Education Conference at Oxford, England.

H. M. Ellis, P.Eng., BAsC, PhD(Cal Tech), has been appointed assistant to the vice-president, electrical design division of International Power & Engineering Consultants Limited.

Frank M. Francis, BAsC, is senior project engineer on the Canadair CL-44 aircraft. After holding senior positions with Boeing, Canadian Pacific Air Lines, and Trans-Canada Air Lines, he joined Canadair in 1955.

Leonard G. Wannop, BAsC, has been named assistant manager of the Amuay refinery where he has been serving as mechanical superintendent. Amuay oil refinery is the fourth largest in the world and is located on the Paraguana peninsula at Amuay Bay, Estado Falcon, in Venezuela. After graduating, Mr. Wannop served briefly with the R.C.N.V.R., then went to Aruba, Netherlands West Indies with the Lago Oil and Transport Co. Ltd. From Aruba he went to the producing fields in Lake Maracaibo of the Creole Petroleum Corporation, and then to Amuay refinery. Creole Petroleum Corporation is an affiliate of the Standard Oil Company (New Jersey).

1946

Richard W. Fowler, BCom, with a broker has formed the firm of Daniels & Fowler Consultants Limited with offices in Vancouver, to represent clients as their consultants and brokers in establishing for them group insurance, pension plans and business insurance upon the most favourable terms. Mr. Fowler served for thirteen years with The Travelers Insurance Company, where he was group manager.

Ranjit Singh Hall, BA, has become the first native of India to be appointed to the citizenship department. He has been named regional liaison officer for the department in Hamilton. He graduated in pre-medical sciences and psychology, and took additional courses in economics and political science. In 1947 he joined the staff of the Indian government trade commissioner's office in To-

ronto. Four years later he was posted to the Indian High Commissioner's office in Ottawa, where he has served until now.

1947

Robert D. Archibald, BSA, has been appointed vice-president and general manager of Caldwell Linen Mills Limited. He will be located at the company's head office and plant in New Iroquois, Ontario. He was formerly secretary and industrial relations manager of Dominion Textile Company.

Patrick C. Campbell, BAsC, has been appointed general manager, Eastern Hemisphere operations, with offices in England, for Williams Brothers Co.

Andrew Checko, BAsC, has been appointed district manager of Separator Engineering Ltd., with headquarters in Vancouver. Mr. Checko has specialized in filtration, industrial air handling, ventilation and dust collection, heat exchangers and pulp and paper mill equipment. He was associated with General Equipment Ltd. of Vancouver for ten years.

Earl T. English, BA, MA'50, PhD (Western Ont.), assistant clinical pathologist at Vancouver General Hospital for the last five years, has been appointed head of the hospital's new micro-chemistry laboratory.

Jack Arnold Ferry, BA, BCom, formerly western marketing director for Cockfield, Brown & Company Ltd. has been appointed to the newly created post of manager, western operations, for MacLaren Advertising Co. Ltd.

Robert E. Lloyd, BCom, BSA'48, MSA'50, is head of a new department at California State Polytechnic College, the department of agriculture business. He is the son of professor emeritus E. A. Lloyd, "the Prof", former head of U.B.C.'s department of poultry science.

Raymond Joseph Perrault, BA, running for political office for the first time, was elected to the provincial legislature for North Vancouver in the elections this September. Mr. Perrault was elected head of the provincial Liberal party last year. He will have three other Liberals with him in the legislature.

W. K. Wardroper, BCom, has been posted from the National Defence College, Kingston, to the Canadian Embassy, Helsinki.

1948

Gordon K. Goundrey, BA, MA(Tor.), of the economics department at the University of Alberta, has been sent by the United Nations to Ceylon for a year as an expert in economic planning. He has had experience as an economist in Ontario's finance department, and was also provincial economist for Newfoundland.

James M. MacAulay, BEd, MA(St. Louis), having completed his master's degree in psychology, is now dean of studies and director of the teacher-training program at Notre Dame University College, in Nelson.

Dr. Edwin Pfeiffer, MA, professor of physiology at Montana State University, joined with two Canadian nuclear physicists, Dr. Fred Kelly and Dr. George Griffiths, to advocate a permanent ban on nuclear testing before a large audience in Vancouver. The meeting was spon-

sored by the B.C. Committees on Radiation Hazards and was chaired by **Dr. Hugh Keenleyside**, BA'20, MA, PhD (Clark), LLD'45, chairman of the national committee.

John S. Tener, BA, MA'52, PhD'60, of the Canadian Wild Life Service, Ottawa presented as his PhD thesis "A study of the muskox (*ovibos moschatus*) in relation to its environment." He is the brother of **R. H. Tener**, BA'47, MA '56, PhD(London), recently appointed to the department of English, and **Gordon M. Tener**, BA'49, MS, PhD(Wisconsin), of the department of biochemistry.

Peter Culos, BCom, recently with a winery in California as manager, marketing research, has joined the advertising firm of James Lovick & Co. Ltd. in Vancouver.

Janette I. Gibson, BA, BLS(Tor.), took up her appointment as assistant librarian of the Parkland Regional Library in Alberta September 1.

Peter L. Hefher, BA, previously with the Saskatoon Star-Phoenix and the Lethbridge Herald, has been appointed chief editorial writer of The Albertan in Calgary.

Alan B. Macfarlane, LLB, was elected to the provincial legislature from Oak Bay in the September election. He is one of four Liberals elected.

James G. Noel, BA, former manager of the Upper Fraser and Sinclair Sawmills, has been appointed general manager of the southern district mills of National Forest Products, located in the Okanagan and Similkameen valleys.

1950

Donald A. Chant, BA, MA'52, PhD (London), was appointed officer in charge of the Canada department of agriculture research laboratory at Vineland, Ontario, on September 1. He has been on the staff of the Entomology Research Institute for Biological Control at Belleville since 1956.

John E. Holdsworth, BAsC, has been appointed plant manager for Canadian Park & Tilford Ltd. He joined the new Canadian distilling organization as plant engineer in 1956.

C. E. (Cec) Law, BA, interrupted his PhD studies to do research for the Defence Research Board and stayed until he joined C-I-L in April as operations research manager at head office in Montreal.

Sheila O'Connell, BA, MA(Columbia), of the Faculty of Education, U.B.C., has won a \$2500 scholarship for advanced study from Delta Kappa Gamma, international honour society for women teachers.

James M. Sandison, BA, MA'53, has been appointed an instructor in the English department, University of Saskatchewan.

1951

Gordon V. Cave Baum, BA, chartered accountant, is resident manager of the new office of Pickard, Crawford & Co., opened in Westview, B.C.

Harry C. McKay, LLB, was elected Liberal member of the legislature for Fernie in the provincial elections September 12.

A. F. Dorothy McPhillips, BA, BLS (Tor.), has been appointed chief librarian at the North Vancouver Centennial Library. Miss McPhillips, who had her own radio program as a singer before the war, took formal library training after serving as a librarian with the CWAC. Prior to this appointment she was a children's librarian with the Vancouver Public Library.

Peter Steckl, BA, AMLS(Mich.), has been appointed assistant librarian at the University of Saskatchewan. He was previously librarian with the radio and electrical engineering division of the National Research Council, Ottawa.

1952

Harvey A. Buckmaster, BSc(Alta.), MA, PhD'56, who has been lecturing and carrying on research in the physics department of the University of Alberta in Edmonton, has been transferred to the Calgary branch of the university.

Kenneth L. Burke, BA, LLB'58, is touring Canada as a foreign service officer with the department of citizenship and immigration before going to Europe as a visa attache. His brother, **Louis Burke**, BA'51, is assistant commercial secretary for Canada in Sydney, Australia.

Donald G. Irvine, BA, MA'54, is now studying the relationships between metabolic patterns and various mental illnesses, having discontinued his studies toward a PhD in biology at the University of Saskatchewan. For the past two years he has been research biochemist of the Psychiatric Research Unit at the Saskatchewan Hospital, North Battleford. The unit, consisting of a psychiatrist, psychologist, social worker, biochemist, research nurse and a laboratory technician, applies a multi-disciplinary approach to the problems of mental illness. The unit has special facilities including a study ward, an experimental therapy ward, an animal colony, and an up-to-date biochemistry laboratory geared especially to micro-techniques.

Bruce E. McKay, BCom, has been appointed sales manager, Caldwell Linen Mills Ltd., Iroquois, Ontario. He joined Dominion Textile Co. Ltd., the parent firm, in 1952.

1953

Barrie C. Flather, BA, MD'59, has been recommended for a George Medal by the Mine, Mill and Smelter Workers' Union for his recent emergency amputation of a trapped miner's arm in Britannia mine. Under hazardous conditions he crawled 50 feet through the rescue tunnel to operate with a small pair of scissors on the mangled arm.

Darrell D. Jones, LLB, has been appointed Vancouver's new deputy city prosecutor. He has been on the prosecutor's staff for seven years.

1954

Gerard George Duclos, BCom, MBA '60, has been appointed assistant professor in the Faculty of Business Administration by the University of New Brunswick.

Hugh J. G. Greenwood, BSc, MASC '56, PhD(Princeton), has been appointed to the Carnegie Geophysical Laboratory

in Washington, D.C., where he will be engaged in research on high-pressure phase equilibria.

Stanley A. Kanik, BAsc, has been appointed petroleum lands evaluation officer on the oil and gas administration staff of the resources division, northern administration branch, Department of Northern Affairs and National Resources, Ottawa.

John G. Myers, BSF, is at Northwestern University working towards a doctorate in business administration. He spent the summer in Egypt with a group of American professors who were teaching on a management training program.

J. Kenneth Ross, BA, will be setting up the first American sales branch for Cooper Widman Ltd., in New York this December.

1955

James N. Campbell, BA, MSc'57, PhD (Chicago), has been appointed to the staff of the University of Alberta as assistant professor in microbiology.

H. Ronald Hurov, BSA, agricultural officer with the department of agriculture in Jesselton, North Borneo, for the past four years, has returned to this continent to take post-graduate study in the United States. While in Borneo Mr. Hurov developed a new, cheaper method of budding rubber plants, and in the course of his duties discovered evidence of a prehistoric civilization, hitherto unknown.

Eric W. Mountjoy, BAsc, PhD(Tor.) in geology, is with the Geological Survey of Canada, doing field work during the summer in the Alberta Rocky mountains.

1956

Capt. Tony T. Baba, BAsc, with 3 Field Squadron, Royal Canadian Engineers, has been posted to Fort Churchill, Manitoba.

John D. Bossons, BA, working towards a PhD in economics and a doctorate of business administration at Harvard Business School, has been given a \$2800 Ford Foundation fellowship for 1960-61.

Lorne D. R. Dyke, BCom, for the past three years assistant commercial secretary in Athens, Greece, has been transferred to Boston, Massachusetts. He is the author of an article on advertising in Greece in the October 8 issue of **Foreign Trade**.

Robert D. Jackson, BA, has been appointed to the department of external affairs as foreign service officer I.

Hugh D. Kirk, BSA, MSA(Sask.), of Colonsay, Saskatchewan, has been appointed to the department of agriculture to be in charge of field supervision of lands administered by the department.

Roland W. Lauener, MD, has won a \$4000 Schering medical research fellowship. He is working under Dr. H. W. McIntosh in the department of medicine on assay methods of thyroid stimulating hormone.

1957

Donald N. Abbott, BA, after completing post-graduate work at the University of London Institute of Archaeology, has been appointed assistant anthropologist, Victoria Provincial Museum.

Paul Romeril, BA, having completed his post-graduate studies in Arabic and the Mid-East at the University of Istanbul, McGill Institute of Islamic Studies and Harvard, has been appointed third secretary and vice-consul at the Canadian embassy in Cairo, Egypt.

1958

Peter N. H. Brooks, BAsc, is one of two Canadians among 16 young engineers awarded a Guggenheim fellowship in fields related to the flight sciences. He will work towards his doctorate at the Guggenheim jet propulsion center, California Institute of Technology.

S. Wayne Hubble, BA (Hons.) (Oxon), Rhodes scholar for B.C. in 1958, has been appointed to the department of external affairs. He will spend the next year in Ottawa.

Mrs. David Huntley, (nee Gael Stott, BSc, MSc'59), studying post-graduate biochemistry at Oxford, has won another scholarship from the Commonwealth Scholarship Commission. **David Huntley**, BAsc'57, MASC'59, whom she married in London in June, is also at Oxford where he is studying electronics, also on a scholarship.

1959

Karl H. Dau, BAsc in engineering physics, is working towards his master's degree at the Institute of Aerophysics, University of Toronto, on a Canadian International Air Show scholarship, where he has already made outstanding contributions in the field of vertical take-off and ground-effect machines.

1960

David W. Brown, BAsc, has been awarded an Athlone fellowship for post-graduate work in electrical engineering at Imperial College, London. Mrs. Brown, the former **Catriona Downie**, BSP'59, and their baby son accompanied him.

Donald Allan Cameron, BA, winner of a Woodrow Wilson fellowship and the Beta Theta Pi Founders' Fund scholarship, is starting post-graduate studies in English literature at Berkeley, California. Mrs. Cameron (nee **Catherine Ann Warrender**, BA'60) will do post-graduate work in psychology. Mr. Cameron is the son of the late Dr. Maxwell Cameron.

David Wade Henderson, BSc, who received an unprecedented "honourable mention" as runner-up for this year's Governor-General's gold medal, has chosen a Massachusetts Institute of Technology scholarship and is doing post-graduate work in chemistry there.

C. Robert James, BAsc(Hons.), and **Donald R. McDiarmid**, BAsc(Hons.), are working towards the master's degree in the microwave field under Dr. G. B. Walker, research professor in the department of electrical engineering.

James D. Jamieson, MD, who headed his class in medicine, was one of two Canadians named to a four-year fellowship with the Rockefeller Institute for graduate studies in New York. He started there in September.

Jocelyn T. King, BHE, is with the Quebec department of agriculture as home economics director of the Quebec Women's Institutes.

BIRTHS

MR. and MRS. BRUCE S. AITKEN, BCom'49, (nee BARBARA BELL, BCom'45), a daughter, in Manila, Philippines.

MR. and MRS. R. J. BURROUGHS, BA'39, MA'43, (nee CATHERINE CARR, BA'39), a son, Michael Francis, June 1, 1960, in Seattle, Washington, U.S.A.

MR. and MRS. PETER C. CLEGG, BA'57, a son, John Clelland, October 9, 1960, in Brantford, Ontario.

MR. and MRS. MARTIN GRANGER, BA'51, (nee ONESIA CROMPTON, BA'47, MA'58), twins, Douglas Martin and Janet Marie, July 6, 1960, in Vancouver.

MR. and MRS. GEORGE KENT, BA'49, LLB'55, (MARGARET HELEN KENT, BE'd'60), a son, Paul George, August 7, 1960, in Vancouver.

DR. and MRS. H. PETER KROSBY, BA'55, MA'58, PhD(Columbia), a daughter, Kristin Marie, March 2, 1960, in New York, N.Y., U.S.A.

MR. and MRS. ROBIN B. LECKIE, BA'53, a daughter, Barbara Leigh, September 10, 1960, in Toronto.

MR. and MRS. COLIN G. McDIARMID, BA'54, a daughter, Megan Claire, July 10, 1960, in Urbana, Illinois, U.S.A.

MR. and MRS. GERRARD E. MANNING, BCom'56, (nee MEREDITH ANN LEWIS, BA'53), a daughter, Madelyn Jane, September 5, 1960, in Vancouver.

MR. and MRS. WILLIAM E. MOLYNEUX, BSA'55, (nee JEAN STIFFE, BSP'59), a son, Edmund Andrew, September 24, 1960, in Penticton.

MR. and MRS. R. CLEVELAND NEIL, BCom'57, a daughter, Sara, September 2, 1960, in Vancouver.

MR. and MRS. ALEXANDER L. (SANDY) PEEL, BCom'59, (nee MARILYN KIRKLAND, BA'57), a daughter, Laurie Ann, July 10, 1960, in Montreal, P.Q.

MR. and MRS. M. HAVELOCK ROLFE, BCom'57, (nee SHEILA MADDEN, BA'55), a daughter, Valerie Louise, October 1, 1960, in Vancouver.

DR. and MRS. WILLIAM A. WEBBER, MD'58, (nee MARILYN JOAN ROBSON, BA'56), a daughter, Susan Joyce, February 19, 1960, in New York, N.Y., U.S.A.

DR. and MRS. EDWIN P. WILLIAMS, BAsc'41, MAsc'42, PhD(Harvard), a son, James Ralph, September 12, 1960, in Calgary, Alberta.

MARRIAGES

ALLEN-PEARCEY. George Willoughby Allen to Marilyn Ruth Pearcey, BSA'60, in Vancouver.

ASHWORTH - GIESBRECHT. John Francis Raymond Ashworth, BA'59, to Frieda Helen Giesbrecht, in Vancouver.

ATKINSON-NORMAN. Glenford Thomas Atkinson, BSc'58, to Patricia Prette Norman, in Port Kells.

BAJUS-HENDERSON. Douglas William Bajus, BA'50, to Anita Louise Henderson, BA'50, BSW'54, in Vancouver.

BATTLE-HODGINS. Charles Tucker Battle, BAsc'60, to Jane Hillas Hodgins, BHE'60, in Vancouver.

BOOTH-GOUDY. John Hodgson Booth, BA'56, MD'60, to Elizabeth Goudy, BA'56, in Vancouver.

BOWKER - HAIG-BROWN. Frederic Osborne Bowker, BA'59, to Mary Charlotte Haig-Brown, BA'60, in Campbell River.

BRETALL-TURNBULL. Walter Graeme Bretall to Norah Margaret Turnbull, BA'57, in Vancouver.

BRIDGMAN - MACLEAN. Edward Donald Bridgman, BAsc'59, to Janice Katherine Maclean, in Vancouver.

BROWN - DUNNETT. Charles Jewell Brown, BA'51, to Mrs. Elsie Alene Dunnett, in Vancouver.

BROWN-FORBES. John David Warren (Jay) Brown, BCom'60, to Carolyn Forbes, in Vancouver.

BURR-SAMPSON. Lawrence Herbert Burr, BA'58, to Margaret Carole Sampson, in Vancouver.

CAMERON - GRANT. James Mark Cameron, BA'59, to Marilyn Ann Grant, in Vancouver.

CARLE-LARSEN. Ralph Connor Carle Jr. to Rita Ann Larsen, BSN'58, in Vancouver.

CAVAYE-DAVIDSON. Richard Bruce Cavaye, BCom'59, to Jeanne Siretta Davidson, BCom'60, in New Westminster.

COE-TOLHURST. John Edward Coe, BSA'54, to Shirley Elizabeth Tolhurst, in Penticton.

COOK-SHARP. Donald Charles Cook, BCom'59, to Thelma Lillian Sharp, BE'd'58, in Vancouver.

COPPING-ALBINSON. Harold George Arthur Copping, BAsc'60, to Joan Emma Albinson, in Vancouver.

COX-HOWE. Brian Douglas Cox to Pamela Mary Howe, BE'd'59, in Vancouver.

COX-MILLER. Raymond Lee Cox, BA'57, to Avril Elaine Miller, in Vancouver.

CUE-JONES. Arthur Geoffrey Cue, BA'50, BSW'53, MSW'60, to Dorene Jones, in Vancouver.

DANE-HOYLAND. Michael M. Dane to Barbara Frazer Hoyland, BA'59, in Coeur d'Alene, Idaho, U.S.A.

DICK-HALE. Charles William Dick, BA'59, to Gwendolyn Mary Hale, BE'd'60, in Vancouver.

DICKENS-TRENCH. Robin Blakeway Dickens, BSF'52, to Bridget Wray Trench, in London, England.

DODD-SACKETT. William Alan Hamilton Dodd, MD'60, to Suellen Sackett, in Vancouver.

DURRANT-SHEARMAN. Wilfred Leslie Durrant to Jacqueline Shearman, BPE'49, in Victoria.

ELTHERINGTON - LEFEVER. Lorne George Eltherington, BA'57, to Diane Joan Lefever, in Vancouver.

EMERY-ALDEN. Edward Howard Alan Emery, BA'55, to Rosemary Selma Alden, BA'55, BSW'56, in Vancouver.

ENGLESBY-MacLEAN. Ralph Eldon Englesby to Mary Elizabeth MacLean, BA'57, in Penticton.

ESTRIN-KURTZ. Teviah Louis Estrin, BCom'59, to Rebecca Isabell Kurtz, in Vancouver.

FAY-OATES. George Robert Fay, BCom'59, to Wendy Kathleen Oates, in Vancouver.

FINNIGAN-KUDINA. A. P. Finnigan to Irene Agnes Kudina, BA'59, in Vancouver.

FRASER-FINDLAY. John Allen Fraser, LLB'54, to Catherine Rose Findlay, in Carleton Place, Ontario.

FRENCH-SCOTT. Kevin Anthony French to Sandra Hilda Louisa Scott, BPE'59, in Hinton, Alberta.

GENSER-KORBIN. Joel Joseph Genser, BCom'60, to Janet Ruth Korbin, in Vancouver.

GIEGERICH-BOWN. Joseph Donald Giegerich, BAsc'55, to Patricia Mae Bown, in London, England.

GLADWELL-REE. John Stuart Gladwell to Gail Aldyen Ree, BE'd'60, in Vancouver.

GUILE-MacKAY. Robert Henry Guile, BA'55, LLB'56, to Mary Barbara MacKay, in Vancouver.

HANCOCK-TOREN. Peter Julian Hancock to Eleanor Roberta Toren, BA'58, in Ontario.

HAWBOLT-BLACK. Edward Bruce Hawbolt, BAsc'60, to Roberta Clara Vida Black, in Vancouver.

HEBENTON-LYNCH. George Sholto Hebenton, BA'57, BA, BCL (Oxon.), to Shirley Ann Lynch, in Vancouver.

HENDERSON-MORRISON. Robert Ed McLeod Henderson, BCom'60, to Sharon Lenore Morrison, in Vancouver.

HICKEY-LEUCHTE. Lawrence Duane Hickey to Annemarie Leuchte, BA'54, BSW'56, in Caulfeild.

HOLLAND-GUNEM. Fred Charles Holland, BAsc'56, MSc (Stanford), to Beatrice I. Gunem, in Osseo, Wisconsin, U.S.A.

HURT-MUIR. Howard Roger Hurt, BA'60, to Penelope Ann Muir, in Vancouver.

IRWIN-McNEILL. William Grant Irwin, BAsc'56, to Maureen Naomi McNeill, BA'57, BSW'59, in Vancouver.

JOHNSTON - NYE. Thomas Richard Johnston, BAsc'59, to Judith Margaret Nye, in Vancouver.

KEARNEY-HARRINGTON. James Edward Kearney, BAsc'58, to Ernestine Shirley Harrington, in Vancouver.

KEE-CHONG. Sammy Kee Jr., BCom'59, to Shirley Shu Ying Chong, BHE'58, in Vancouver.

KILLAM-COLLINS. David Lawrence Killam, BAsc'59, to Alma Elaine Collins, in Vancouver.

KRIEG-BROWN. George Karl Krieg to Catherine Elizabeth Brown, BSP'52, in Vancouver.

KYLLO-KIDDOO. David Edward Kyлло to Margaret Vaneline Kiddoo, BHE'55, in Langley.

LAIRD-MANSON. Alexander Sinclair Laird to Barbara Joan Manson, BHE'55, in Singapore.

LAURIEN-TE-PARMLEY. Thomas William Laurie, BAsC'56, to Margaret Jean Parmley, BHE'57, in Vancouver.

LEE-MacKENZIE. Douglas Claude Lee, BA'54, to Sheila Edith MacKenzie, in Vancouver.

LIVINGSTONE - HARBORD. Donald Allan Livingstone, BA'60, to Shirley Irene Harbord, in Vancouver.

McCURRACH - McKINNON. John Alexander McCurrach, BSA'58, to Ellen Isabella McKinnon, in New Westminster.

MacDONALD-PEARSON. Neil William MacDonald, BA'58, MA'60, to Lea Margaret Pearson, in Vancouver.

MacFARLANE-CONLEY. James Nilson MacFarlane, BSF'60, to Shirley Joan Conley, in New Westminster.

McGRAW - KILLAS. Robert William McGraw, MD'60, to Alice Elizabeth Killas, in Vancouver.

MacINTYRE-BURKE. Peter Wellington MacIntyre, BPE'60, to Elizabeth Adele Burke, in Thorold, Ontario.

MacKENZIE-GROVES. Patrick Thomas MacKenzie, BA'54, MA(Cantab.), to Eileen Anne Groves, in London, England.

McLENNAN-HORTON. Geoffrey Ewart McLennan to Sheila Margaret Horton, BPE'57, in Vancouver.

MacLEOD-BUTCHART. Douglas Mansell MacLeod, BASc'54, to Edith Linda Butchart, in Meaford, Ontario.

MAIR-McKILLOP. Robert James Mair, BCom'59, LLB'60, to Merren Ross McKillop, BA'60, in Vancouver.

MILNE-WITHERLY. John Buchanan Milne, BA'56, MSc'60, to Nancy Leona Witherly, BA'60, in Vancouver.

MONEY-THOMAS. Gordon Joseph Money to Margaret Joan Thomas, BED'58, in Vancouver.

MOSELEY-FARRIS. Eric Peter Graham Moseley, LLB'59, to Gretchen Keirstead Farris, in Vancouver.

MURRELL-STEELE. George Osric Murrell, BA'59, to Mary Elizabeth Anne (Betsy Anne) Steele, in Vancouver.

NICHOLLS-PRATT. Jack Ivan Nicholls, BE(Auckland), MASc'60, to Irene Pratt, in Vancouver.

O'BRIEN - MIWA. William James O'Brien, BA'56, to Dorothy Yoko Miwa, BA'57, in Vernon.

OVERGAARD-COLLVER. Paul Jorgen Overgaard, BASc'60, to Helen Caroline Collver, in Vancouver.

PARTRIDGE-MUIR. Michael Alan Partridge, BCom'59, to Maxine Muir, in Vancouver.

PEW-WALSH. Colin Gibson Pew, BCom'55, to Victoria Margaret (Peggy) Walsh, in Vancouver.

REYNOLDS-D'ARCY. John James Reynolds, BCom'59, LLB'60, to Patricia Eileen D'Arcy, in New Westminster.

RICHARDS-DUNBABIN. Albert Edward (Ab) Richards, BSA'23, DSc'49, to Margaret Dunbabin, in Ottawa.

RICHARDS-PAUL. The Rev. John B. Richards, BA'52, to Barbara MacKinnon Paul, in Vancouver.

RINALD-GOLD. Stephen Melvyn Rinald, BCom'60, to Lily Penelope Gold, in Powell River.

RODGERS-THOMSON. Douglas Howard Rodgers, BA'60, to Barbara Jean Thomson, in West Vancouver.

ROLPH-LANDER. James Frank Rolph to Barbara Ann Lander, BA'58, in Kelowna.

ROSS-HARROP. Rae Alexander Ross, LLB'60, to Sheila Joan Harrop, BA'60, in Vancouver.

RUSSELL - BLANKENBACH. Donald Alexander Russell to Patricia Anne Blankenbach, BA'56, in Vancouver.

SHIPP - CALDWELL. Douglas Alan Shipp, BASc'60, to Christine Henrietta Caldwell, in Vancouver.

SMITH-DURHAM. Kenneth Robert Smith, BSA'59, to Sharon Lynne Durham, BA'60, in Port Moody.

STELZL-HEINZMAN. Edward Stanley Stelzl, BA'58, to Ann Heinzman, in Vancouver.

STRIDE-HUNT. Terence Leonard Stride, BA'54, BED'58, to Eleanor Anne Hunt, in Bowdon, Cheshire, England.

SUTHERLAND-HILL. C.P.O. Gordon Murray Sutherland, R.C.N., to Lieut. Shirley Joyce Estelle Hill, BHE'48, R.C.N., in Esquimalt.

TAYLOR-HARVIE. Martin Rapson Taylor to Carolyn Frances Harvie, BSN'51, in Vancouver.

TOWGOOD - HAGGART. Dennis Arthur Towgood, BASc'60, to Jean Margaret Haggart, in Vancouver.

WAKABAYASHI-TASAKA. Henry Hirashi Wakabayashi, BASc'58, to Yoshimi Yvonne Tasaka, in Vancouver.

WALKER-SMITH. Leonard George Walker, BA'57, MSc'59, to Sarah Margaret Smith, BSc'60, in Nanaimo.

WOLFE-DASHEVSKY. Isidor Morris Wolfe, BCom'58, LLB'59, to Harriett Dashevsky, in Winnipeg.

WOOD-BARTON. Neil Arthur Wood, BASc'58, to Marilyn Jean Barton, in Vancouver.

DEATHS

Dr. Marianne Jetter, assistant professor in the department of German, died October 24 in Boston, Massachusetts, following a lengthy illness. She was forty-nine.

Born in Budapest, Dr. Jetter received her schooling in Vienna. She studied at the University of Vienna and after receiving the degree of doctor of jurisprudence in 1935 was for two years probation officer of the juvenile court of Vienna. In 1939 due to conditions under the Hitler regime, she came to Canada with her two small children. Her husband, who followed her, was lost in the sinking of the Athenia.

Dr. Jetter received her diploma in social work from U.B.C. in 1942 and was for two years case worker for the Family Welfare Bureau and the T.B. social service department. In 1945 she was appointed to the staff of the department of German as instructor and obtained her M.A. from Stanford University in 1948. She was active in many local and national organizations both in the field of modern languages and in social work.

Dr. Joyce Hallamore, head of the department of German, U.B.C., said of her: "She will be remembered by all who knew her for her strong sense of duty, her warm generosity and her great courage."

Dr. Jetter is survived by her husband, Joseph Jetter of Vancouver, whom she married in 1950; by her parents, Mr. and Mrs. F. H. Weiss, Seattle, and by two daughters, Mrs. Albert Ezzy (Suzanne E. Lourie, BA'55), and Miss Brigitte Lourie.

Dr. Kanosuke Mori, designer of the new Japanese garden at U.B.C., died October 18 in Osaka, Japan, following a brain hemorrhage. He was 66 years old. Dr. Mori was one of Japan's foremost landscape architects and a lecturer at Chiba University, Japan's leading school of architecture, which he joined after studying landscape architecture in the U.S. and Germany during the thirties. He came to U.B.C. in March, 1959, as a visiting professor to supervise construction of the Nitobe Memorial Garden, and remained until July of this year. Dr. Mori was scheduled to go to India October 30 to supervise the construction of two Japanese gardens there. He is survived by his wife.

1919

Mrs. H. C. Giegerich (Catherine Easterby Maynard), BA, wife of Henry Giegerich, BASc'24, died suddenly in Vancouver in July at the age of 61. Since her husband's retirement from the Consolidated Mining and Smelting Co. in Trail, they had been living at Ganges on Salt Spring Island. She is survived by her husband and four children, among them Mrs. John K. Sloan (Peggy Giegerich, BA'48) and Henry M. Giegerich, BASc'52. Her sister Margaret Maynard, BA'17, of the College of Education, died last winter.

1924

Percy M. Barr, BASc, DSc'45, died after a long illness in Berkeley, California, on August 27. He was professor of forestry at the University of California, where he had been since 1932. He is survived by his wife, four sons and two daughters, and a sister, Mrs. M. S. Blackburn in New Westminster. Dr. Barr was born in Connecticut.

1931

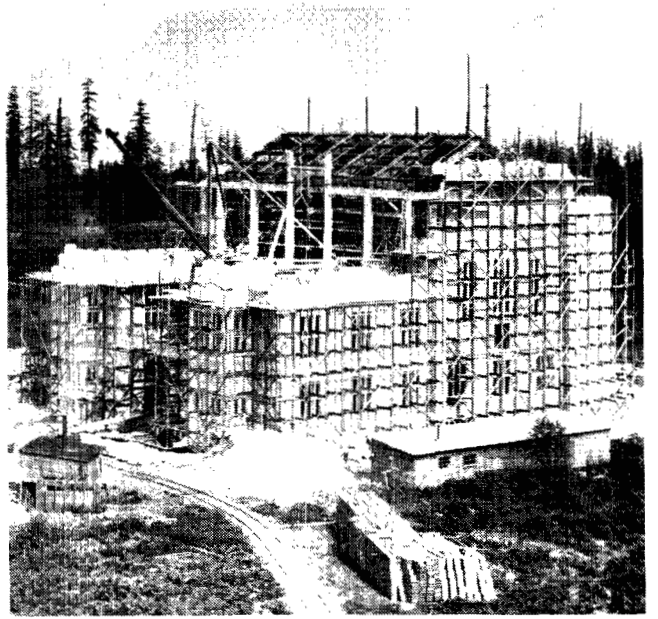
Elfrida Pigou, BA, died late in July with three other mountain climbers in an accident on Mount Waddington.

Elfrida Pigou had in recent years created a legend for herself among mountaineers. She first began to climb after the war and soon joined the Alpine Club. From 1949 she was embarked on a climbing career that was to give her a wide knowledge of mountain areas of B.C. and Washington and to establish an unusual record of ascents as a woman climber. For long a faithful member of the Mountain Rescue Group, she was always out with the searchers in an emergency on Mount Seymour or on other mountains, and for her services the Humane Society honoured her with a number of citations. It was she who found the wreckage of the lost TCA plane on Mount Slesse in 1957. She leaves her father and a brother in North Vancouver.

The University Library



*A special supplement to mark
the opening of the new Walter C.
Koerner wing of the University library*



In 1924 the library was under construction in the wilderness of Point Grey and was barely recognizable under a network of scaffolding. The railway line to be seen running in front of the building led to the bluffs of Point Grey where building materials were unloaded from scows.

The New Library

A new and revised edition of the University library awaited faculty and students when they returned to classes in mid-September. During the summer studying students either stalked out or sat stoically while the shouts of workmen and the rattle of jack hammers disturbed the Point Grey calm. Returning students barely recognized the 35-year-old building. The tables in the main concourse had been replaced by the filing cabinets containing the more than a million index cards listing books by author, title and subject and the fine arts reading room had expanded into what was once the Garnet Sedgewick reading room. Dr. Sedgewick's name is now memorialized in the Garnet Sedgewick Humanities reading room on the ground floor of the north wing. The Ridington room on the second floor of north wing remained and is now a reading room for the social sciences. Gone was the reserve book reading room which is now part of the processing divisions for the library.

First year students had a brand new college library to explore in the new south wing which has been named for Walter C. Koerner who contributed a quarter of the cost of the \$1,710,458 addition. Other funds came from the Canada Council and the provincial government. Science students quickly discovered that a spacious new reading room had been created for them off the main concourse and on the top floor graduate students and scholarly professors pursued their research in the stillness of the division of special collections.

On the following pages readers will find an account of the opening ceremony and details of the new services in the Walter C. Koerner wing.

From the front U.B.C.'s library now has a balanced look as shown in picture on opposite page. The new wing doubles the seating capacity of the building. From the rear, above, soaring concrete columns, illuminated at night, enclose future library stacks.



Official opening of the Walter C. Koerner wing of the University library took place October 27 when the key to the building was presented to Chancellor A. E. Grauer (center, above) by David Hickman, of the firm of Thompson, Berwick and Pratt, University architects. Dr. Grauer, in turn, presented it to U.B.C. librarian Neal Harlow, right. At left, the chancellor and Mr. Harlow are shown with Dr. Louis B. Wright, director of the Folger Shakespeare Library in Washington, D.C., who spoke at the opening ceremony and presented to the University the first four Shakespeare folios which were on display in the showcase at right.

Opening Night at the New Library

The opening of the Walter C. Koerner wing of the University library was linked with U.B.C.'s fall congregation which took place on October 27. At the congregation the honorary degree of doctor of letters (D. Litt.) was conferred on two of the world's leading librarians — Dr. Louis B. Wright, director of the Folger Shakespeare Library and Sir Frank C. Francis, director and principal librarian of the British Museum in London, England.

Despite the weather — many said it was the wettest, darkest day in the history of fall congregations — the science reading room of the new wing was nearly full that evening for the opening ceremony, which doubled as the fall meeting of the Friends of the University Lib-

rary. The key to the building passed from a representative of the University architects to Chancellor Grauer to U.B.C. librarian Neal Harlow; Mr. Kenneth Caple, president of the Friends and President N. A. M. MacKenzie spoke briefly, and Roy Daniells, head of the English department introduced the guest speaker, Dr. Wright. (Excerpts from his speech are on pages 16 to 18).

The following day the Senate library committee and the B.C. Library Association sponsored a symposium during which the new services of the library were explained and that evening Sir Frank Francis gave the keynote homecoming address sponsored by the library and the Alumni Association.

The College Library

Tailored to meet the particular needs of students in their first two years, the new college library provides—at ground level and easy of access—a collection of essential, useful, and apposite books to ease and induce the use of the library in introductory courses. Here are books for assigned reading and on suggested reading lists, background books, and material to stimulate and widen the interests of beginning students. An “open” collection, it will be increased in size to 40,000 volumes — all duplicates of material in the main library and always supplementary to it — and is meant to become the finest library of its kind between Cape Race and Nootka Sound.

A handsome and well laid-out section of the new Walter Koerner wing, it includes, in addition to a brightly lighted book stack, two levels of reading rooms, nearly five hundred individual study tables, and daylight reading conditions around the clock. Quietness is emphasized by careful design, and all of these inducements to study are fully reinforced by a capable staff and growing book stock.

Privacy is not often found in large reading rooms, but planned traffic patterns, visual screens which set off but do not enclose, a variety of surfaces to absorb sound, high level lighting with few contrasts, and the stimulation which color can effect have produced throughout the new wing an atmosphere for study which students have apparently accepted with willingness.



How Students Use the New College Library

The pictures on this page illustrate how first and second year students use the College Library. Above, first year education student Minerva Fossen confers with Miss Eleanor Cock, librarian in the College Library, who explains how books may be found. At left Minerva checks the card catalogue for the Library and then finds her book on the shelves, lower left. Having found the book she wants Minerva then finds a seat on the floor of the College Library where she sits at an individual desk where there are a minimum of distractions.

*A university library is
a place of study for the faculty
and a place for students
to cultivate their minds*

LIBRARIES and the diffusion of learning

By Dr. Louis B. Wright

To say that education in the past generation has undergone a revolution is to utter a platitude. As in other revolutions, what happened has not pleased everybody. But one change with which few can find fault has been the widespread diffusion of education at the postgraduate level, which presupposes a diffusion of the sources of knowledge and learning.

In our grandfathers' time, an Englishman had to have the cachet of an honors degree from Oxford or Cambridge to be accepted in the academic world. An American of the same period would be expected to have a Ph.D. from Heidelberg or Göttingen to attain the highest academic prestige in the United States. In our fathers' time, Harvard and Johns Hopkins University has superseded the imperial German universities as places which could train college and university teachers. Yale, Princeton, and Columbia lagged a little behind.

But in our time we have seen a remarkable transformation. Literally scores of universities on both sides of the Atlantic are providing distinguished graduate training. Advanced education is no longer a monopoly of a half-dozen institutions.

This development was inevitable, for no great nation can depend upon only two or three universities for its leadership, academic or otherwise. Great as are Harvard, Yale, Columbia, and Princeton, they cannot provide sufficient leadership for the whole of the United States. Distinguished as are Oxford and Cambridge, and significant as are their traditions and influence, they too are no longer capable of supplying all of the intellectual leadership that Great Britain requires. Indeed, to an outside observer in Great Britain today, one of the most significant educational developments taking place is the advance of the provincial universities to positions of prominence and eventual influence. Not even the Establishment can subsist indefinitely on the supply of leaders that it gets from the older universities. Some day one may even see a graduate of Nottingham or Leicester in the Foreign Office.

Coincidental with the development of new first-class universities there has been of course a diffusion of first-class scholars. Men, not buildings, make a university. No amount of brick, mortar, and steel can make an important university without first-class scholars. The university must also create an environment of learning that will keep its scholars happy and busy at the research which is their lifeblood. Few sponsors of the most provincial universities are so benighted today that they think a university is a matter of buildings and publicity. A university is a community of scholars working at their specialities. Fortunately, distinguished and devoted scholars can be found throughout the academic world and are no longer concentrated in only a few places.

This widespread diffusion of scholars is a modern phenomenon. There was a time when every scholar and scientist in the United States yearned for one of the Ivy

The speech reproduced on these pages was delivered at the official opening of the Walter C. Koerner wing of the library on October 28 by Dr. Louis B. Wright, director of the Folger Shakespeare Library in Washington, D.C. Dr. Wright received an honorary degree at fall congregation.

League institutions just as every British scholar yearned for a post at Oxford or Cambridge as an earthly paradise. A call to Harvard, let us say, was the reward that crowned years of grubbing in some academic purgatory in the middle west. Today middle-western or far-western institutions on occasion may outbid Harvard or some other Ivy League institution. In Great Britain, some of the ablest men are not at Oxford and Cambridge but are adding distinction to the so-called red brick universities. Intellectual accomplishment is no longer a tightly held monopoly. Today in nearly every region of the English-speaking world, one can find communities of scholars and scientists who are creating universities that provide advanced education on the highest level and make significant contributions to knowledge.

This remarkable development could not have taken place without a parallel growth of libraries. Indeed the growth of libraries has been so phenomenal that some academic administrations profess alarm at the magnitude of the problem of finding houseroom for all the books that their faculties and students require. The Ford Foundation has even set up an organization known as the Council on Library Resources, Inc. to try to solve some of the problems faced by libraries and to comfort academic administrations who fear that their libraries are about to overwhelm them.

Actually there has been a good deal of needless hysteria about the cost of libraries. Not many universities spend half enough on their libraries, which are the heart and center of their operation. Without adequate libraries they cannot call themselves institutions of learning, regardless of the size of their stadiums and the number of their football victories.

The growth of libraries in the western hemisphere in a little more than a century represents a tremendous dispersal of books from the Old world to the New. This sort of transfer of cultural materials has gone on since the world began. In an earlier time, conquerors brought back jewels, carvings, sculptures, pictures, and manuscripts, from the civilized countries that they subjugated. In a later day, the artifacts of civilization followed economic power. Wealthy men became collectors and bought the objects of older civilizations that they admired and wanted.

About forty years ago a cry went up in Great Britain that American multimillionaires were pillaging the country of its national treasures and carting them off to America. If the Colonel Blimps who made this outcry had taken the trouble to visit the British Museum, they might have observed that for centuries Great Britain had been accumulating treasures from all of the older civilizations.

It is very short-sighted for a nation to take the view that all of the evidence of its art and culture must be retained within its national borders. By the very dispersal of this material abroad, the true values of a nation become known and understood. For example, only a small percentage of Englishmen can ever hope to see Athens, but thousands who have seen the Elgin marbles in the British Museum have a warm and sympathetic interest in Greece because of that experience.

The acquisition of British books and manuscripts by institutions on this side of the Atlantic is even more in the national interest of Great Britain. We share a common civilization, whatever our blood stocks may be, and the literary and cultural heritage from Great Britain is a part

of our inheritance too. In the interest of the solidarity of the English-speaking peoples, it is important for us to remember this fact and have the material resources to confirm it. The growth of libraries in the western hemisphere, libraries which represent the painstaking accumulation of books and manuscripts sold in Great Britain during the past century, has made possible learned institutions that will perpetuate indefinitely the tradition, understanding, and appreciation of western culture. These libraries have encouraged postgraduate study in almost every area of knowledge. In no other period in history, so far as I can discover, have libraries grown so fast or with such systematic planning. . . .

As we today conceive of a university library, it serves two essential purposes: (1) It provides a place of study for the faculty, who without it would be unable to bring fresh inspiration to their own instruction. For in some degree, every college and university library must be a research institution. Every teacher who is worth his salt must constantly go back to the sources of knowledge, either to refresh his own mind or to produce original contributions of learning. The university library, even the small college library, must serve as a place of investigation for the faculty. (2) The university library is also a place for the students to cultivate their minds, to acquire the breadth of culture that comes from contact with the great literature of the world, to learn something beyond textbooks by reading as deeply as possible in the sources of knowledge. . . .

(Dr. Wright then went on to discuss, at some length, the services and activities of a few great research libraries, which he described as "active institutions of learning").

The third of the great endowed libraries of America, supporting research and subsidizing scholars, is the Folger Library of Washington, D.C. It owes its foundations to the enthusiasm for Shakespeare acquired at Amherst College by Henry Clay Folger, later to become head of the Standard Oil Company of New York. Young Folger was a poor boy, the son of a wholesale milliner, who made friends with a classmate named Pratt whose father was one of the founders of the Standard Oil Company. When Folger left college he got a job with the oil company and slowly worked his way to the top.

As an undergraduate student he received almost a religious conversion to literature and became an enthusiast about Shakespeare. He married a girl from Vassar College who shared his enthusiasm and they soon became collectors of books by and about Shakespeare. Since they had no children, they devoted much of their time and money to book collecting. Folger's personal interest was in Shakespeare, but he realized that Shakespeare could not be studied in a vacuum and hence he collected the historical materials needed for an understanding of Shakespeare's age. Gradually the collection grew in magnitude.

Since the Folgers had no room in their relatively simple house for their books, they shipped them off to safe-deposit boxes as they arrived. It is a tragedy that Folger, one of the few great collectors who appreciated the insides of the books he bought, never lived to see his library built or his books spread out to view. He died in 1930 two weeks after the laying of the cornerstone of his library in Washington. A reticent man who never told his plans to anyone except his wife, Folger got the reputation of being a miser of

books, a collector who hid his treasures away in vaults where nobody could see them. All the while he was planning a library which would give his collection the widest possible utility. At his death he left his books and his fortune to the trustees of Amherst College, to found and administer a research library in Washington next door to the Library of Congress. He chose this site because he realized that inevitably Washington would be one of the most important research centers in the world. But it was characteristic of Folger that no member of the Amherst College board of trustees knew of his intentions until the terms of his bequest were published in the newspapers.

Folger was also criticized because of what other collectors termed his "greed for Shakespeare Folios." The truth is that he acquired in his lifetime seventy-nine copies of the Folio of 1623 out of a possible 240 extant. Not all of these are good copies. In fact many of them are badly defective, what a bookseller would describe as "adequate working copies." And Folger bought them, not for the greed of possession, but for a definite scholarly purpose. As all students of seventeenth-century printing know, proofreaders in 1623 did not correct galleys and check page proofs as we do today. Proofreading was more casual. The proofreader corrected the printed sheets as they came from the running press. Eventually the press might be stopped for the insertion of corrections, but no thrifty printer would throw away the uncorrected sheets already printed. They were piled up with the corrected sheets and all were gathered up and used in the completed volumes. This practice accounts for wide variations in the texts of seventeenth-century books. Folger believed that by gathering as many Folios as possible and having them carefully collated a better text of Shakespeare could be produced. That was the purpose behind his acquisition of Folios.

Happily, Professor Charlton Hinman has now completed the collation of all the Folger First Folios and the results will be published by the Oxford University Press within the year. I cannot anticipate his discoveries here, but it will suffice to say that the results will justify Folger's perspicacity and warrant his investment.

Since the purpose for which the Folios were bought has now been served, the trustees of the Folger Library have decided to place in two or three other institutions copies of the Folios in the belief that they may serve the whole republic of letters better there than if they should be kept in vaults in Washington. The first of the institutions chosen was St. Andrews University in Scotland. In the early days of America the Scottish universities contributed a great deal to the education of the young country. St. Andrews was also the first university to recognize the importance of Benjamin Franklin's electrical discoveries. As a symbol of American appreciation of the long tradition of learning at this oldest of Scottish universities, the Folger Library has placed on indefinite loan at St. Andrews a set of the first four folio editions of Shakespeare's plays.

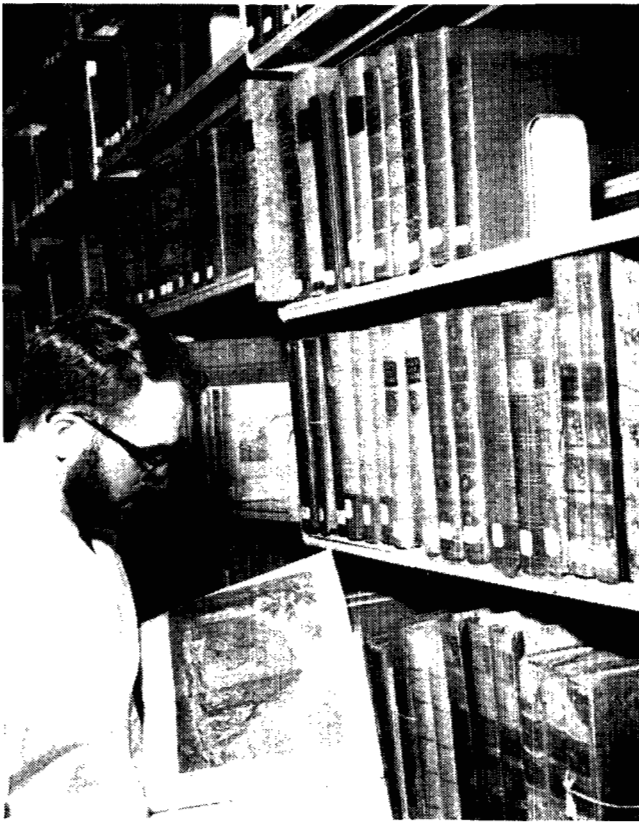
A second set of the first four seventeenth-century Folio editions of Shakespeare's plays, the Folger Library has decided to place on indefinite loan at the University of British Columbia. Our choice of this institution was determined by the knowledge that this University has a great and significant destiny in the intellectual development of the northwest region. We wanted to present these Folios to one of the regions of the British Commonwealth where they might be needed, where they would serve as a symbol of the common heritage and mutual interests of the

English-speaking peoples. Because of its vitality and promise for the future, the University of British Columbia was an obvious choice. We hope these volumes, which booklovers throughout the world prize, will serve to remind you of the Folger Library's concern for the history of British civilization in those centuries that saw the spread of the English-speaking peoples throughout the world.

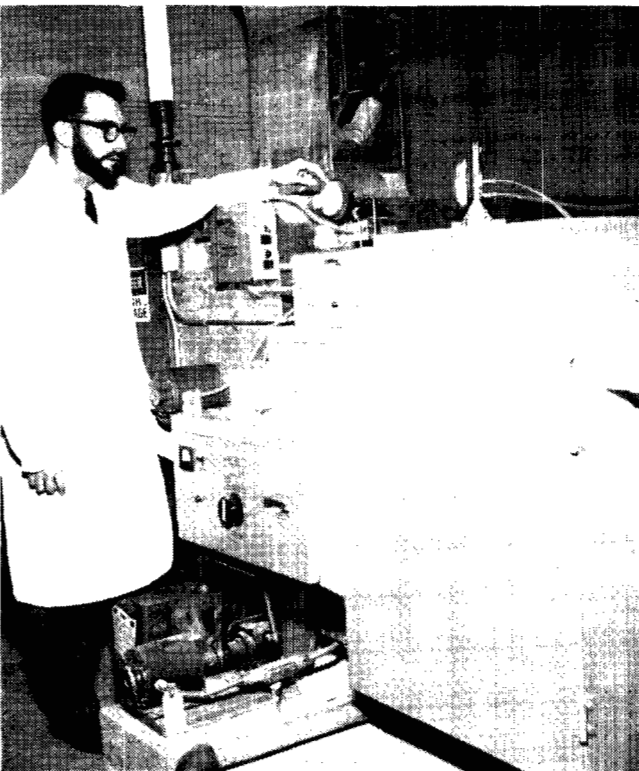
The fame of Folger's "seventy-nine First Folios," and the appearance in the formal title of the institution of the name Shakespeare, have both tended to make the general public believe that the Folger Library had little interest in anything except Shakespeare. Nothing could be further from the truth. Actually the Folger Library is one of the most effective places in the western hemisphere for the study of British civilization—all aspects of it—for the sixteenth and seventeenth centuries. It has set itself the goal of gathering the materials that influenced the lives and thoughts of the English-speaking peoples in the Tudor and Stuart periods, or roughly from 1476 to 1715. This was a period as significant for American as for British history, for the foundations of American civilization were laid in these centuries, and whatever latter-day Americans may be in blood stock, the fundamental concepts of their civilization—their language, manners, morals, religion, law, and habits of thought—came out of the sixteenth and seventeenth centuries. Americans have as great a concern with Tudor and Stuart history as Englishmen, for they are equally inheritors with Englishmen of the traditions of the sixteenth and seventeenth centuries. Not Anglophilism but a sensible interest in American history prompts the Folger Library to begin with 1476, the year when Caxton set up his printing press at Westminster. . . .

We are celebrating today the opening of a new library in one of the great and newer universities. It would be presumptuous to reiterate to this distinguished audience the reasons why this is an occasion of special significance in the University's history. This library will in time become the center of scholarship for a vital and growing region in the northwest. Its administrators will apply their talents to gathering the source materials for the dissemination of knowledge. Their task will not be easy and they will need the material support, the understanding, and the encouragement of all the friends of the University. Despite the growing scarcity of rare books needed by scholars, a wise university administration can still bring together the materials that both faculty and students require. And never overlook the faculty in the development of a library program. The satisfaction of their intellectual needs is the key to the distinction of any university. Today the administrator of a research library such as this has many devices to help him in the acquisition of rare books and manuscripts that his predecessors lacked. From the special libraries that I mentioned earlier he can acquire by photographic methods books that were once unavailable except to the scholar fortunate enough to have travel funds that enabled him to visit the older research libraries. These visits ought not to be discouraged, let me hasten to say, but the University of British Columbia nowadays can command the resources of the British Museum, the Bibliotheque Nationale, or any of the older repositories. A scholar can now carry on a great part of his research in the regional libraries of the world. This library which you are dedicating will become a storehouse of learning and a center for the further diffusion of knowledge. It will also insure the intellectual preeminence of the university of which it is the heart.

RESEARCH and SPECIAL COLLECTIONS



Basil Stuart-Stubbs, head of the division of special collections in the new Walter C. Koerner wing of the University library, is shown above checking some of the division's holdings. The division contains all U.B.C.'s rare books and provides special carrells where graduate students and members of faculty can work. Below, Stuart-Stubbs checks the air conditioning equipment which controls humidity and keeps the air free from dust which could harm rare books.



At the top of every important research collection is a rich cream of unique and unusual material which gives it distinction and character. If it holds great scholarly value, wise men will come from afar to consult it; and as it becomes increasingly well known, more significant materials will be attracted to it.

Time and effort will eventually produce a British Museum, a Harvard Library, a Library of Congress, or a Folger Shakespeare Library. With much less opportunity—to date—but with no decrease in the quality of energy and purpose) we can create the promising conditions for research now being realized at the University of British Columbia.

In forty-five years of book collecting the University library has grown from an initial 21,000 volumes to over 450,000 (a factor of 21.5), and book funds per year from \$1,300 to \$245,265 (multiplied 188 times). More indicative of the library's increasing strength is its development in the past decade, during which its collection of books and journals doubled in size and its book funds multiplied four and a half times. The rising cost of publications, meanwhile, has taken a conspicuous toll (up 40% in the last ten years, on top of 81% in the previous decade), and the University's continuing expansion has outstripped the library's growth.

A library is not highly regarded because of its number of books, but a research collection will be large if it embraces many of the fields of learning and gives them adequate coverage.

The University could support graduate study in 1921, when the first master's degree was granted, but the first doctorate did not come until 1951, and no Ph.D. outside the sciences was awarded until the Fall Congregation of 1960. A program of graduate work requires not only library resources but capable scholars, laboratories, and a reservoir of students from which the most competent can be drawn; but advanced studies do not rush ahead of library facilities, and they cannot be maintained until all the ingredients are ready. The 32,850 volumes added to the library collections during 1959-1960, and its 5,237 subscriptions to scholarly periodicals, do not constitute adequate growth to meet either comparative standards or expressed demand.

Mr. WILLIAM
SHAKESPEARES
 COMEDIES,
 HISTORIES, &
 TRAGEDIES.

Published according to the True Originall Copies.



LONDON
 Printed by Isaac Iaggard, and Ed. Blount. 1623.

Title page of the first Shakespeare folio, presented to U.B.C. by the Folger Shakespeare Library when new library wing was opened, is shown above. Only about 200 first folios have survived and have commanded up to \$100,000 when sold commercially. First folio, printed in 1623, is the only source of 17 of Shakespeare's plays and best source for all others.

It is not often realized that research libraries are normally built up one book at a time, adding a volume to match a specific scholarly need. Many of the older works must be obtained in out-of-the-way places, against strong competition, and a young library is therefore handicapped as much by its youth as by its other limitations. There is, however, a secret formula by which to achieve quick maturity, by acquiring already accumulated collections and thereby appropriating not only numbers of books but time itself in the process.

Significantly, the University became a serious if not large book collector before opening its doors in 1915, sending a librarian to England and the continent with funds to anticipate its academic needs. Many successive years of careful if necessarily impecunious buying helped to fill the large gaps in the young library's holdings.

The first major research collections to be acquired were the libraries of Canadiana presented by Judge F. W.

Title page shown below is another rarity in Canadiana acquired as part of the Murray Collection purchased by the Friends of the Library. Book is a memoir written by Francois Bigot, intendant of New France at the time of the fall of Quebec in 1759, defending himself against charges of corruption. He was convicted and exiled from France.

MEMOIRE

POUR Messire FRANÇOIS BIGOT,
 ci-devant Intendant de Justice, Police,
 Finance & Marine en Canada, Accusé:

CONTRE Monsieur le Procureur-Général
 du Roi en la Commission, Accusateur.

PREMIERE PARTIE,

CONTENANT l'Histoire de l'Administration du sieur
 BIGOT dans la Colonie, & des Réflexions générales
 sur cette Administration.



A PARIS,

De l'Imprimerie de P. AL. LE PRIEUR, Imprimeur du Roi,
 rue Saint-Jacques.

M DCC. LXIII

HISTOIRE
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S E
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Title page of one of Canadiana, a summary of Relations covering 17th century is shown above. This is with a Carnegie Library for French Canadiana printed in 1664 by Sebastian Mabre-Cramoisy of the original Histoire of one of the chartered controlled 17th cen

Howay and Dr. Robie Reid, in 1943 and 1945; these have been steadily expanded until U.B.C. has one of the outstanding Canadian collections in existence (French-Canadiana acquired with Carnegie Corporation funds; the invaluable Thomas Murray collection secured last year; purchases from grants made by Dr. and Mrs. Thomas Ingledow and the Men's Canadian Club of Vancouver, and gifts from Dr. H. R. MacMillan and many others). In Slavonic studies we now have the finest collection in Canada, rivaling those anywhere (inaugurated by the Rockefeller Foundation and later supported by Mr. Walter C. Koerner). In Chinese studies the recent acquisition of the P'u-pan collection in Macao suddenly placed the Library among the five top research collections on the American continent. In a less spectacular way we are pushing steadily ahead in many related fields (English language and literature, French, classics, and others).

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Two staunch friends of the University library have been Dr. H. R. MacMillan and Mr. Leon Koerner, each of whom have presented the library with a copy of a rare book printed in 1664 which describes trees of the British Empire of that time. Title page of the book is shown below.

**SYLVA,
Or A DISCOURSE OF
FOREST-TREES,
AND THE
Propagation of Timber**

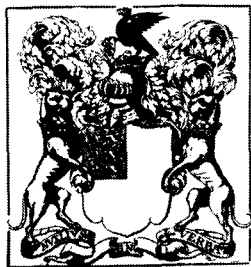
In His MAJESTIES Dominions,

By *J. E. Fitz.*

As it was Deliver'd in the **ROYAL SOCIETY** the 21st of October, C1664. upon Occasion of certain Discourses Propounded in the Hall of the said Society, by the said Author, and approv'd of the Society.

POMONA Or, An Alphabet concerning Trees, Trees, their uses, and the best way of their Culture. The Manner and Local uses of them, &c. Published by express Order of the **ROYAL SOCIETY.**

**ALSO
CALENDARIVM HORTENSE.** Or, Gardners Almanack. Directed by the use of the Mercurie above-mentioned the 1st of January, 1664. Printed by the said Author.



LONDON, Printed by *J. Moxon*, and *J. Allred*, Printers to the **Royal Society**, and are to be sold at their Shop at the **Edifice in S. Pauls Church-yard**, MDCLXIV.

In the sciences the medical collection ranks high, after a decade of heavy expenditure. Forestry (long supported by Dr. H. R. MacMillan) and the basic fields of mathematics, physics, chemistry, and zoology can claim excellent research libraries after years of consistent development.

Beginning in the fall of 1960, the new division of special collections is the centre for advanced studies in the University, chiefly in the humanities and social sciences. It houses, in fully air-conditioned bookstacks, the creme de la creme of the research collections and provides a nucleus around which cluster facilities for graduate seminars and studies for faculty and doctoral students. No layer of fancy icing, it realizes instead the goal of almost a half-century of labor and aspiration and is proof of the University's growing concern with the advancement of learning. It will attract to itself great new scholarly resources (to wit, the four Shakespeare folios) and draw into its orbit increasing numbers of the learned and learning.

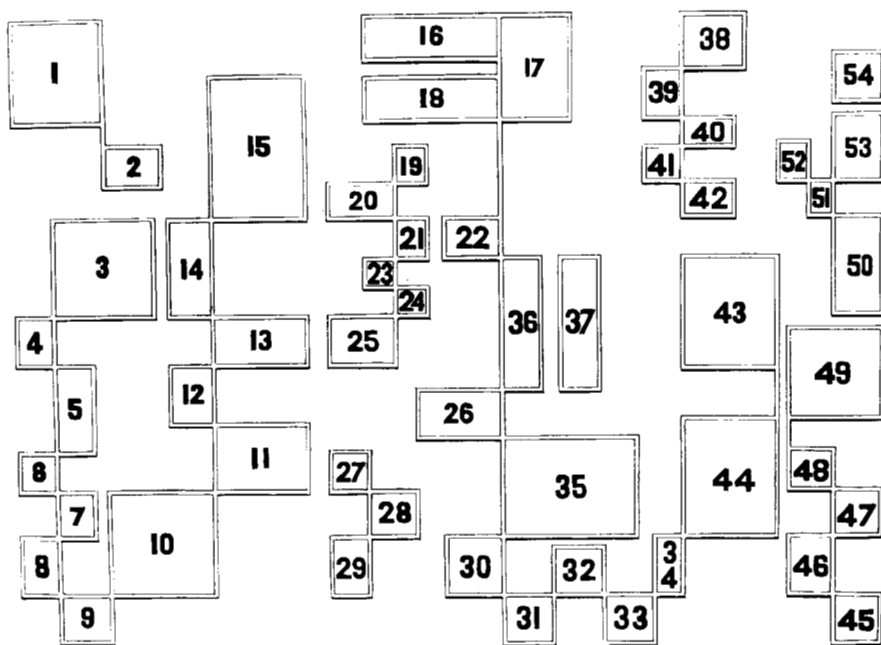
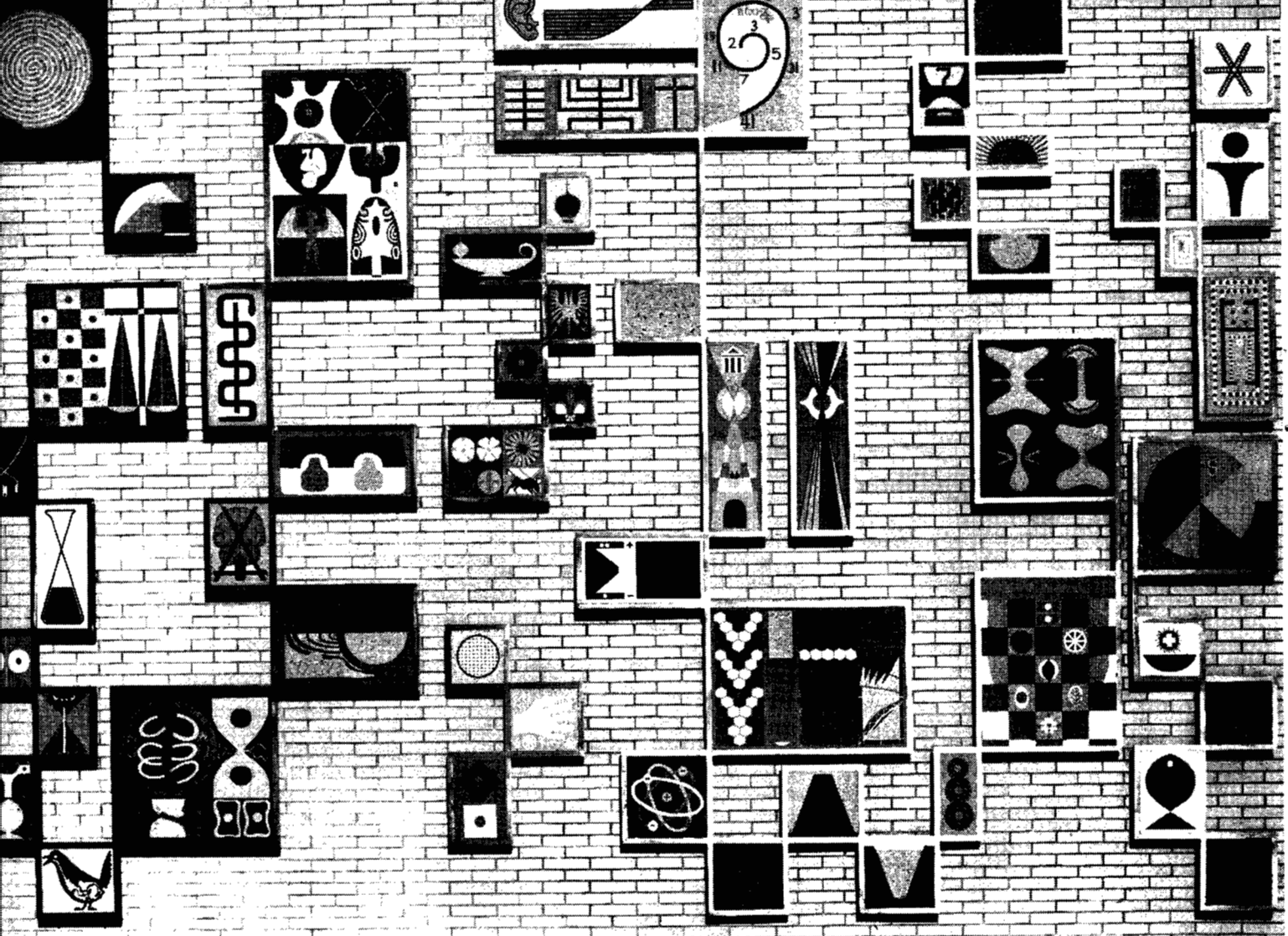
The Friends of the University Library

On October 27, 1960, the Friends of the University Library celebrated its fourth anniversary by officially opening the new Walter C. Koerner wing of the library building. The group had been established in 1956, under the approving eye of Dr. J. N. L. Myres, Bodley's librarian, to "develop the library resources of the University and to provide opportunity for persons interested in the University library to keep informed about its growth and needs and to express their own interests more effectively."

Since, it could boast to have been instrumental in securing some very important research materials for the library (notably the P'u-pan Chinese collection and Thomas Murray collection of Canadiana, among many others), and in its current year it had more than doubled its former membership.

On this occasion it listened to Dr. Louis B. Wright, director of the Folger Shakespeare Library, Washington, D.C., discourse upon "Research Libraries and the Advancement of Learning" and present to the University library (on permanent loan, the second set so distributed) copies of each of the four great seventeenth century folios of Shakespeare's plays, in recognizing the University's place and promise in the world of research. The following day, members had the unusual opportunity to hear Sir Frank Francis, K.C.B., new director and principal librarian of the British Museum, discuss the role of "Libraries, the great international network."

Although the intention of the Friends to raise fifty thousand dollars of book funds annually, to be matched by University sources, was yet far short of realization, Mr. Kenneth Caple, president of the Friends, said the planned approach to industries, firms, and individuals for continuing financial support (a "low level" campaign) was well under way. Additional "friends of learning" are continually being sought to broaden the base of operation.



*Two noted B.C.
artists create a
lively new mural
for Brock Hall*

Another Triumph for the Thomases

The graduating class of 1958 commissioned Lionel Thomas, one of Canada's most distinguished artists and a member of the staff of the school of architecture, to execute a mural as their graduating gift to the University.

A symbol for each of the disciplines taught at the University was chosen by Mr. Thomas and his wife, Patricia, who helped to execute the mural. In each panel there is a relationship between the colours employed and the symbol used to denote the discipline. The work, which took two years to complete, hangs on the courtyard wall of the extension to Brock Hall. The mural has been executed in Byzantine mosaic—small pieces of coloured glass inlaid in cement.

At left is a photograph of the mural and below is a drawing with each of the panels numbered. A short description of each of the panels, corresponding to the numbers in the drawing at left, follows.

1. Forestry—a tree ring indicating growth.
2. Forest engineering—a triangle. A tree and the arc to indicate the fall of a tree.
3. Faculty of Law—the scales of justice, right, and ten squares with circles symbolizing the ten commandments.
4. Proposed Faculty of Dentistry—a tooth extractor and a molar.
5. Faculty of Pharmacy—a medicinal flask and the Greek letter $\bar{\rho}$ for prescriptions.
6. Zoology—mammalian chromosomes.
7. Entomology—an insect.
8. General zoology—an invertebrate form at top and a vertebrate form at bottom.
9. Ornithology—a bird showing intestinal organs.
10. Biological sciences—four reproductive symbols. Upper left, mitosis in an animal cell; upper right, onion seed chromosomes; lower left, I.X.I. equation for genetics, and lower right, detached cells.
11. Geography and geology—the symbol for geography is the world divided at the equator indicating day and night and an orange field for the sun. The geology symbol is the lower part of the panel and indicates rock strata formations.
12. Psychiatry—a cross section of the human brain with an X superimposed indicating a disordered mind.
13. Bacteriology and immunology—antibodies.
14. Faculty of Medicine (general)—Caduceus serpent. The medical staff and serpent.
15. Departments of the Faculty of Medicine. Symbols are: upper left, a neuron, or nerve cell for neurology; upper right, surgical scissors and clips for surgery; lower left, a "child" inside an hour glass suggesting the life cycle for pediatrics; middle left, a fetus or birth symbol for obstetrics and gynaecology; middle right, a "U" form symbolizing a nephron for physiology; right, symbolic "bile" cell for pathology, and, lower right, rear view of a cross section of a skull for anatomy.
16. Music—the twelve tone scale.
17. Mathematics — Archimedes spiral symbolizing logic.
18. Religion—left, Oriental religions, earth, fire, water, air; middle symbol, the seven bar candelabra for Judaism, and, right, Christianity.
19. Slavonic studies—the onion dome—a typical architectural form found only in Slavonic countries.
20. Faculty of Education—the lamp of learning.
21. German—the double-headed eagle.
22. Oceanography—opposing currents.
23. English—the English rose and the five vowels.
24. French—the fleur de lis.
25. Romance studies—upper left, the Rumanian white rose; upper middle, the white violet of Portugal; upper right, the ox-eye daisy of Italy; lower left, the poppy of Provence; lower middle, the fleur de lis of France and lower right, the bull of Spain.
26. Faculty of Applied Science—the Sigma and "I" beam symbols.
27. Sociology — a magnifying glass held over a "group."
28. Anthropology—a hand symbolizing the coordination of man's hand and brain to create civilization.
29. Criminology—a black square over a white square. The black square tilted is an ancient symbol for rebellion against society. The white square symbolizes the reasonable, law-abiding citizen.
30. Electrical engineering—the atom or electron.
31. Mechanical engineering and industrial agriculture—the wheel.
32. Mining—a mine shaft.
33. Metallurgy—a mould.
34. Mechanical engineering—gears.
35. Chemistry and chemical engineering—cellular chain reaction and distillation.
36. Classics—upper symbol, a Greek temple; below, a laurel wreath; lower symbol, the Roman arch; above, the Roman eagle.
37. Fine arts—the colour prism passing through the eye.
38. Political science and economics—the eye symbolizing the overview of politics and economics.
39. History—an hour glass. The lower portion shows several layers of "time."
40. Asian studies—the rising sun.
41. International studies—flags symbolizing all nations.
42. Drama—the original Dionysis plan for a Greek theatre.
43. Physics—hydrogen wave patterns.
44. Faculty of Agriculture — the squares are symbolic of ploughed fields over which is superimposed the shape of a market basket. The following symbols are in the squares: top center, animal gene symbols for animal husbandry; top left, the sun, for growth; top right, a wheel for agricultural engineering; middle, dollar sign in wheat seed for agricultural economics; lower left, an egg yolk for poultry husbandry; lower right, a leaf, for horticulture, and lower middle, equation for chromosomes splitting for plant genetics.
45. Home economics — early Greek symbol for the family and home.
46. Institute of fisheries—a fish.
47. Social work—a triangle, symbolic of the state, the recipient and the giver.
48. Nursing—a white cross over a basin.
49. Commerce—the monetary division of the dollar.
50. Architecture—plan of the Parthenon.
51. Philosophy—a question mark in the center of a maze.
52. Psychology—a maze.
53. Physical education—the Olympic torch.
54. Town planning—the wheel for division of space.

MORE COLLEGE ENGLISH

By David Brock

In the last issue I printed a short article on the illiterate and often meaningless English affected by many educated persons today. They employ their horrible style to distinguish themselves from the uneducated, a distinction almost without a difference, for although they have been to college, as you can tell by the jargon they acquired there, they have remained barbarians.

Yet there is a difference, at that. The totally uneducated barbarian does little harm to the language, but the damage done by the new race of pedants is huge. According to the gloomiest prophets, these intellectual vandals may cause a new dark age. It is all too easy for a prophet to imagine every trend is the down train to hell, non-stop, with ourselves holding one-way tickets. On the other hand, even the gloomiest can be more than half right, once in a while. The way to avoid a dark age is not to assume, optimistically, that it can never happen. A better way to fool a prophet is to half-believe him and take what precautions are still possible. For an age of anxiety, ours seems complacent about some very odd things.

Every truth has its opposite truth. It should be the duty and pleasure of the educated to observe which half of any truth is getting too much support, and to shift their own support to the other side. Neglect of this duty becomes an intellectual treason, une trahison des clercs. If, for example, we notice that not all growth in a language is necessarily healthy growth, we can fight a rearguard action against the phoney new pedantry and its scientisms. (I have used two new words there, "phoney" and "scientism", to show I am no enemy of mere newness as such.) Against the college-bred decadence of the English language, with its pathetic delusions of grandeur and its instinct to murder first clarity and then meaning, we must bring an older tradition, at the slight risk of being called pedants ourselves.

It would be ironic if our enemies called us bookish, for they are drowning the language in a bigger, deeper and muddier swamp of books than ever existed in the world before. Never was an age more bookish, in the sense of picking up bad habits in libraries. Its victims have a terrible appetite for any second-hand opinion which begins with "Science proves" or "The latest methods show", and if the article or book or thesis is written in vague current catchwords to match its vague current catch-thoughts, it

Chronicle humorist David Brock takes a second look

at College English, finds that we are surrounded by all sorts of nonsense

and urges a 'clean mouth program' to put a stop to the decay of language

will be readily swallowed by the intellectual drug addicts of every campus, and hasten the final destruction of their mental chemistry.

Such work will almost certainly be studded with bumpy little clusters of nouns, not as an intelligible form of Braille by which the seeing can communicate with the blind, or the blind with each other, but rather as children might pretend to be inventing Braille as they went along. This element of pretense is what appeals to the new scholars, and it is what frightens and tires the old ones and makes them glad to die. It is dispiriting to hear one's colleagues talk rubbish and imagine a vain thing.

I discovered long ago that most human business consists of variations on the children's game of house, "Let's pretend we're grown-ups." Most grown-ups are madmen who think they are grown-up. As a proof of this, consider all the professors and students and graduates who, as you read these words, are attending meetings which have no purpose whatever. To attend a meeting without an object is to show an interest. An interest in what? An interest in playing house. True, a meeting is supposed to gather facts, and it is therefore scientific, and therefore good. It may also help to pin some wrong names on the supposed facts, which is also scientific and therefore good. But to meet at all, that is the main thing. And if that isn't house, what is?

The books and their writers are also playing house. Their favourite variation is a kind of intellectual cake-walk, in which the performers strut and pose in what they take to be an elegant manner. You will find an excellent description of a cake-walk, called in the Barbadoes of 1810 a Dignity Ball, in Marryat's **Peter Simple**. By a happy coincidence, the same book contains the only known description of flapdoodle, "the stuff they feed fools on."

I mentioned clusters of nouns. These lend a fine air of precise, methodical scientism to the author's dignity ball. In his recent book, **The House of Intellect**, the provost of Columbia University, Mr. Jacques Barzun, points out how educators (of all people) will write "a high-clarity statement" or "a high-firmness correction" when they mean "a clear statement" or "a firm correction." Coupled with this Germanic piling-on of nouns there is an almost morbid fear of verbs. Barzun quotes a dentist

who instead of saying "Brush your teeth" would say "I'd like to enlist you in a clean-mouth program." "Enlist" and "like" are verbs all right, but they avoid the vital word "brush" and allow it to be replaced by the neo-pedantic and mealy-mouthed noun-cluster of "clean-mouth program", with its false air of precision, joint effort, community service, scientific progress, technical terminology, and what is now called euphoria by way of another technical term.

As Barzun points out, all the western languages (and not just English) are feverishly magnifying trivial events through terminology. In another example, he quotes a shopkeeper who does not think of himself as busily selling his own goods. He depersonalizes this statement into a grandiloquent speech about "a major belt of selling-hours." This is not shopkeepers' English about the romance of trade. It is college English (now written and spoken everywhere), and it serves the snobbery and romance of technical lingo. A phoney technical lingo. Such talk is impersonal. The individual becomes important vicariously through his babblings about programs, activities, processes, major belts, and other abstractions. It is a queer ambition, but almost universal today.

According to Barzun, with whom for once I agree, the resulting strings of abstract nouns are beginning to weaken human thought. (Incidentally, one of the first attacks on such nouns was made by Gertrude Stein, who could be a wise old woman when she occasionally forgot to pretend she was an idiot). Barzun says: "This sort of writing, easy to write and dull to read, is the surest protection against the critical analysis of thought. It sounds as if its meaning were not only lucid but important." He then quotes a description of a college course on nursing: "This is undertaken in the context of comprehensive patient care and includes theory and supervised practice related to the assumption of a leadership role." "In the context of" . . . "related to" . . . "the assumption of a leadership role." Barzun asks "Who is doing what? No one; nothing. This part of a nurse's training has been lifted from the world of bedpans and wrinkled sheets to the abode where the eternal abstractions are."

It might be a good idea to have a look at Barzun's whole book on our betrayal of the intellect. **The House of Intellect**. Harper. 1959. \$5.00. And especially the chapter I have just been quoting, which is entitled "The Language of Learning and of Pedantry." As I have said, I do not always agree with Jacques Barzun. For example, in the middle of a book about our duty to the human mind, I am embarrassed by his talk of the low wages and long hours which are a thinker's lot. Most of us who try to use our brains, such as they are, would settle for nothing shorter than a 112-hour week, and our chief complaint is that we haven't time to write as many books as Barzun does. And as for his belief that **The New Yorker** is written by and for intellectuals, God help us, I think he betrays himself in one sense and the reader in another. A few years ago **The New Yorker** printed an article on Swift by Edmund Wilson, who had obviously just heard of Swift. It bristled with mistakes. In justice to Swift, whom he loved and whom he so often found shabbily treated, a friend of mine wrote to correct these

mistakes. **The New Yorker** replied to the effect that while errors can be harmless or even interesting, corrections are mere dull pedantry and cannot be tolerated in print. So much for magazines written by and for intellectuals. Another friend of mine once sat down to see how many illiteracies he could find in a single issue of **The New Yorker**. On finding seven in the first six pages he said "This game is too easy," and he threw down his pencil. But I would not let Barzun's faults put you off this particular book. In spite of his blend of innocence and arrogance, which has disconcerted some of us before now, and in spite of a few awkwardnesses in his own prose, he is on the right side. At present there are few enough of us on that side. Which is his theme, and mine. It gets a little lonely. Fighters are unfashionable.

Just as we evade fights, so by a similar cowardice do we allow intellectual evasions. We are now brought up to think it anti-educational to call things by their right names. (Sorry. People aren't brought up any more, they are "oriented.") Sometimes they are "oriented to a climate of thought.") And speaking of becoming anti-educational, Barzun omits one cause of intellectual suicide which I had forgotten myself and which has been drawn to my attention by a reader of my first article. She says that few persons of intelligence and spirit can endure long years of boredom in a school of education which permits itself to talk about "structuring the implementation of cores," or which can assert that "an analysis of the relationship between the somatotype and the psychotype showed an especially frequent occurrence of dominant cerebrotonia where somatotype dominance is ectomorphic." They cannot endure it, and they refuse to become teachers at all.

Barzun says, nor can he be wrong, that the decay of our language is not only an effect of sick intellects but also a cause of them. Language is the sole thing that ensures the continuity of learning and wisdom. When that goes, everything goes. If any reader fancies he and I are talking merely of fluency and grace, he is a true and dangerous child of the age, and I wish he would jump off the nearest cliff before telling me that one picture is worth a thousand words. The truth is the exact opposite: one good word is worth a thousand stupid pictures. Until we know that, we know nothing at all. As an easy proof on an easy plane, try switching off the sound on your television set. You can usually salvage bad film with goodly words, but you can seldom if ever repair idiotic words with good film. It took Gilbert Seldes a generation to discover this sad truth. He then bravely recanted his earlier heresies against words, and joined our tiny minority, much too late.

Is it ever too late? If we did not believe it possible to win against impossible odds, I think we would all jump off some handy cliff ourselves. We are surrounded by nonsense on three sides, and there is a cliff on the fourth side. Yet we refuse to surrender to nonsense. All of which sounds unpleasantly virtuous of us. Yet when a thing depends at the last on courage and honesty, it becomes necessary to mention these qualities. At least I haven't talked about a significant breakthrough, nor have I called your attention to the fact that ours too is a clean-mouth program.



EXPERIMENTS

An experiment in extra mural teaching sponsored by the University began this year in Prince George in the interior of the province.

The event is a landmark in higher education in B.C. for it marks the first time that a U.B.C. professor has been in residence off the campus to give University courses.

Ronald J. Baker, an assistant professor in the English department, is in residence in the interior city giving three courses in English to 75 students. Hitherto the University has offered single courses off campus at Kelowna, Nanaimo and other points. In these cases teachers visited these cities once a week and then returned to U.B.C.

The proposal to begin off campus teaching was made last year by the Prince George school board which has agreed to underwrite the full cost of the experimental program. The plan was agreed to by the Senate and the Faculty of Arts and Science after careful consideration.

Mr. Baker will be in Prince George until May, 1961, giving English 200, literature and composition; English 300, composition, and English 439, modern English and its background. The courses are being offered for credit and students have been required to register in the normal way at U.B.C. and pay the regular fee of \$66 per course. Three hours of lectures per course per week are given in the evening and on Saturday mornings. Students will write the same examinations at the same time as U.B.C. students.

Writing to the **Chronicle** from Prince George Mr. Baker says: "With an active living room learning program, a number of extension activities, and with the experimental U.B.C. courses all flourishing, U.B.C. must be in touch with a great many citizens at Prince George.

"Approximately 120 persons came to the registration meeting for the three University courses and after eligibility was checked and the schedule of courses published, 75 students were enrolled as follows: English 200—44; English 300—20, and English 439—11."



Unique experiment in higher education in B.C. began this year when R. J. Baker, an assistant professor in U.B.C.'s English department, took up residence in Prince George to give three University English courses. A total of 75 persons have registered. Mr. Baker is shown above in the office he occupies in Prince George senior high school where the courses are given.

ELECTIONS

Three members of the University senate have been reelected to the board of governors, President MacKenzie has announced. Those reelected are Kenneth P. Caple, Nathan Nemetz, Q.C., and Leon J. Ladner, Q.C. The University Act states that senate shall elect three members to the board for a three-year period.

Mr. Ladner and Mr. Nemetz have served on the board since 1957. Both are practising lawyers in Vancouver. Mr. Caple, B.C. director of the Canadian Broadcasting Corporation, was elected to the board last year to fill the vacancy created by the expiration of the term of office of Mr. Justice Arthur E. Lord.

ENROLMENT

Enrolment at the University of British Columbia has increased more than 11 per cent to a record total of 11,657 students, U.B.C.'s registrar J. E. A. Parnall announced recently.

U.B.C. officials had predicted an increase of between six and seven per cent which would have meant an enrolment of 11,300 for the 1960-61 session.

The largest increase was in the Faculty of Arts and Science where a total of 5837 students registered—an increase of 665 over last year. The Faculty of Education showed an increase of 371 students with a total registration of 2190. Only other faculty which showed a substantial increase was Graduate Studies which has 707 students as compared to 616 last year.

Registration in other faculties is as follows with 1959-60 figures in brackets: Agriculture 179 (171); Applied Science, 1339 (1351); Forestry, 183 (188); Law, 235 (245); Pharmacy, 153 (142); Medicine, 203 (212); Commerce, 631 (654). A total of 8253 men and 3404 women are registered making the ratio between the two groups almost exactly three to one.

CONSTRUCTION

Anglin-Norcross (Western) Ltd. have been awarded a contract for \$608,637 for construction of a new building for the department of chemical engineering on the campus. President MacKenzie has announced.

The new building will be the first of six to be constructed on a 15-acre site at the south end of the campus for the Faculty of Applied Science. The three-storey chemical engineering building will contain 30,000 square feet of space and will cost \$750,000 when completed. It will be finished in August, 1961. A total of 10 companies submitted bids.

The applied science development calls for construction of a central building containing a reading room and classroom facilities required for all engineering students. Grouped around the central building will be five smaller units for the departments of chemical, civil,

mechanical and electrical engineering and the department of mining and metallurgy.

FISHERIES

Four B.C. fishing companies have combined to provide funds for the establishment of a chair in fisheries biology in the Institute of Fisheries at U.B.C.

President MacKenzie announced the establishment of the chair and the appointment of Dr. Norman J. Wilimovsky, chief of marine fisheries for the state of Alaska, as associate professor in the department of zoology and the Institute of Fisheries.

The four companies which have agreed to support the chair with an annual grant are B.C. Packers Ltd., Canadian Fishing Co. Ltd., Nelson Brothers Fisheries Ltd., and Anglo-British Columbia Packing Ltd.

Professor P. A. Larkin, director of U.B.C.'s Institute of Fisheries, said Dr. Wilimovsky would carry out research for the development of better techniques for prediction and regulation of commercial fisheries so that maximum yields consistent with conservation can be achieved.

"To date," Prof. Larkin said, "our work has been chiefly in the field of fish classification and the biology of fresh water fishes. We have felt that an increasing emphasis on the management of our marine fisheries was desirable and Dr. Wilimovsky's experience in Alaska makes him particularly well-suited for this kind of work."

Dr. Wilimovsky is a graduate of the University of Michigan where he received the degrees of bachelor of science and master of arts. He did further post-graduate work at Hopkins Marine Station, Monterey, California, and at Stanford University which awarded him his doctorate in 1955.

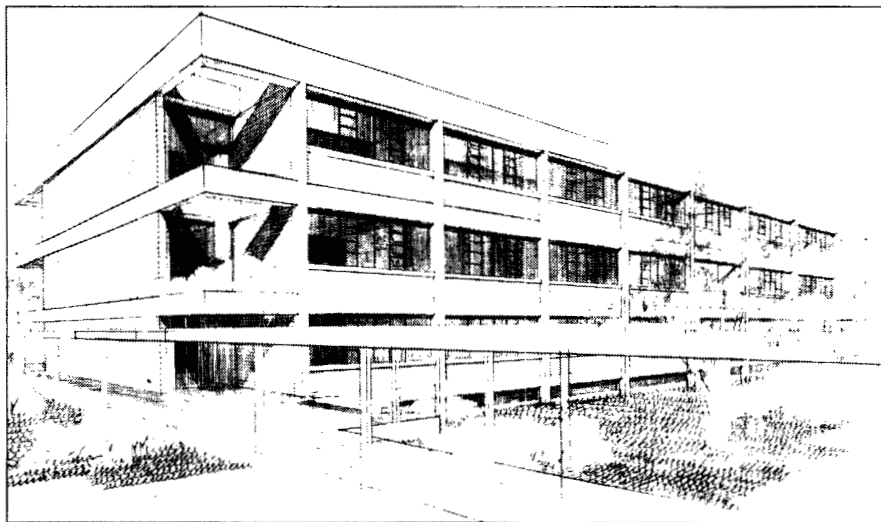
He directed several research projects at Stanford and served as a research associate there until 1956 when he was appointed to his present position in Alaska.

In Alaska, Dr. Wilimovsky developed a number of new research techniques including the use of radioactive tracer tags for studies of fish population. He has served as president of the Alaska division of the American Association for the Advancement of Science and has a large number of publications to his credit.

B.C.'s fishing industry makes many other contributions for the support of fisheries work at U.B.C., including four scholarships and support of the library fund for the purchase of books on fisheries and assistance in scientific investigations.

EXPEDITIONS

Search for new species of fresh water fishes on a barren island in the Bering Sea this past summer has strengthened the belief of Dr. C. C. Lindsey of the Institute of Fisheries in a pre-ice age land bridge connecting Asia and North America.



New 15-acre development for the Faculty of Applied Science has been announced by the president, Dr. N. A. M. MacKenzie. Shown in artist's sketch above is a \$750,000 building for the department of chemical engineering—the first of six to be built on the site. Contract for the building, which will contain 30,000 square feet, has been awarded. Other units will be constructed as funds become available, President MacKenzie said. Architects are Thompson, Berwick and Pratt of Vancouver.

It was to test the land bridge theory that Dr. Lindsey, associate professor of zoology and curator of fishes, and his companion, J. D. McPhail, zoology graduate, sought fresh water fish on St. Lawrence Island, believed to be the remnant of a land strip which sank with rising sea levels when glaciers melted at the end of the ice age.

Mountainous and about 100 miles in east to west length, the island is closer to Siberia than Alaska, with the coast of Russia within sight of the island's western tip, Dr. Lindsey said. In its numerous fresh water lakes and rivers the U.B.C. scientists discovered three species of fresh water fish which, Dr. Lindsey claimed, could not possibly have reached their present habitat except through the fresh water channels of a land bridge, as they would die in salt water.

Of the three new species Dr. Lindsey considers the Alaska black fish "a most interesting little beast." He sent eight live specimens caught on the Alaska mainland to the Vancouver Public Aquarium. These fish are found only in the Arctic adjacent to the Bering Sea, Dr. Lindsey said, and he tells a common story of these five-inch fish being frozen in ice blocks, thrown to the husky dogs and becoming active again when thawed out in the dogs' mouths.

Other freshwater species were the 15-inch Arctic grayling, a sports fish attracting increasing interest in northern British Columbia, and the three-inch slimy sculpin.

The summer expedition, sponsored by the H. R. MacMillan annual grant and the Arctic Institute, yielded 1300 pounds of fresh water and marine specimens which were shipped to the U.B.C. Institute of Fisheries for study.

A trip was made by Dr. Lindsey into headwaters of the Peel River in the Yukon Territory in search of the rumour-

ed "popcorn" fish, but it has so far remained elusive, he said, despite capture attempts with nets. Several other species of fish were taken but none resembled the so-called "popcorn" fish which several Yukon residents report having seen.

Indian tales of fresh water flying fish were also investigated by the party, which travelled by chartered plane to a lake east of the Klondike. The flying fish proved to be a dwarfed form of the Arctic grayling, a little fish with big fins. The lake was so overpopulated with the hungry fish, said Dr. Lindsey, that their constant leaping into the air in search of food sounded like a heavy downpour of rain on the lake surface.

Finds in the Peel River within the Arctic Circle never before reported were the flat head chub and spoon head sculpin, according to the two scientists.

During their stay on St. Lawrence Island, Dr. Lindsey and his companion lived with the Eskimos in their driftwood shacks and ate the dehydrated food they carried when they flew in from the Alaska mainland. Water travel was by 20-foot walrus-hide oomiaks driven by outboard motors.

The native inhabitants of the island, explained Dr. Lindsey, lived in primitive fashion, despite outboard motors and rifles, and spoke a language which differed considerably from that of the mainland Eskimos.

STUDENT NEWS

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

Hazing has been officially abolished at U.B.C. For the first time new students were welcomed by lectures, tours, banquets and dances but not the traditional dunking in the campus lily pond.

A more mature outlook to frosh orientation was suggested by last year's Students' Council. In other universities students have been injured by foolish hazing pranks. Although this has not happened at U.B.C. the Council has taken all precautions to insure that the possibility does not arise.

Frosh orientation week featured tours of the campus, information programs by the Students' Council, and banquets sponsored by various campus organizations. Freshettes were introduced to the University by their big sisters at the annual Big and Little Sister Banquet. The Associated Women Students' program featured skits by the Women's Athletic Directorate and speeches by leading campus women. Boys were introduced to the athletic system at the Big Block Club's smoker. Coaches and top university athletes entertained freshmen with stories of U.B.C.'s athletic prowess.

Climaxing the Frosh Week was the Frosh Reception dance at which Chela Matthison was crowned Frosh Queen. Out-of-town students received extra orientation at dorm meetings with the student councillors.

A gala Clubs Day offered new students a chance to join University activities. This event, sponsored by the University Clubs Committee, gives each club or student organization a chance to decorate a booth in the Armoury for the purpose of enticing prospective members. Winning display was again presented by the Varsity Outdoor Club.

Last year's provincial high school leaders were given a chance to meet student councillors and faculty on an informal basis at the Frosh Retreat. First year students selected from all parts of the province joined Alma Mater Society leaders at Camp Elphinstone to discuss student problems, finance, publications and athletics in a three-day retreat.

This is the second time this event has been held. The idea of the conference was proposed to give a few of the new students a better insight into student government and to hear some of the ideas of their future leaders and professors.

On the Thanksgiving weekend upper-class students met at the same place to discuss similar problems from the administrative point of view.

The Men's and Women's Athletic Associations introduced athletics to the campus at the first Athletic Day on October 20. Gymnasts, fencers and judo competitors gave exhibitions of their art. The object of the event was to show the spectator and the participant the variety of sports offered at U.B.C.

This year's Homecoming from the students' point of view was a great success. Thirty-five hundred students jammed War Memorial Gym to hear the Mills Brothers at the Homecoming pep meet. The renowned singing group drew thunderous applause from the crowd for their singing of both old and new favourites. After three encores as they left the stage for the fourth time the students were still calling for more.

Music School Appeals for Instruments

The school of music has appealed to graduates and friends of the University for donations of musical instruments—especially pianos—to aid their teaching program.

At least 12 pianos are urgently needed by the school which began offering the bachelor of music degree last year.

A huge, black, concert grand once played by the late Polish pianist Paderewski has been donated to the school by the citizens of Walhachin, a village of 12 families near Kamloops.

The gift was accepted on the understanding that UBC would supply an upright to replace the showpiece which has been played at dances and concerts in Walhachin for the past 50 years.

So far the school of music has been unable to acquire another instrument as a replacement.

Colonel Harry T. Logan was presented with the 1960 Great Trekker Award by AMS president Dave Edgar at the rally. Vancouver chairman of the Community Chest, J. Gordon Gibson, addressed the students briefly, thanking them for their support of the Red Feather Campaign, and expressing hope that these same students, as adults, would continue to support the drive.

Thunderbird football coach Frank Gnuip introduced his team and said support of even half the students present would "push us over the hump on Saturday." This was obviously the case since at Saturday's game the Birds defeated Saskatchewan Huskies 12-0.

Jane Spratt, Miss Engineering, was crowned Homecoming Queen at Friday night's Homecoming ball. The princesses were Fort Camp's Irene Pennacchiotti, and Forestry-Home Economics' choice Bonnie Waugh.

Every B.C. and Yukon high school will be represented at the Fourteenth Annual High School Conference to be held at U.B.C. February 24-25, 1961.

Kyle Mitchell, chairman of the Alma Mater Society committee organizing the event, stated: "The ultimate aim of the conference is to acquaint every Grade 12 student with the facilities available at U.B.C. In order to achieve this, every delegate must make a thorough report of his findings to his fellow students."

To obtain a true picture of university life, the delegates will tour the campus, attend sample lectures, and take part in panel discussions and extra-curricular events.

The conference, unique in Canada, is jointly sponsored by the B.C. Teachers' Federation, B.C. Parent-Teachers' Association, and the U.B.C. administration.

Saving Time . . .

This is the age of speed . . . we find it in travel . . . in new manufacturing processes . . . in "paper work" . . . and in a multitude of ways to get things done faster . . . and better. In most cases saving time can be an advantage, but there are exceptions. One exception is the planning of an investment program. Here, too much speed might be harmful. To prepare an investment program suited to your needs requires careful planning.

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THE FACULTY

President N. A. M. MacKenzie in September attended the third general conference of the International Association of Universities. The conference, which is held every five years, took place at the National University of Mexico. In November, the President attended meetings in New York of the Carnegie Endowment for the Advancement of Teaching and the Teachers' Insurance and Annuity Association, and addressed the Canadian Society of New York. Later he flew to Ottawa for meetings of the Canada Council, and while there addressed U.B.C. graduates and the librarians' group of the Professional Institute of the Public Service of Canada.

Dean E. D. MacPhee, assistant to the president, in September attended an international management conference in Paris sponsored by the Organization for European Economic Cooperation.

Dean Blythe A. Eagles, head of the University's Faculty of Agriculture, was given a fellowship in the Agricultural Institute of Canada in recognition of his contributions to Canadian agriculture, particularly in education, at a dinner given in his honour in October. The occasion coincided with the annual meeting of the deans of agriculture from across Canada, and was arranged by the Vancouver branch of the Institute.

G. Neil Perry, BA(Brit.Col.), MPA, MA and PhD(Harvard), has been appointed dean of the Faculty of Commerce and Business Administration, succeeding Dean MacPhee now assistant to the president in charge of finance and administration. Born in Victoria, Dr. Perry attended Victoria College before coming to U.B.C. Dr. Perry's first job was as secretary of the provincial government's economic council and he later became director of the Bureau of Economics and Statistics. He was economic adviser on Dominion-Provincial relations and played an important role in the federal-provincial tax rental scheme of 1947. He then moved to the federal department of finance, served as financial counsellor at the Canadian embassy in Washington, and executive for Canada on the boards of the International Monetary Fund and the International Bank for Reconstruction and Development before joining the World Bank in 1954 as assistant director. For the last six years he has served the Bank in various parts of the world.

Dean E. D. MacPhee, who continues as a member of the University faculty, came to U.B.C. ten years ago as director of the school of commerce which was then a part of the Faculty of Arts.

He became the first dean of the Faculty of Commerce and Business Administration in 1956. For 20 years prior to coming to U.B.C. Dean MacPhee was a managing director or senior executive in a variety of industrial and commercial organizations in Canada and Great Britain.



Dean G. Neil Perry

Dean MacPhee was educated at Acadia University and the University of Edinburgh and following World War I he lectured at Acadia and the Universities of Alberta and Toronto. From 1929 until his coming to U.B.C. he was employed in industry. During World War II he built and established factories for aircraft production and repairs in Great Britain.

Harry R. Bell, BASc(Brit.Col.) Dipl. Survey and MSc(Eng.) (London), assistant professor in the department of civil engineering, attended the ninth international congress of the International Society for Photogrammetry in London, England, in September.

Jacob Biely, MSA(Brit.Col.), MS (Kansas State College), chairman of the department of poultry science, has been awarded the Ralston Purina prize and \$1000 "for outstanding service and guidance in teaching the science of poultry." The award was presented at the 49th annual meeting of the Poultry Science Association in Davis, California.

Brock Fahrni, MD(Man.), F.R.C.P. (C), has been appointed associate professor in the department of medicine. He will teach in the field of chronic care and lay the groundwork for the establishment of a school of rehabilitation. Dr. Fahrni, who joined the staff of the Faculty of Medicine as a clinical instructor in 1952, is a practising specialist in the field of internal medicine and geriatrics, and will also advise B.C. Hospital Insurance as a special medical consultant in chronic care. He did post-graduate work at the Mayo Clinic and at the National Hospital in London, England.

Denys K. Ford, BA, MD(Cantab.), F.R.C.P.(C), has been appointed an associate professor in the Faculty of Medicine. He will carry out research in connective tissue diseases and rheumatology in a new unit established with a gift from the Canadian Arthritis and Rheu-

matism Society (mentioned on p.33 of our Autumn issue). Dr. Ford, who has been a member of the faculty since 1954, worked at London Hospital and at New York University before coming to the Vancouver General Hospital as a fellow in clinical investigation. He has published numerous articles on the subject of rheumatism and arthritis in medical journals.

William C. Gibson, BA(Brit.Col.), MSc(McGill), D.Phil.(Oxon), MDCM (McGill), F.A.C.P., Kinsmen Professor and head of the department of neurological research, has been named U.B.C.'s first professor of the history of medicine and science in the Faculty of Medicine. His neurological research unit, to be known as the Kinsmen Research Laboratory, will be absorbed by the department of psychiatry. Dr. Gibson will continue to act as its head for the time being.

SPORTS SUMMARY

By R. J. (BUS) PHILLIPS
U.B.C. Athletic Director

Oarsmen from the University of British Columbia, under the inspiring leadership of Frank Read, once again brought honour and distinction to their University, to British Columbia and to Canada, as a result of their splendid performance at the Rome Olympics. The U.B.C.-V.R.C. eight-oared crew brought home Canada's only medal of the Games, by placing second in their event, which was won by a strong contingent from Germany.

Ever since Frank Read coached a U.B.C. crew to a gold medal at the 1954 British Empire and Commonwealth Games, the standard in this particular sport has been consistently high. For other University crews have performed brilliantly at the Royal Henley, the Melbourne Olympics, the 1958 B.E.&C.G. and the Pan American Games. Even when the coaching was done by one of Read's own products—John Warren in 1958 and Dave Helliwell in 1959—the results were excellent, for he was there in the background, giving the support and counsel where it was most needed.

It was no easy task to persuade Read, a very successful businessman, to come out of retirement for the 1960 campaign and train a crew for the Olympics. One could not overestimate the personal sacrifices he made, and we are grateful to him for it. He proved, beyond a doubt, that Canadian athletes, given proper leadership, rigorous training, sufficient financial support, and adequate equipment, can perform up to international standards.

Following are the names of the Olympic oarsmen from U.B.C.: **eights**—Dave Anderson, Glen Mervyn, Don Arnold, Bill McKerlich, Archie McKinnon, Walter d'Hondt, Nelson Kuhn, John Leckie and cox Tom Biln; **pairs**—Keith Donald and Lorne Loomer. While entered in the paired-oar event at Rome, these fine ath-

letes were basically the spares for the eight. The student manager, Dave Gildanders, did not accompany the team to Rome, but he was a vital cog in the over-all 1960 operation.

The oarsmen were honoured by the Alma Mater Society and the University at a special function held in late November—when captain Bill McKerlich returned. Archie McKinnon and Nelson Kuhn will spend a year in Europe before resuming their studies at U.B.C. The Vancouver Rowing Club and the Big Block Club at U.B.C. are making plans for special awards.

More than sixty recruits turned out for the meeting of the U.B.C. Rowing Club this fall, all eager to start the intensive conditioning program which will continue through the winter and into the spring term. 1961 is a year when no world meets are scheduled, but it is hoped that a top crew will travel to England for the Royal Henley Regatta—if sufficient funds can be raised. Laurie West, who stroked Frank Read's 1956 Olympic crew, has taken over the coaching duties for the 1960-61 campaign.

Through the co-operation of the B.C. Packers Ltd., the University crews are conducting trial runs on the north arm of the Fraser River, starting from the B.C. Packers net loft. If it is feasible to train on the Fraser, as U.B.C. crews once did many years ago, efforts will be made to establish a launching site close by the University as an alternative to the Coal Harbour site where traffic conditions are becoming increasingly perilous.

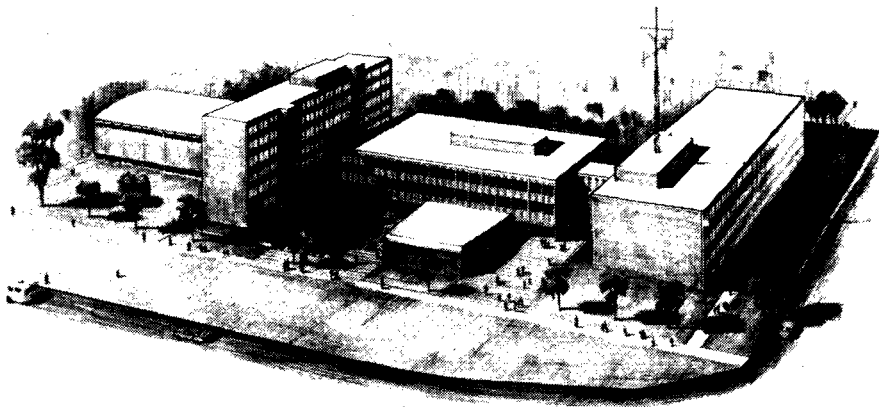
TEES MEMORIAL TROPHY

Miss Sally McCallum, U.B.C. student from Vernon, B.C., has been awarded the Fred Tees Memorial Trophy, as the outstanding Canadian track and field athlete enrolled with a Canadian university during the 1959-60 term. Sally was a member of Canada's Olympic track team, competing in three events—the broad jump, hurdles and relay. She was a triple winner in the Canadian championships last summer, and set a Canadian record of 11.2 seconds in the 80 metre hurdles. She is also recognized as an outstanding woman equestrian. Her all-round athletic abilities have already been recognized by the Women's Athletic Committee, and she is a worthy recipient of the national award.

FOOTBALL

When U.B.C. entered the Western Intercollegiate Conference last year everyone expected us to dominate the league, especially in football, a sport which has been absent from the prairie campuses for more than ten years. The "Thunderbirds" were easy victors last season over Alberta and Saskatchewan, finishing up with a 4-0 record and the Hardy Trophy.

What most people overlooked was that junior football has its stronghold on the prairies, and many of these players would attend the universities. This was proven during the current season when a strong Alberta team knocked the 'Birds back on



B.C.'s minister of education, the Honourable Leslie Peterson, turned the sod for the new education building, shown in artist's sketch above, at a ceremony following fall congregation October 27. Honourable W. N. Chant, minister for public works, the department which has planned the building, said the completed structure would cost between \$3 and \$3.5 million. The central unit of the building, containing general purpose classrooms, will be completed next fall. Structure with curved roof at left is a small gymnasium. Next is a faculty office block and at far right is a second classroom block containing classrooms for specialized education. Entire building, which is being built at the corner of the main mall and University boulevard, will be finished in September, 1962.

their heels by scores of 20-2 and 20-6 on successive weekends. Even the Huskies, without the services of several students who elected to stay with the junior Hilltoppers in Saskatoon, were stronger, and only lost to U.B.C. by scores of 8-0 and 12-0.

This was a closer, hard-fought season, which promised future contests of exciting football, the kind designed to lure the fans away from the professional "play for pay" brand of football entertainment. Certainly the college kids gave it all they had, and the result was often in doubt.

Next year, when and if Manitoba decides to join the three current members of the football conference, one may foresee the gradual emergence of a high standard of intercollegiate football in the West.

W.C.I.A.U. SPORTS

Tennis, golf and cross country championship meets were scheduled during the fall term, and participated in by all of the Western universities.

The University of Alberta walked away with all three titles, to add to the one it had captured in football. U.B.C. finished second in tennis and golf, third in the cross country. U.B.C.'s Gary Puder was the golf medallist, and Geoff. Eales won the cross country individual award.

RUGBY

The highlight of the rugger season came early this year, when the top ranking Japanese Yawata Rugby Football Club visited Canada for a series of six games—in Toronto, Montreal, Victoria, Vancouver and at the University.

A very fit group of twenty-four Japanese youths, representing the Yawata Steel Company, showed speed and skill to win four of their six games, losing only to a heavier, more experienced B.C. all-star team and finally to the "Thun-

derbirds" who played an inspired game to win by a score of 18-11.

Rugby officials feel this visit, following close on the heels of the B.C. tour to Japan last year, may be the forerunner of many exchanges between the two countries.

EXPERIMENTS

A U.B.C. graduate student has carried out tests which show that athletic skills can be improved if you think hard about them.

Ian Kelsey conducted the experiments in the school of physical education and recreation while preparing his master's thesis. His conclusion: mental practice can improve motor skills.

Here is one test Kelsey carried out:

Twenty-four students were divided into three groups of eight. Group one did as many sit-ups as they could on the first day of the experiment and then tried again 22 days later. Group two practiced hard each day while group three tried once and then thought about sit-ups for the remaining 22 days.

Here are the results:

Group one—those who did no daily practice or thinking about sit-ups—showed barely any change. Group two—the daily practice group—improved 32 per cent and group three—those who thought hard about it—improved 30 per cent.

Daily practice, says Kelsey, produces the best results but the statistical formulae applied to the results show that the thinkers improved themselves significantly. Kelsey found he got the same results in experiments in running, throwing, dart-tossing and basketball.

Doctors say the results could be explained by increased neural impulses in certain channels of the brain due to concentration thus providing better pre-

paration for the activity. Other suggestions were increased motivation and improved ability to concentrate.

For all his experiments Kelsey doesn't recommend only sitting back and thinking about improving your athletic ability. Practice still makes perfect, he claims, but if an opportunity occurs to think about improvement, hop to it.

CENTRAL AUTHORITY

The formation of a central authority for physical education interests in British Columbia was announced recently by Prof. Robert Osborne, head of the school of physical education and recreation at the University of British Columbia.

Prof. Osborne has been named president of the new organization which will be known as the British Columbia Physical Education Association. Prof. Osborne said the new organization would act as a coordinating body representing the physical education section of the B.C. Teachers' Federation and three B.C. branches of the Canadian Association for Health, Physical Education and Recreation.

Up until now there has been no single voice for physical education groups in B.C., Prof. Osborne said. The new group will deal with the B.C. government and act as a clearing house for ideas and policy relating to physical education in the schools, the conduct of amateur sport and physical fitness.

The Association plans to organize branches throughout the province and

SCHOLARSHIP

Many former students and friends of the University have asked how contributions may be made to the memorial scholarship set up to honour the late Thorleif Larsen, the distinguished professor of English who died this year.

Cheques may be sent to Miss Margaret Lalonde, assistant accountant, U.B.C., made out to the Thorleif Larsen Scholarship Fund.

The award will be made to a leading student in English from the second year who is going on to specialized studies in English.

It is hoped that enough money will be raised to endow a permanent and living memorial to this distinguished scholar and teacher.

hold an annual province-wide conference on physical education.

Executive members of the new organization are: Prof. Osborne, president; Dr. Max Howell and Mrs. Marian Penney, both of U.B.C.; Marilyn Russell, West Vancouver high school; Fred L. Martens, Victoria College; Jackie Shearman, S. J. Willis Jr. high school, Victoria; Ken Hurn, president, Greater Victoria branch of the CAHPER; Walter Sorochan, of Burnaby, president of the B.C. lower mainland branch of the CAHPER, and Dan Larsen, Vancouver Physical Education Teachers' Assn., BCTF.

U.B.C. FOREST

Better fire protection for the University of British Columbia's 10,000-acre research forest near Haney in the Fraser Valley is now a reality.

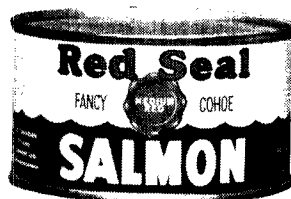
For an outlay of less than \$2000. U.B.C. forest officials have pieced together a bright red fire truck equipped with a tank holding a thousand gallons of water and a high pressure pump and other fire fighting equipment.

The truck will also provide protection for some areas of the Municipality of Maple Ridge, which is adjacent to the forest. Forest officials have also made an arrangement with the B.C. Forest Service, Mission district, to assist them in fighting any outbreaks which may occur near the forest.

Fire chief J. R. Stanyer of Haney and Bruce Webster, Mission district ranger, both agree that the new piece of equipment will be a most welcome addition to the fire fighting resources of the district.

The man responsible for finding the components for the fire truck is J. P. Tessier, resident forester at the U.B.C. property and a graduate of the University of New Brunswick and Yale University.

The truck, a 1948 General Motors Corporation three-ton, was purchased from Pacific GMC Ltd., of Vancouver. The thousand-gallon tank is surplus used equipment bought from Imperial Oil Company, also of Vancouver.



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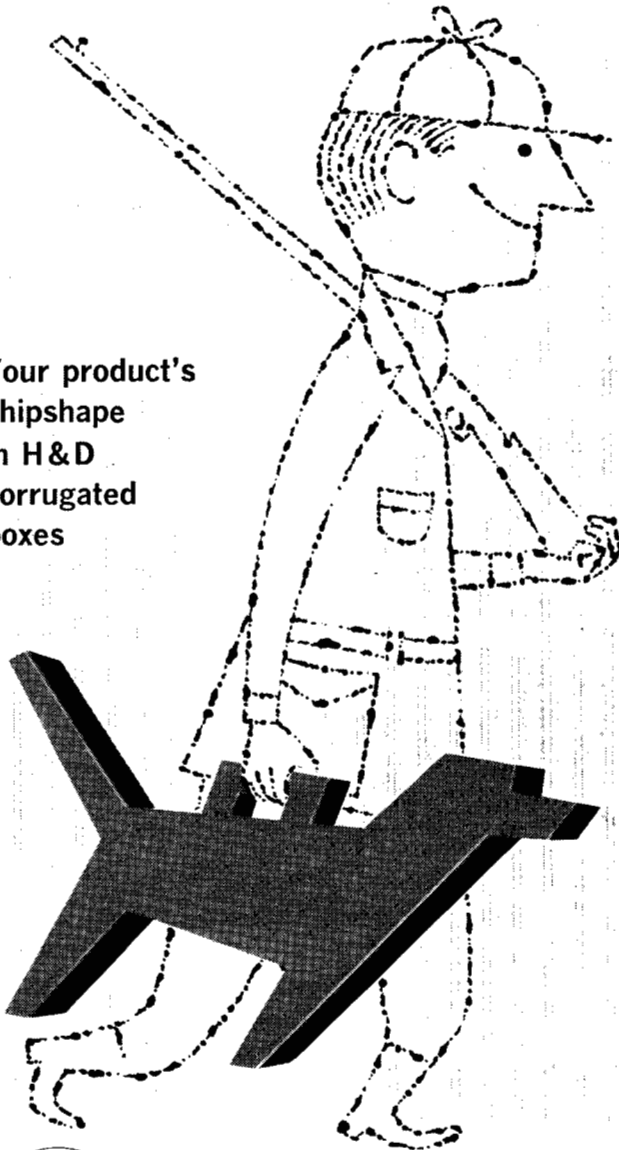
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The task of mounting the tank on the truck and reinforcing the chassis was carried out by the Willock Truck Equipment Company in Vancouver. All the fire equipment on the truck, including the pump, were purchased from Wajax Equipment Ltd.

Mr. Tessier says the U.B.C. forest, which is valued at more than a million dollars, is now protected by more equipment than is required by the B.C. Forest Service regulations. "The big advantage," he says, "is that we are now completely mobile. We can get to any outbreak in a very short time and with our new resources we should be able to get things under control in short order."

AWARDS

Awards for a film and a radio program have been won by the communications division of the U.B.C. extension department.

The film, entitled "Paperchase," was made by students at the 1959 summer school of communications and received an award as the best amateur film at the 12th annual Canadian Film Awards presentation.

The film was praised for "refreshing, imaginative and original use of music and dialogue." The award is a trophy donated by the Association of Motion Picture Producers and Laboratories of Canada.

A pilot radio program entitled "Defence," also produced by the communications division, has received a grant of \$2100 from the National Association of Educational Broadcasters of the U.S.

This is the first time that a Canadian group has received a grant in the non-commercial category. The program is one of a series of ten on Canadian-American relations. Other programs will deal with economics, labour, and political problems.

Vancouver station CKWX has also renewed its \$6000 grant for continuation of the series "Sounds of the city," which was broadcast last winter on Sunday night. An additional \$750 has been granted to the division from the Leon and Thea Koerner Foundation.

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SUN LIFE ASSURANCE COMPANY OF CANADA is pleased to announce that the initial response to its Values in Education series has been more than gratifying. Hundreds of thousands of booklets have been distributed on request to all parts of Canada and the United States. These booklets, which are still available, deal with the advisability of remaining in school; existing scholarships and bursaries; technical and trade schools; school boards and their functions, and sports tips for teen-agers. Bulk shipments can be made to educators for distribution in schools.

Sun Life is now offering a further series of booklets in its Values in Education series. 'How to Get More Fun out of School' is directed to the young teen-ager. It is hoped that 'The Value of a College Education' and 'Why Study the Humanities?' will encourage young men and women to attend university and help them in their search for their proper vocation. Two booklets have been prepared for adults—'Adult Education Today' and 'Educating Yourself for Retirement.'

Sun Life hopes sincerely that these booklets, and others to be issued in the future, will act as a stimulant on the young people of our nation and at the same time prove helpful to parents and educators alike in the performance of their duties. Sun Life will be glad to consider any suggestions concerning topics for future booklets.

SUN LIFE ASSURANCE COMPANY OF CANADA

*Values in Education,
Room 218, Sun Life Building, Montreal*



RESEARCH

A campaign to discourage teen-agers from starting to smoke has been advocated by two U.B.C. medical researchers who have completed the first study of the smoking habits of Canadian university students.

After studying the smoking habits of almost 1000 U.B.C. students and student nurses the researchers, Dr. Philip Vassar and Charles Culling of U.B.C.'s department of pathology and Dr. A. M. Saunders of the Vancouver General Hospital, have reached the following conclusions:

Canadians begin smoking earlier than Americans, but later than teen-agers in Britain and Norway.

The mean age at which Canadians begin smoking is 16.25 years, the report states, with 83 per cent taking up cigarettes before the age of 18. In the U.S. the mean age for beginning smokers is 18 and in Britain and Norway, 15 years. Data assembled by the scientists show that 95 per cent of Canadian smokers start between the ages of 13 and 19.

The proportion of smokers among girls is as high as that among men—a result which the researchers are at a loss to explain since it contrasts sharply with a similar study carried out in Texas.

Other foreign reports have consistently shown that male smokers far outnumber women smokers. The proportion of women smokers has been rising steadily since the war but apparently the increase has been faster in B.C. than elsewhere.

Once an individual has started smoking, he or she is probably addicted to the habit for life.

The proportion of non-smokers in any

group is fairly constant at 43 per cent the scientists found and of the remainder 11 per cent will be smokers who have stopped.

This remainder of 11 per cent "consists of a floating population of addicted smokers attempting to break the habit," the report states.

The report continues: "This is supported by figures from the U.S.A. which show that of eight tobacco addicts who have not smoked for one year, seven will have returned to smoking within nine years."

The scientists conclude: "It would appear the only way to save future generations from the effects of smoking is an effective campaign directed toward the young teen-aged groups in order to discourage them from ever starting to smoke. For it appears that once a person starts to smoke he or she is probably addicted to the habit for life."

The report on smoking habits is an outgrowth of a search for a diagnostic test for lung cancer which the three scientists have been working on at the Vancouver General Hospital.

GRANTS

The Williamson Foundation of Vancouver has made a grant to the University for expansion of work in special education for retarded children, President MacKenzie announced in October.

The president also announced the appointment of Dr. John D. McGann as an assistant professor in the department of special education in U.B.C.'s Faculty of Education and as consultant to the Association for Retarded Children in B.C.

As a member of the university faculty Dr. McGann will assist in the development of summer courses and workshops for teachers and parents of retarded children and will lecture to students in education, medicine, psychology and social work during the winter session.

As consultant to the Association for Retarded Children he will visit the Association's 50 chapters throughout B.C. and work with local organizations for the development of services to retarded children.

The Williamson Foundation, which is part of the Vancouver Foundation, was established by Alan H. Williamson of Vancouver with a gift of \$300,000 for the assistance of retarded or emotionally disturbed persons under the age of 21.

U.B.C.'s department of special education, headed by Dr. J. A. Richardson, was established in 1958 as the result of a grant from the B.C. Foundation for Child Care, Poliomyelitis and Rehabilitation.

Dr. McGann comes to U.B.C. from Montana where he was an assistant professor in the special education department of the University of Montana and educational director and coordinator for the Montana Center for Cerebral Palsy and Handicapped Children.

Eight grants totalling \$16,500 have been announced by the Leon and Thea Koerner Foundation for projects in the fields of cultural activities, medical research and higher education. The Foundation has made a total of 56 grants totalling \$86,835 during 1960. In May of this year 48 grants worth \$70,335 were announced.

The Foundation was established in 1956 with a \$1,000,000 gift from Dr. Leon Koerner, the retired president of Alaska Pine Co., and the late Mrs. Koerner. Grants totalled \$86,270 in 1959, \$78,200 in 1958, \$69,322 in 1957, and \$69,500 in 1956.

Current grants are as follows:

CULTURAL AND CREATIVE ARTS. 1. The National Theatre School of Canada—\$500 for a scholarship in its organizational year.

MEDICAL RESEARCH. 1. B.C. Medical Research Foundation—\$5,000 to assist in the Foundation's general program.

HIGHER EDUCATION. 1. Department of Asian studies, Chinese division, U.B.C. — \$1,000 to acquire Chinese books. 2. Department of Asian studies, Japanese division, U.B.C. — \$1,000 to acquire Japanese books. 3. Institute of Social and Economic Research, U.B.C.—\$2,500 to support the continuing work of the Institute. 4. Department of anthropology, U.B.C.—\$2,000 to bring two visiting professors to U.B.C. 5. Fund for grants to individuals, U.B.C.—\$3,000 for assistance to individual applicants for further study. 6. Anthropology museum, U.B.C.—\$1,500 to acquire museum materials from the Orient.

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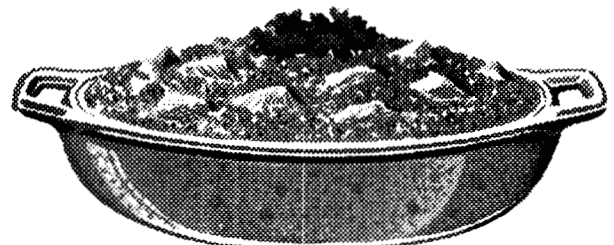


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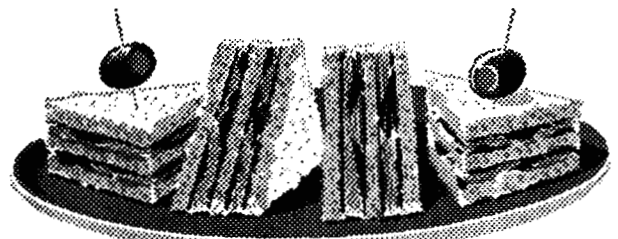
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The Canada Council has announced a grant of \$567,500 to the University for construction of the new fine arts center which will be built on the main parking lot of the University at the north end of the campus. The building, shown in an architect's sketch above, will provide facilities for the school of architecture,

community and regional planning, and department of the fine arts. Construction of the center will begin in January, 1961 and will be completed in March, 1962. The total cost of the building will be \$1,135,000. Architects for the project are Thompson, Berwick and Pratt.

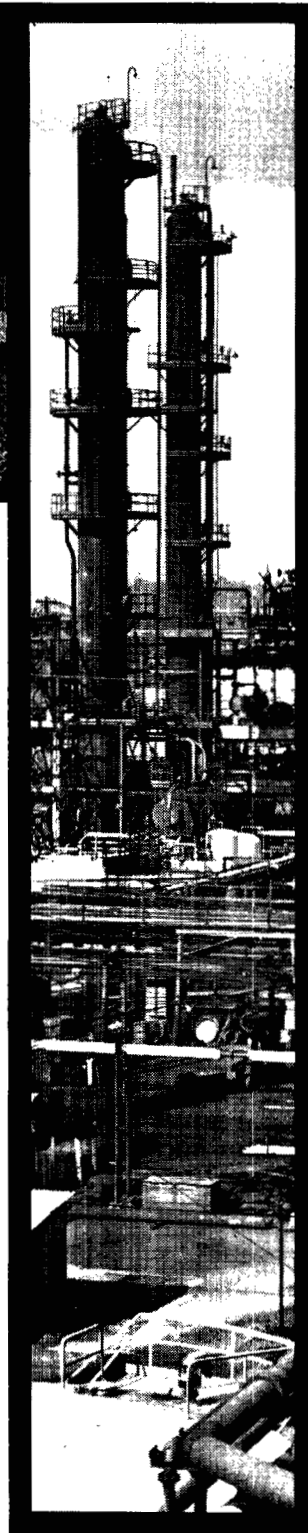


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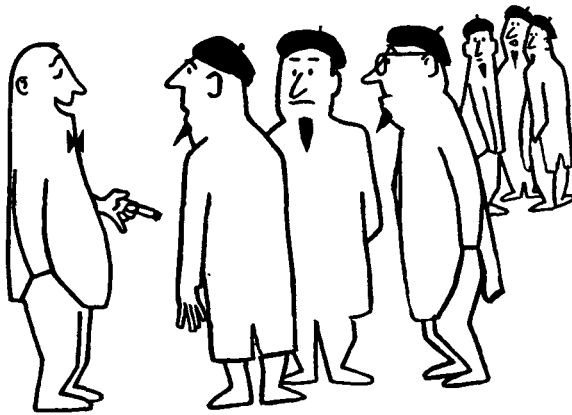
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