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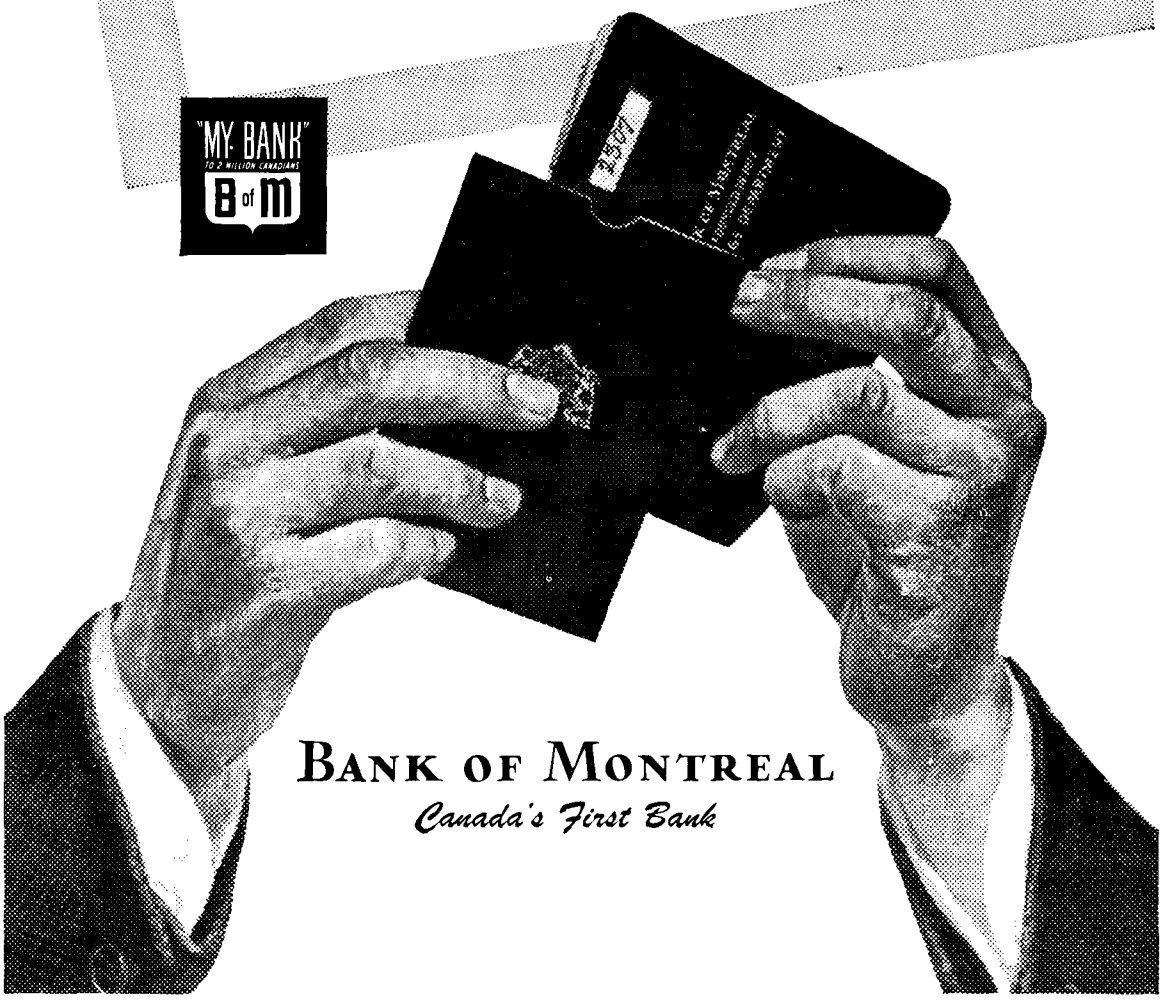

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U.B.C. ALUMNI
Chronicle

Vol. 10, No. 3 Autumn, 1956

FRONT COVER

Autumn Campus in Registration Week

What Can Alumni Do For U.B.C.?

By E. W. H. Brown, B.A.'34, Ex-President, U.B.C. Alumni Association, 1956

E. W. H. Brown

The question assumes a need, implies an obligation and invites an appriate response.

Let us take it in that order.

Right now in Canada fewer than five per one thousand of population attend University. The figure in Russia is twenty per thousand and in the United States, thirty per thousand of population.

The need for University trained minds has never been greater. The demand is now greater than the supply and it will likely continue so for some considerable time into the future. We, in Canada, are in competition with the rest of the world, and if we, in relation to the numbers taking University training in Russia and in the United States, only maintain this relativity in educating our people through University level, it is not hard to see that we shall be lagging far behind in the competitive struggle.

How is our University equipped to face this problem? Even at present enrolment levels, our University's ability to meet its responsibilities in terms of plant, facilities, student lodgings and personnel is barely adequate. The expected natural growth in University enrolment is not now matched by expansion programmes that will wholly meet the predictable need and if we were to increase enrolment rates to the level now current in the United States, the deficiencies in University facilities and teaching personnel would be staggering.

The University Graduate appreciates also that over the long pull, calibre of faculty staffs tends to be determined by the level of remuneration and in this respect University salaries generally are far below those which most, with comparable skills, enjoy outside of University life. While in a relative sense, U.B.C. compares well with Canadian Universities, the fact that salaries are still far below going rates requires solution.

In the briefest of terms there is the problem. It should evoke a special response from Graduates, most of whom appreciate that their four or more years of study, leading to a degree, has been obtained for less than one-third of the actual cost. It seems natural then that the problem should, in a very significant sense, be resolved by the Graduates themselves.

How and where can a Graduate help? He can help, first, by the act of regular personal giving. The amount given is not important—the act of giving is. Interest generally tends to follow the pocket book and regular giving insures a regular interest in the University and its problems.

Secondly, a Graduate is well equipped to sell the need for adequate higher educational facilities to those whom he may favourably influence.

For the Graduate it is not enough passively to interpret the need of more facilities for education. We should take more positive action, give time and effort towards developing broad public support for an increased level of grants from Governmental sources. Graduates are uniquely qualified to do this and can develop among the public generally an understanding of the University's need and support for sharply increased Governmental appropriations.

We know most Governments are aware of the need but the demands on the public's purse are many and Governments are human. If they are unable to discern that there is wide public support for greater grants, they are likely to give less than they should.

There is another great opportunity for securing additional funds. Business and industry generally has not supported higher education to the extent that they should. This is probably because the case for such support has not been forcibly made. Most Graduates are in or will tend to reach positions of responsibility and influence in the business and industrial life of the community and have a unique opportunity to develop a greatly expanded level of corporate generosity.

These then are some of the things that the Alumni can do for U.B.C. The future of our University depends, in an important degree, on how we respond to the challenge.

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STOP PRESS:

Western Ontario Mustangs defeated Thunderbirds 38-13. U.B.C. won the Mile Relay.

U.B.C. ALUMNI CHRONICLE

Published by the Alumni Association of the University of British Columbia

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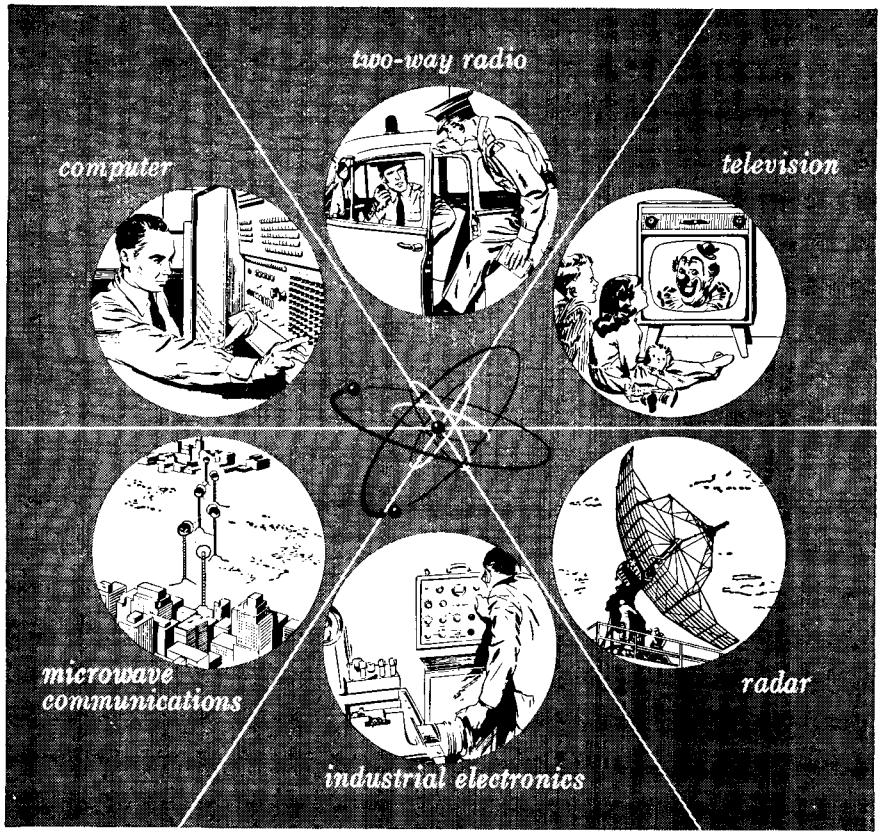

From early radio to TV and today's computers, electronics has speeded progress in industry, defence, communications, safety, and home comfort

Remember those early radios? They were a far cry from the streamlined models of today; yet they helped to change our lives because they were one of the beginnings of electronics. Today, though radio and television are still its most widely known applications, electronics affects almost every phase of our lives.

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The Editor's Page

U.B.C. at Chalk River

A private visit of the Editor to the 'Company Town' of Deep River in the month of June, and the fortunate meeting there with Walter Barss, son of U.B.C. Professor Emeritus Alden F. Barss, resulted in the article on pages 18 and 19, describing the work of U.B.C. men at the Chalk River Energy Plant. Our thanks are due, not only to Walter Barss, but also to Clyde Kennedy, Public Relations Officer at Chalk River, who paved the way for the Editor's visit to the Plant, and especially to Dr. David Keys, Scientific Adviser to the President of Atomic Energy of Canada Limited, for a personally-conducted tour over the site of the innocent-looking pile of metal and other materials known as the NRX (National Research X-Metal) Reactor, and its new neighbour, NRU (National Research Universal), which will have "a power rating and a neutron flux approximately five times as great as NRX when it begins operation this Autumn".

The establishments at Chalk River and the scientific operations there are the end product of over 50 years of Atomic Energy Research in Canada, which began with the work of the late Lord Ernest Rutherford as Macdonald Professor of Physics at McGill. It is, therefore, no mere accident that Canada today is in the forefront of research in Nuclear Energy and its application to peaceful purposes. Confidence that an atomic weapon could be devised moved the Western Nations into a frantic effort of nuclear research in the war years. In Canada the National Research Council became the agent to administer a joint Canadian-U.K. project which began work in Montreal in 1943. In the following year the Staff moved to Chalk River and the decision was taken to build a research and experimental Reactor there. After three further years of experimentation, the NRX Reactor was put in operation in 1947.

In 1952 a government-owned Crown company was formed—Atomic Energy of Canada Limited—which took over from the National Research Council operation of the Chalk River Project. It is impossible to overestimate the importance to Canada and to the world of the objectives being pursued in this work. W. J. Bennett, President of A.E.C.L. has stated that "therapy units, designed and built at Chalk River, using Cobalt 60, are now in use in many parts of the world" for treatment of Cancer and other diseases. The new NRU Reactor, which "will provide larger and improved research, experimental and testing facilities, will be the finest experimental and testing Reactor in the world."

A further step is now being taken, along with the Canadian General Electric Company Limited and the Hydro-Electric Power Commission of Ontario, in the creation of a new Reactor known as NPD (Nuclear Power Demonstration) from which it is expected "to obtain the kind of engineering, cost and operating experience which will make possible the design of economic nuclear power stations". This Reactor is expected to be in operation in 1960, and an effort is being made to obtain "full participation of the utilities and the Manufacturer in the Power Reactor development programme."

International co-operation in the work is on the widest possible scale, as evidenced, e.g., by the Geneva and other Nuclear Energy Conferences this year. As part of Canada's contribution to the Colombo Plan the Federal Government has authorised A.E.C.L. to build an NRX-type Reactor in India.

The magnitude of all these operations is indicated by the total government expenditure on the programme to March 31, 1956, of $160,000,000. A further estimated amount of more than $100,000,000 will be spent during the period to April 1, 1960.

We may be justly proud that so many U.B.C. Graduates are devoting their lives to forwarding these developments which give promise of incalculable benefits to mankind.

Frederic G. C. Wood

Very many of us whose homes are in Vancouver look forward each year to an evening of good entertainment by the U.B.C. Players' Club Alumni. This year was no exception and the production of 'I Am a Camera' in the second week of September lived up to our expectations.

Because of the wide interest in this deeply-cherished U.B.C. institution, a series of three articles is being prepared for the Chronicle, reminding readers of some of the salient activities of the P.C.A. The first of these articles appears in this Issue, generously contributed by Professor Emeritus F. G. C. ('Freddy') Wood, who recounts some of the Club's early experiences, from its establishment in 1933. Founder of the U.B.C. Players' Club in 1915, Freddy Wood was its brilliant Director for many years. The exacting standards which he required in the Players' Club were inevitably carried over into performances given by the Alumni in whose achievements he has continued to take a lively interest.

It is a source of the greatest satisfaction to our Graduates everywhere that the Frederic Wood Theatre will keep green his memory on the campus where staff and students stand so deeply in his debt for a tradition of good plays well presented by members of our Alma Mater.

Harry T. Logan

From the Mail Bag

TRIBUTES TO LEMUEL ROBERTSON

"I have just this minute returned from attending the funeral of our beloved Lemmy Robertson. I thought you might like to know that I was there to represent you and Dr. Todd, and all your colleagues, past and present, who were ever associated with the Classics Department of the University. I felt too that in a very special way I was also representing all the students, past and present, who ever went through his hands, or benefitted from the mark of gentle humanitarian scholarship which he left as his *monumentum aere perennius* at U.B.C.

"The Prime Minister was present, Mr. Pearson, Mr. Martin, Mr. Pickersgill and many others whom you would know, especially from External Affairs but also from many other Departments of Government and walks of life." —G.F.D.

"I never met a better friend or a more inspiring colleague. In fact, he is one of the handful of people whom I feel exercised a powerful and beneficial influence upon my thinking and my teaching career. In spite of the fifteen years difference in age between us, I felt particularly close to him, and always found his company keenly stimulating. In spite of the fact that he wrote little or nothing, he was a truly great scholar."
—A.E.R.B.

"It is sad to learn of Lem Robertson's death. I have always felt that I owed him a very great deal as teacher, scholar and friend, and when I consider the thousands of old students who must share this feeling, I am quite overcome by the immensity of the debt owed to him by the world."
—H.A.T.

"If McGill may claim to have been the mother of the young western University, Lemuel Robertson was undoubtedly the skilful midwife, and both Universities have great reason to honour his name."
(Part of a resolution of sympathy passed by the Senate of McGill University.)

LIKED THE SUMMER CHRONICLE

"The last issue of the Chronicle was excellent. In addition to current interest, it will be a useful future reference." —L.W.McL.

A VOICE FROM UGANDA

"Right now I am somewhat removed from the centres of civilisation and, alas I remain a bachelor. My present company is some hot jazz, coming on the radio from Brazzaville (French Equatorial Africa) mellowed a bit by the grunt of a hippo just outside.

A. C. Brooks, B.A.'48,
(on safari—i.e. in the bush)."

(Allan Brooks is a Biologist with the Uganda Game Department. He writes that he will "be pleased to answer any questions Alumni may have about this part of the world.")

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Branches

CRESTON: Ray Cooper, B.A.'49, LL.B.'50, is the new President of the Creston Alumni Branch and Vaughan Mosher, B.A.Sc.'44, Vice-President, with Walt Wilde, B.A.'50, Past President and in charge of public relations.

CORVALLIS: Iain C. McSwan, B.S.A.'42, reports the following Grads on the Staff of Oregon State College: C. Gilmour, B.S.A.'41, M.S.A.'45; J. E. Oldfield, B.S.A.'41, M.S.A.'49; Harold Nordan, B.A.'48, B.S.A.'50; W. F. McCulloch, B.A.'26; Clarke Ferries, B.S.A.'48; C. W. Vrooman, B.S.A.'34, M.S.A.'36. Bill Vrooman has recently formed his own firm of Consultants.

DAWSON CREEK: G. G. Manson, B.A.'44, Principal of the Junior High School and Alumni contact, attended U.B.C. this summer and discussed Alumni affairs with the Secretary.

EDMONTON: C. A. Westcott, B.A.'50, B.S.W.'51, Branch President, plans a Branch affair in October. Numerically, the Edmonton Branch is the fourth or fifth largest in Canada.

FERNIE: K. N. Stewart, B.A.'32, and Mrs. Margaret Stewart visited the coast this summer and, at the time of writing, are making tentative plans for the President to visit at the time of the Trustees' Convention.

FREDERICTON: The Chronicle Editor visited U.N.B in June and met President Colin MacKay, LL.B.'49, William Argue, B.S.A.'25, B.A.'27, Dean of Science, and Jack Murray, B.Com.'48, Alumni Secretary.

JAMAICA: James W. Lee, B.A.Sc. '47, M.A.Sc.'49, has moved to Haiti from Puerto Rico and is now our contact in Jamaica. He is with the Kaiser Aluminum and Chemical Corporation.

KAMLOOPS: James W. Asselstine, B.Com.'46, Past President of the Nanaimo Branch, is now permanently settled here and has taken over from Miss J. M. 'Bunty' Dawson, B.A.'40, (now in Vancouver) as Alumni contact.

SEATTLE: The third Annual Picnic was held again at the home of Stan, B.A.'25, and Rose Arkley in Bellevue, August 26. Those attending were: Mr., B.A.Sc.'40, and Mrs. John Gunn; Bill Rosene, B.A.'49; Milton Share, B.A.'34; Mr., B.A.Sc.'24, and Mrs. W. J. Heaslip; Mr., B.A.Sc. '42, and Mrs. Bill Hunt; Mr., B.A.'22, and Mrs. Jack Arkley; Ethne Carr; Peter Gellatly, B.A.'49; Elizabeth Norie, B.A.'39; Mr., B.A.'39, M.A.'43, and Mrs., B.A.'39, Robert Boroughs; Mr. and Mrs. Stanley Arkley, Children joined in the fun with their parents.

TORONTO: Ed Parker, U.B.C. Information Officer, visiting Eastern Canada in May and June, spent some time with Roy V. Jackson, B.A.'43, Branch President, and with Rosemary Hodgins, B.A.'49, LL.B.'50. Plans are being made for a winter programme.

UNITED KINGDOM: Lt. Col. William Rae, D. S. O., Convocation Founder, Mrs. Rae and two sons, Kenneth and John, visited U.B.C. in August and had lunch with Dr. MacKenzie, the Chronicle Editor and the Alumni Secretary.

VENEZUELA: Dr. G. W. Crickmay, B.A.'27, of the Venezuela Atlantic Refining Company has taken over from Alumni President H. Leslie Brown, posted to Canada House, London.

Members of Southern California Alumni Branch at the home of Dr. and Mrs. W. F. Seyer. From Left: Back Row—Dr. H. Schjelderup, B.A.Sc.'49; Mrs. H. Schjelderup; Mrs. Guy Confield; Earl MacPherson, B.A.'52; Rod Irving, B.A.Sc.'34; Roy Griffiths, B.A.'51; Mrs. Roy Griffiths; Maxine McSweyn, B.A.'27; Peggie Hartley (Mrs. Fred), B.A.'40; Edith McSweyn, B.A.'29; John Seyer, B.A.'43; Mrs. Rod Irving, B.A.'33; Cora McLennan (Mrs. L. W.), B.A.'22; Mrs. F. E. Deloume; Mrs. Henry Shanfield; Mrs. Frank Seyer; Mrs. A. Smee (née Rosemarie Seyer); Guy Confield. Front Row—Stan Williamson, B.A.Sc.'36; Ruth Williamson, B.A.'35; Les McLennan, B.A.'22; Jean Cross, B.A.'31, M.A.'27, Ph.D.(So.Cal.); Mrs. W. F. Seyer (Hostess); Henry Cross, B.A.'24, M.A.'35, Ph.D. (So.Cal.); Fred Hartley, B.A.Sc.'39; Henry Shanfield, (guest, Univ. of Toronto); Frank Seyer, B.A.Sc.'47; Dr. F. E. Deloume, B.A.'40; Master Deloume; Dr. W. F. Seyer (Host); Peter Duval, B.A.'49, LL.B.'50.

Homecoming and Class Reunions

Pre-Game Luncheon in Brock Hall
Programme for Week of October 29 to November 3

BIG DAY—SATURDAY, NOVEMBER 3

Biggest event for Alumni this Fall is the Homecoming Luncheon in the Brock at noon on Saturday, November 3rd.

Modelled on last year's successful luncheon, this noon-hour reunion of graduates and friends will again feature a buffet or smorgasbord, cocktails and entertainment.

There's a possibility too of a tent-covered chicken barbecue outside the Brock, if arrangements can be made with the weatherman.

Following the luncheon, those taking in the Homecoming Football Game, will "trek" to the stadium for the 1956 Great Trekker Ceremony at 1:50 p.m.

The Thunderbirds meet Central Washington College on the gridiron and, who knows, we may even win!

The Board of Governors, Senate, "Friends of U.B.C.", Convocation Founders, Faculty and Administration will be invited to the affair and it is hoped that the Classes holding reunions during the week will turn out in large numbers.

Please phone ALma 4200 or write 201 Brock Hall for tickets. Price — $1.00.

Six 5-year Classes will hold reunions this Fall during the week of Homecoming — October 29 to November 3.

Circular letters have been mailed to the Classes of 1921, 1926, 1931, 1936, 1941, 1946 and Committees are now being set up to make final arrangements.

Tentative bookings for smorgasbord dinners have been made at the Faculty Club on the following nights:

OCTOBER 29, Class of 1946, 10th	Anniversary
OCTOBER 30, Class of 1941, 15th	"
OCTOBER 31, Class of 1936, 20th	"
NOVEMBER 1, Class of 1931, 25th	"
NOVEMBER 2, Class of 1926, 30th	"
NOVEMBER 3, Class of 1921, 35th	"

Final details of date, place, and time will be sent to all members of the above Classes early in October. In the meantime will members of Class Executives and Vancouver Class members who are willing to serve on Committees get in touch with the Alumni Office.

The Class of 1916, first Class to graduate from U.B.C., held an informal reunion at the time of the Spring Congregation and will not get together again this year — unless there is a special request from Class members.

Graduate Profile—

Norman A. Robertson

By Alfred Rive, B.A.'21, M.Litt.(Cantab.), Ph.D.(Calif.), Canadian Ambassador to Ireland

b. Vancouver, B.C., March 4, 1904. s. Lemuel and Flora (MacLeod) Robertson. m. Henriette Welling, 1928, two d. B.A., U.B.C., 1923. Balliol Coll., Oxford (Rhodes Scholar) B.A., 1926. Brookings Graduate School, Washington, D.C., 1927-28. Hon. LL.D., U.B.C., 1945. Hon. D.C.L., Oxford, 1948. Hon. D.C.L., Cambridge, 1948. Lecturer in Economics, U.B.C., 1926-27. Harvard Univ., 1928-29. Third Sec. External Affairs, May 1929. Special Lecturer, Dept. of Government, Harvard Univ. (leave of absence from E.A.), Oct. 1933 - May 1934. Member, Foreign Exchange Control Board and Economic Advisory Committee, Ottawa, 1939-46. Under Secretary of State for External Affairs, Jan. 1941 - Sept. 1946. High Commissioner to the U.K., 1946. Clerk of the Privy Council and Secretary to the Cabinet, 1949. High Commissioner to the U.K., June 1952—.

Received Freedom of the City of London, 1953. Address: Canada House, Trafalgar Sq. r. 12 Upper Brook St., London, Eng.

The University of British Columbia has no more distinguished Alumnus than Norman Robertson, Canadian High Commissioner in London. No officer of the Canadian Public Service has taken greater responsibility or made a greater contribution within his field. No Commonwealth representative in London is more respected for his ability, his integrity and his friendliness, and there is none whose advice is more earnestly sought.

He is a tall man, broad-shouldered, long-limbed and slightly stooped, as if from frequent bending to listen to men less tall than he. In appearance he reminds one slightly of Lord Cecil of League of Nations fame, and very much of his own Father, the late Lemuel Robertson, Professor of Classics at the University of British Columbia. He has the same large-modelled head with "good bones", as a sculptor might say—the better revealed because he is somewhat bald—the same length of limb, and long, expressive fingers. He has large, brown intelligent eyes, dark eyebrows and broad mouth. As I write, he comes to mind in a characteristic pose, standing before the fireplace or backed into a corner, talking in a quiet voice and gesticulating gently, with a cigarette held between the straight fingers of one hand. He is an unassuming man—unassuming, that is, as a man of his height can be, somewhat diffident in manner, and at times giving an impression, perhaps deceptive, of shyness.

At Oxford, 1923.

He is always ready to hear and discuss others' opinions but equally ready to express his own. He tends, I think, to ponder a problem as he talks, to look at it philosophically and from all angles, and sometimes seems to arrive at a conclusion reluctantly, or even regretfully.

He has a great number of friends and acquaintances in London, although he is probably less well known to the general public than many another man in a similar position. A great many people come to see him in his large and handsome office in Canada House, where from his desk he can look out, through the big window at his side, on Trafalgar Square with Nelson's column, the fountains and the pigeons, and across the square to Whitehall, Northumberland Avenue and the Strand.

But it is not frequently, or for long that Norman is able to sit and contemplate Trafalgar Square. There are people to see, problems to wrestle with, questions to answer and action to be taken. When the pressure of work becomes great he pushes back his chair, stands before his desk and turns over the pages, yellow, white and green, of the file on the blotter before him, dictating at intervals as he reads, or discussing the points that arise with his Deputy or with one or another of the Secretaries. It may be that he has before him a memorandum, or a draft for a despatch, which he is discussing with the man who wrote it. No shoddy work or false conclusions escape his scrutiny. The Department, and the Minister, can depend on the reporting from London; everything that passes over the High Commissioner's desk on its way to Ottawa is sound, and as complete as time permits. By the time it is ready to go forward, it will be illuminated with comment and interpretation based on an extensive and detailed knowledge of what is going on, and on the sound judgment of a man of experience whose hunches are usually right.

Norman A. Robertson

If a decision on policy must be made, or a course of action taken at Ottawa, the High Commissioner will add his own suggestions, which are very likely to be adopted. At the least, they will not be passed over lightly, for the Department Heads and the Minister know what to expect over the name "Robertson" typed at the bottom of a telegram.

The responsibilities of a Head of Mission are as personal as a ship-captain's and as varied as a housewife's. Within the framework of his instructions, his is the final responsibility. It covers the reporting to his own government, the presentation of his government's point of view to the government of the country in which he is accredited, the administration of his own mission and all the duties which fall under the omnibus heading of "representation" — there is not space or time to list them all.

"Representation" is a duty which the Head of Mission shares with his wife and sometimes with his officers; it is always time consuming; frequently pleasant, it sometimes seems unrewarding. In London it can be particularly onerous. It is difficult to define and is most easily explained after the manner of the schoolboy's "Representation is when . . ." It is when there is a wreath to be laid, a court function or a memorial service to attend, a ship to be launched. It is when there is a Minister of the Crown to be introduced to his opposite num-

ber, when there are people to entertain, when there is a speech to make. In short, when at any of these times, or at a hundred others, Canada must be represented as host or guest, sorrowing, rejoicing, honouring or simply showing goodwill. On such occasions in London, "Canada" may mean the High Commissioner, the High Commissioner and his wife, or the High Commissioner's wife alone. Whichever it may be, Canada is worthily represented in London with dignity, approachability and friendliness.

There is much entertaining to be done at the "Official Residence" at 12 Upper Brook Street, and there the Robertsons entertain, with equal grace and friendliness, all manner of persons in a manner suited to each, from the impecunious Canadian student in London to the Queen herself.

The Robertsons are readers, Norman most of all, and it is a constant wonder how much he reads and how varied is the subject matter. He reads critically, what he reads he remembers, and his comments on his reading are always worth considering. Norman's memory is unfailing: only a reckless man will maintain an argument against him on a point that can be checked. (Once, when we were travelling together, Norman overwhelmed me in an argument over the time of departure of our train. We went to the station at the time he said, only to find that I had been right and that the train had already left. The novel experience of being so demonstrably right was, to me, well worth the inconvenience of missing the train.)

For much of the year the Robertsons have few evenings to themselves, but when evening engagements slacken a bit, Norman occasionally walks down Brook Street to the Savile Club for a game of bridge. He is a strong player: a dependable and understanding partner and a wily and resourceful opponent. If he chose to, he might well make a name for himself among the masters. His game is sound and imaginative, even brilliant. His memory of the cards and of the play is automatic and accurate. With his courtesy and good temper he is much sought after for any bridge table.

Norman does not go in for outdoor games, and, if he did, I doubt if he would be very good at them, although with Norman there is really no telling. I am told that he once played goal in a student-faculty game at U.B.C., tripped on a shoe-lace and broke his arm—but this is no doubt a canard. His chief, if not only, form of physical exercise is "taking the dog for a walk". In London this usually means the circuit of Hyde park on a Sunday, or around Grosvenor Square in an evening. These walks can be strenuous for both man and dog, for there usually arises a difference of opinion between the two over the best route to take, and it is a toss-up which will win the argument. Norman has had a series of dogs since further back than I can remember; they all adore him but they treat him as an equal.

He entered U.B.C. from King Edward High School in 1919, at the age of fifteen, just as the young men released from the armed forces were overflowing the classrooms. His maturity of mind, even then evident, won him a place in this older group and he made a number of permanent friends among them. You have to picture all Norman's Undergraduate life at the old Fairview site, in the Arts building, now a part of the Vancouver General Hospital, and in the wooden shacks and huts clustered about it.

After graduation in 1923 Norman went on as a Rhodes Scholar to Balliol College, Oxford. In 1924 I moved to Cambridge, England, on a scholarship, and we spent various holidays together, chiefly in France because living was cheaper there. We walked about Paris a great deal, did a moderate amount of required reading for our tutors and poked about in bookshops and at bookstalls. By the time we started back to England, Norman, who always came to France with the minimum amount of clothing, would go back to England straining his arms with two heavy bags bulging with books.

In 1926 Norman "came down" from Oxford and returned to Vancouver where he lectured for a year at U.B.C. From there he moved to Brookings Graduate School in Washington, D.C. where I caught up with him again, during the winter of 1927-28.

Like many others of the early generation in the Department of External Affairs, Norman had begun his career with teaching. He entered the Department in the summer of 1929 but he did not come to the final parting of the ways until 1934, for, in the fall of 1933 he got leave of absence to serve as Special Lecturer in the Department of Government at Harvard. He returned to External Affairs in May of the following year and has not strayed from government service since.

When Norman first entered the Department at Ottawa he was assigned to a desk in an office, which he shared, on the top floor of the East Block. He was one of a handful of officers who, under the Deputy Head, Dr. O. D. Skelton, did all the work of the Department. As the Department grew, other officers were sent to posts abroad, but Norman remained at Ottawa until he had served seventeen years in the East Block. This did not preclude a good number of Missions overseas, most of them to London and Geneva.

The High Commissioner greets the Governor-General, the Right Hon. Vincent Massey, C.H., at London Airport.

In the fall of 1940, Dr. Skelton died suddenly of a heart attack and Norman took over, first as Acting Under Secretary and, then, at the beginning of 1941, as Under Secretary. It was the most critical period of the war; Hitler controlled Europe and for another full year the countries of the Commonwealth were to face Germany alone. Some of us in the Department wondered how long any man could stand the pressure and responsibility of a position that had killed Dr. Skelton and our congratulations were tempered by this thought. Whatever he may have felt, Norman himself showed no lack of confidence and, in a very short time, confidence in the new Head had spread throughout the Department.

In looking back on these war years, it has to be remembered that Mr. MacKenzie King was then Secretary of State for External Affairs as well as Prime Minister, and that, as well as running the Department of External Affairs, the Under Secretary was constantly called upon to advise him on a tremendous variety of questions, many of them exceeding the strict boundaries of External Affairs responsibility. I have not heard Norman talk much about his work with Mr. King, but it is certain that he was one of Mr. King's most trusted advisers on many questions internal as well as external, and it was Norman Robertson on whom Mr. King mostly depended during his visit to London in the winter of 1945-46 when the post-war world was taking shape.

Norman had been twenty-four when he entered the Department of External Affairs as a Third Secretary; twelve years later, at the age of thirty-six, he had become Head of the Department. This position he had held throughout the five trying years of war that followed. In 1946, at the age of forty-two, he succeeded Mr. Massey as Canadian High Commissioner in London. Then, in 1949 he returned to the top post in the Civil Service, that of Clerk of the Privy Council and Secretary to the Cabinet. In 1952, he went again to London as High Commissioner, where he now is.

At fifty-two, Norman is still a young man, by any kind of reckoning. He has been twenty-seven years in the Public Service, sixteen of them in top-rank posts: in another eight years he will have the option of retiring. Perhaps he will stay longer in the service; I think it is not likely that he will follow Mike Pearson into politics. Perhaps he will return to University work or, maybe, write a book or two. It is anybody's guess.

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The President Reports—

My Visits to Rochester and Stanford

Dear Alumni:

Among the varied experiences which have fallen to my lot during the weeks and months since the end of our Winter Session are two which are of special interest in the field of inter-University associations and which therefore I feel you may like to hear about in the brief space permitted in my quarterly message to you on this page of the Alumni Chronicle.

On June 10 our University was selected for a signal distinction when her President was awarded the Honorary Degree of Doctor of Laws by the University of Rochester, at Rochester, N.Y., where I was also invited to deliver the address to the Members of the Graduating Classes. A week later, on June 17, having accepted the invitation of my old friend President Sterling of Stanford University, I found myself on the lovely Campus in Stanford, California, speaking to the Graduands. Among my hearers was Stanford's venerable Alumnus and benefactor, The Honourable Herbert Hoover.

At Rochester I spoke on "The Future of Canadian-American Relations," and, in pointing out the similarities and differences in our cultural, social and political institutions, and the economic inter-dependence of our two countries, I emphasised the importance to the United States that all our relations shall be maintained in a spirit of the utmost friendliness, for," as I said, "the world will tend to weigh and measure you on the basis of your relations with us—your not too powerful or militant, but nearest and most intimate neighbour." I also emphasised the importance of our remaining a separate and distinct entity, not an economic colony or pale replica of the United States. This, I stated, was important not only to Canada and Canadians but to the United States and the rest of the world as well.

"My subject at Stanford was, "A Vision of Greatness' or, 'The Functions and Purposes of a University', or putting it another way, 'What We, Your Teachers, Try to Do to You or Would Like to Have Happen to you During the Years That You Are With Us'. The following extract will indicate the substance of what I said:

"I have borrowed this phrase, 'A Vision of Greatness', which I use as the title of my address, from Sir Richard Livingstone, who in turn borrows it from the philosopher Whitehead. May I give you the text of this statement and of this concept? 'Moral education is impossible without the habitual vision of greatness'. It could not be put more strongly — 'impossible', 'habitual vision'—(not a chance and occasional glimpse). Outside Plato there is no profounder saying about education.

"'An 'habitual vision of greatness' is necessary not only to moral education, but to all education. A teacher cannot give an adequate training unless he knows, and can make his pupil see, what is great and first-rate in it. How can you train a surgeon unless you show him the finest technique of surgery; or a teacher, unless he knows the best methods of educational practice; or an architect, unless he is familiar with great examples of his art? So, too, with all subjects from building to farming, from carpentry to Greek prose. Much else may enter the student's training; but there is no stimulus like seeing the best work in the subject which he studies; he will have no standards, no conception of the goal to which he painfully struggles, unless he sees the best; he will slip insensibly to lower levels of ideal and practice, unless it is continually before his mind, unless, in fact, he has the 'habitual vision of greatness' to attract, direct and inspire. In all studies and in all spheres of life, knowledge of the best is essential to success. And if this is necessary in medicine and teaching and architecture and town-planning, must it not be necessary in character?'

"To Sir Richard's comment: 'A teacher cannot give an adequate training in anything unless he knows, and can make his pupil see what is great and first-rate in it', I should like to add this: A teacher must be first-rate, the very best that is to be found anywhere, not only as a scholar and an authority in his own right, but as a great human being.

"This to me is the greatest problem facing our Universities today. How are we to get and keep the very best men and women in the world when there are so many competing opportunities and attractions offering far larger salaries and greater public recognition and acclaim in other occupations, not to mention glamour and romance? But I still insist that we and our society must somehow find such people for our Universities, and keep them; for our young people, the men and women who come to us as students, are not easily fooled. To present them with the second-rate or the mediocre will not challenge them with the 'vision of greatness', and may in fact do them permanent harm by suggesting that the 'best' is little and shoddy.

"But this, the basic problem of our Universities, is not my topic today, so I must leave it with you with one suggestion — that you recognise the nature and importance of higher education and of those who work in it; realise that it is, or should be a 'vocation' rather than a 'job', and that you give it the prestige and public acclaim as well as financial support which will help to attract to University life devoted men and women, of high character and great distinction, who will, in their lives and in their teaching, illustrate for succeeding generations 'the habitual vision of greatness'.

President MacKenzie addresses Graduation Classes at Stanford University, June 17, 1956.
—Courtesy the San Francisco Examiner.

"In the section of Sir Richard Livingstone's address which I have quoted, he is concerned with the excellence and the quality of the teaching or of the presentation of the various disciplines to students. May I add something else, which Sir Richard in other writings also emphasises, and that is, that our Universities should bring our students constantly to visions of greatness about themselves, about man and his limitless possibilities, about the good society here in America and throughout the world. Unless men and women come to these visions of greatness while they are young, and carry them on with them throughout their lives, they will never discover or achieve them. This world will be a poorer place because of it, and you, the most fortunate and highly-privileged group in your nation, will have been denied your birthright and will have settled for the ordinary and the second-rate. You may not take with you all that we would like you to take as you leave your University and very little from this address. One thing I do hope, however, and that is, that always, as long as you live, you will recognise the first-rate and the best in every aspect of life, and will make it your own ambition or standard of achievement."

Yours sincerely,

Norman MacKenzie

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NO NEWS IS GOOD NEWS

By David Brock

SELF-HELP

Dr. Frendl K. Grommel, Professor of Automation at Mount Baker University, told the World Automation Congress that too much human brainpower is being wasted in writing articles on automation. He has invented a machine which will not only write articles on automation but will read them as well. Dr. Grommel is noted as the inventor of a machine which writes the word "THINK"! in code on punched cards. These cards are fed every hour into all automation machines of the ratiocinative type, and act as a stimulant. He is also the originator of the Grommel Weld, for mending split personalities in such machines.

CHAIR LEADERS

The University of Coalbin, Alberta, announces the founding and upholstering of the Carolyn Dell Chair of Hysterical Studies. Named in honour of a famous Canadian athlete who recently swam through 87 miles of treacherous headlines six feet high, this chair will be dedicated to the study of mass enthusiasm, with particular reference to the permanent side-effects of temporary mental and ocular blackout in newspaper readers and television watchers.

THE O.W. CLUB

The Old Wastrels' Club of the University of British Columbia has set up a screening committee to consider applications for membership. Applications should be sent to the Very Hon. Secty., D. H. Brock, B.A., in care of this journal. The Old Wastrel's Club is composed of men and women who feel that although their scholarship may have lacked a certain harsh glare or tawdry glitter, they still gained something from having maintained physical contact with selected portions of the campus. Further, in order to qualify as a worthy O.W., the member must honestly feel that he or she not only acquired something from the college but gave something as well . . . in brief, that he or she gave the old place a certain tone it would otherwise have lacked, and helped to keep it from becoming a mere intellectual assembly-line. All hares welcome, all tortoises barred. Ideally, the applicant should feel he or she graduated with needless difficulty and with sinful ease at the same time. But other types will be considered, provided they had anything to waste.

BARE-FACED PUNDITRY

A Canadian novelist, professor of English, and well-known opinionator, recently announced that his present students are the finest generation Canada ever had, in the matters of brains, character, morals, and general spiritual beauty. This dictum has been hotly challenged by Dr. Otis Transom, Professor of Deep Questioning at the Banff School of Hard Knocks. "If these students are really so full of brisk intellectual curiosity," he declared, "why are they so long in getting up and asking how we can be sure that this professor knows what he is talking about? Their unanimous dead silence on this point is not very reassuring. Perhaps their teacher merely means they are the quietest bunch he ever had. Silence may be golden, but gold is a root of all evil."

"STEADY AS YOU GO"

A Canadian Dean of Arts has handed down the judgment that nothing is any worse than it ever was; we just worry about it more, that's all. But according to Dr. Gropius Trampion, Dean of Everything at St. Jelf's College, a thing that never existed can easily be worse than it was before, by the mere fact of existing, provided it is no good, as many things are, and in that sense the world is even worse (if possible) than ever before. Dr. Trampion proposes to establish a Chair of Worrying About Worrying About Worrying, or the Three W's.

Great Books Foundation

"The Ideas Responsible for Western Civilisation", is the field of study embraced by the Great Books Foundation programme starting again in Vancouver in September.

The Foundation, sponsored here by the Vancouver Public Library, publishes sets of books comprising a directed reading course. New members are welcome and may obtain information from Miss Marjorie Sing, at the Library, MArine 5321.

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THE Vancouver SUN

Early Days of the Players' Club Alumni

By F. G. C. Wood

In a 1934 article discussing dramatics on the U.B.C. Campus, William Rose, a staff member on one of Vancouver's papers, and a "Xmas Play" performer of 1917, makes reference to the recent formation of the U.B.C. Players' Club Alumni. He remarks that such a group "has been formed to gather in all past and future members of the Players' Club and weld them into a permanent theatre. Players' Club performances have always been notable for their technical perfection. Freshmen with any histrionic talent have before them four years of sound dramatic training, and it is this asset, now crowning twenty years' activity, that the Alumni group plans to inherit and enhance. Assisting Professor Wood in guiding the destinies of the Alumni Players are Mrs. Barbara West, formerly of the English stage, and prominent in the Little Theatre, and Professor Thorleif Larsen of the English Department. This advisory board is nominated by the members' executive of which Dr. Harry Warren, Rhodes Scholar, is chairman, and Miss Isobel Barton secretary".

Mrs. Hugh McK. Morrison (née Isobel Barton), B.A.26.

Harry V. Warren, B.A. '26, B.A.Sc.'27, B.Sc., Ph.D (Oxon.), F.G.S.A.

The first activity of the newly formed club was the entry of the Players' Club Prize Play, "Fog", in the Dominion Drama Festival of 1933. In those early days of festival history, competition was limited to one-act plays, and that chosen by the executive was written by Sydney Risk in an English Department course in playwriting. It had previously been presented under the direction of Beatrice Wood as one of the four short plays in the Private Performances of the Players' Club, in the fall of 1930. For the Festival, it was directed by the author, and the parts of the lighthouse keeper and his wife were taken by Bill Buckingham and Drusilla Davies, the latter having played in the original production. It is interesting to note that Bill Buckingham's long and helpful participation in P.C.A. activities, as actor, producer and husband of a leading lady, began with the very first effort of this fledgling club. In 1934, Mr. Risk had the honour of having his play produced by the British Broadcasting Corporation—a distinction that he was the first U.B.C. graduate to enjoy.

Sydney J. Risk, B.A.'30.

William N. Buckingham, B.A.'27.

Other one-act plays entered in these early festival competitions were "The Birthday of the Infanta", with Harry N. Cross playing once again the rôle of the little hunchback in which he was so outstanding in the Private Performances of 1923, and "The Sister Who Walked in Silence".

The first full length play produced by the Players' Club Alumni was the bright French comedy, "Dr. Knock", written by Jules Romains, with an English translation by H. Granville Barker. Directed by Beatrice Wood, it was presented in the University Auditorium on May 8, 1934, as a part of the graduation week ceremonies. The Class of 1934 were honoured guests on this occasion, and the practice of staging an annual play during Congregation Week was continued for several years.

So successful was this initial venture, the club was invited to repeat the performance by the late R. J. Cromie, Publisher of the Sun newspaper. On the evening of May 22 in the ballroom at "Edgewood", now the main residence of Crofton House School, over a hundred guests of Mr. and Mrs. Cromie saw the play done in "Arena fashion"—possibly the first instance of this type of staging in Vancouver.

Mrs. F. G. C. Wood, B.A.Sc.(Nurs.)'23.

Professor Emeritus F. G. C. Wood, B.A. (McGill), A.M.(Harvard).

A dramatic critic, the next day, commented, in part, as follows, — "'Dr. Knock is a satire on certain well known phases of the medical profession, telling the story of how the doctor took over the practice of a simple country physician, and built it up most successfully, with 'someone in bed in every house'. The dialogue is witty and exhilarating, and the comedy ranges from a cocksure prescription writer to the uproarious episodes as patients come for the first free clinic. David Hamilton Brock as Dr. Knock carried the title rôle on which the entire action rests. He is on the stage from start to finish, and he put a vigour and a professional finish to his work that fairly made you think of a half dozen doctors you have known."

David H. Brock, B.A.'30.

The parts of the older doctor and his wife were taken by Arthur E. Lord and Jean Salter. Another principal rôle, that of the chemist, was in the hands of Malcolm Pretty. Those in lesser parts were Avis Pumphrey, Ann Ferguson, Isobel Barton, Beth Fraser, Douglas Smiley, Alec Smith, Ivan Knight, J. W. Plummer, Jack Shakespeare and William Rose.

A few days later, on the May 24th holiday weekend, "Dr. Knock" visited Qualicum Beach, where a large audience, longtime friends made by the

Players' Club Annual Tour, was on hand. One somewhat unusual problem presented itself on the occasion. A very essential property, a huge open car of antiquated design, was required for the opening scene in which the village doctor and his wife ride to the station whilst carrying on some very necessary dialogue. For the auditorium performance, a kind neighbor of the Brock family somewhat dubiously consented to lend one of his cherished possessions. It was a cumbersome ancient vehicle of remote ancestry that had to be primed with ether to get it started. Sometime previously, the chronometer had ceased to work, with the mileage registering a mere 350,000 miles. Unhappily this unique property was not available for the Qualicum trip as it was to be driven up to the Cariboo that same weekend! A somewhat less imposing substitute was found, however, in the form of Ivan Knight's Austin, with Dr. and Mrs. Parpalaid, in animated conversation, peering out through the opening in the roof.

A fourth, and final performance of this "first long play" was given on June 18 in the Auditorium of Point Grey Junior High School.

An item in the Province of June 1934 bears testimony to the success of this opening venture. At a meeting held at the Chilco Street home of Alice Morrow, whose hospitality to both Undergraduate and Alumni Clubs was a much appreciated feature of those times, Dr. Warren reported that over $300 had been raised by "Dr. Knock". Over two hundred dollars of these proceeds were invested in government bonds to form a reserve fund for the future development of the club.

A year later, at the annual meeting, again at 1059 Chilco Street, the plans for the 1935-36 season were discussed. The new executive included Dr. Harry Warren as President, Dr. E. T. (Jack) Nash as Vice-President, Elizabeth Magee as Secretary, and Alex G. Smith as Treasurer. Others on the committee were Alice Morrow, Avis Pumphrey, Frances Lucas, Beatrice Wood, Tommy Lea, Mrs. Arnold Webster, Stella Lewis, Pat Ryan, Dorothy

The Hon. Mr. Justice Arthur E. Lord, Q.C., B.A.'21.

Mrs. M. Sleightholme (née Jean Salter), B.A.'30.

Bill Buckingham in the Monty Woolley rôle of "The Man Who Came To Dinner."

Ferris, Don McDiarmid, Mary Nicholson, William Rose, Mildred Caple, Marjorie Agnew, Beth Fraser and Wilmer Haggerty.

In the next few years the Players' Club was very active. Its productions included the continental comedy, "By Candlelight" in which Bill Buckingham and Gertrude Letson were most outstanding, and Ivor Novello's London farce, "Fresh Fields" in which Edward Chamberlain and Beatrice Wood had leading parts. The two comedies satirising the mad antics of Hollywood life were enjoyed by the audiences and the large casts involved. These were "Once in a Lifetime" produced by Ellen Harris, and "Boy Meets Girl" with Stella Lewis in charge. Bulwer-Lytton's comedy of a hundred years before, "The Lady of Lyons", was the 1938 offering.

Doris Buckingham

Arthur H. Sager, B.A.'38.

"Lovers' Leap", with Sydney Risk again directing, and with Arthur Sager and Doris Buckingham in two of the four parts, was a success of 1940. Booth Tarkington's "Tweedles", the English farce, "Tons of Money" and "Personal Appearance" were other plays of this period. "The Adding Machine", with Lacey Fisher and Lorraine Johnston, was an interesting departure from these light comedies and afforded a chance for some modernistic staging.

E. Lorraine Johnston, B.A.'40.

In December, 1941, under the direction of Bill Buckingham, that hilarious farce, "The Man Who Came to Dinner", was staged. In addition to the director, Dave Macdonald and Dorothy Fowler were among the principals. So popular was this undertaking, it was later presented as an Alumni war effort at the Shaughnessy Military Hospital and various army camps in the lower mainland district.

For a time during the war, the activities of the club were necessarily curtailed, and the success attending its later productions demands another chapter in this Chronicle.

Oxford Seminar on International Organisation

By G. O. B. Davies

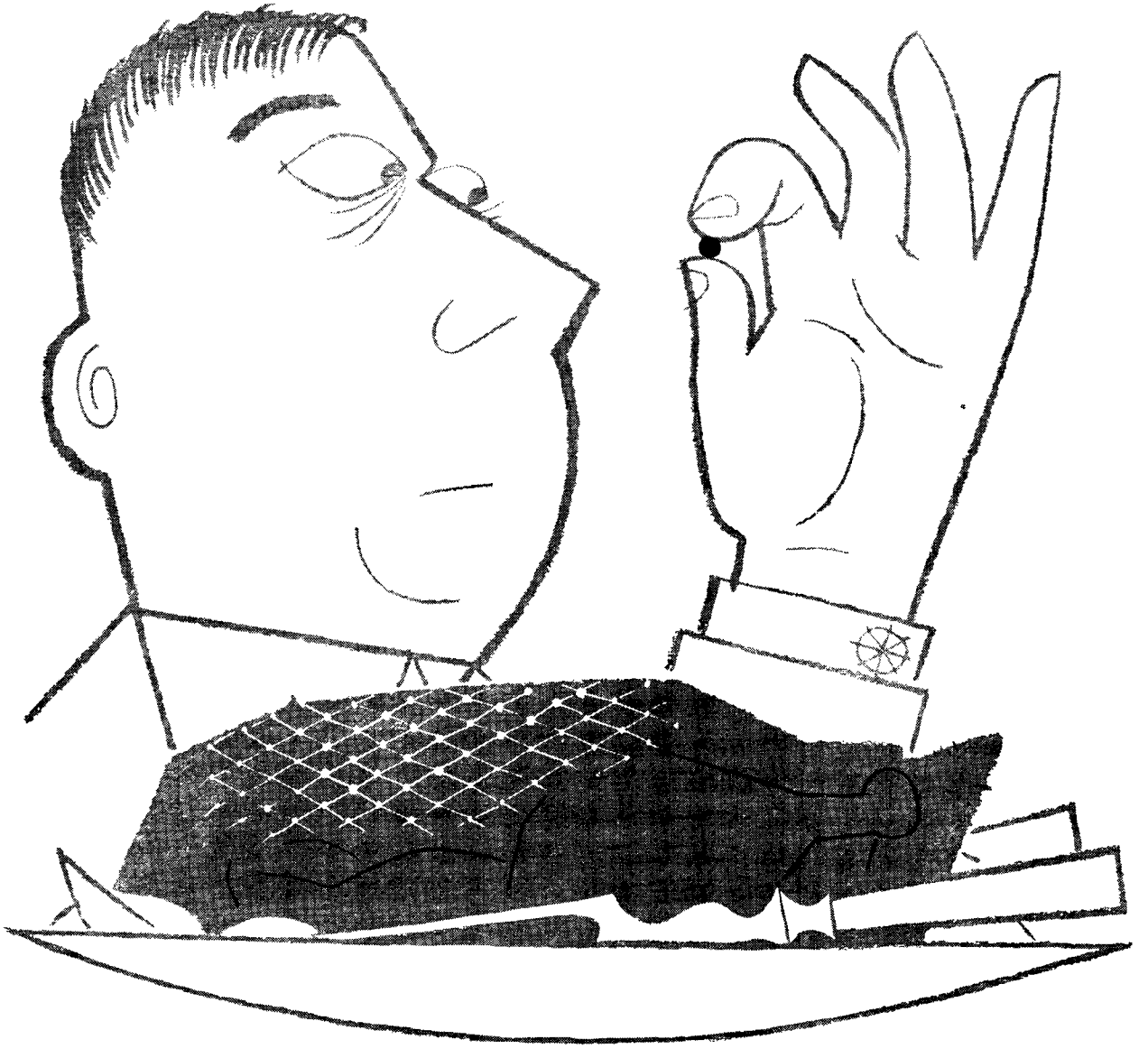
The North Atlantic Treaty Organisation arranged a Conference at St. Antony's College, Oxford, from July 14th to July 28th, to consider the problems concerning European countries in their search for fuller integration and greater security.

Every NATO country sent a delegation. It was my privilege to be a member of the group of five representing Canada.

The Conference was addressed by representatives of the major international organisations such as NATO, the United Nations, Western European Union, the Council of Europe, the European Coal and Steel Community. The speakers included Dr. Ralph Bunche, Sir Oliver Franks, Earl Mountbatten, Dr. Van Kleffens, Lord Ismay, Monsieur Monnet, and Professor Phillip Jessup. After each address, the Conference broke down into working parties where the issues presented by the speakers were discussed in greater detail.

Although individual countries have particular problems which colour their views, the fundamental unity of Western Europe and the close identity of interest with Canada and the United States was clearly apparent. The objectives of all are identical, despite a difference of approach and method. The first objective of NATO—that of military defence—has probably been achieved; the new task, while retaining this military strength in the face of the new Soviet offensive, characterised by much cleverer diplomacy and the "big smile", is to develop a sense of community through closer political and economic collaboration. This, rather than fear, will have to be the cement of the future.

The Conference, it was hoped, was one early step in developing the understanding and informed opinion without which such an objective cannot be realised.



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Book Review

Authors' Brilliant Team-Work

Father Raymond de Coccola

Paul King

Father Raymond de Coccola and Paul King: "AYORAMA." Oxford University Press, Toronto, 1955. $4.50.

Ayorama (pronounced Ah-yo-rah-mah is a vivid, sensitive and moving account of the life of the Kragmalit Eskimos, living on the central Arctic Coast in the region containing Coppermine, Cape Barrow and Bathurst Inlet, and Victoria Island. These Eskimos are Canadian Citizens and at least potential voters. During the last few years especially, civilisation has strained its fingers to touch, here and there, the Southern periphery of their unenviable domain, the Barren Lands of the Arctic. Yet the Eskimos are essentially a remote, inaccessible and unfamiliar race sharply separated from us, not by distance, but by rigours of climate and, in a sense, by thousands of years. Their stone-age culture dates, it is thought, from the glacial period, and apart from the recent addition of firearms, matches and a few utensils it has remained, inflexible and intact, what it was thousands of years ago. For them the assertion: "We follow the ways of our ancestors", is decisive. Though language differences are easily overcome, the communication of basic feelings and the mutual comprehension of values between cultures as disparate as our own and that of the Eskimos, presents incredible difficulties which cannot be easily or speedily removed.

With excellent team-work, Father Raymond de Coccola and Mr. Paul King have pooled their gifts to produce in Ayorama a book that reveals no divided effort, and that is not only extremely readable and interesting as a book of travel, but is also very valuable as a document of Eskimo minds and mores.

For many readers of The Chronicle this book will have a special, if local, interest in that it was written in British Columbia, that its co-authors reside here and that one of them is a graduate of this University. Father de Coccola, whose experiences are recounted in the book, was born and educated in Corsica, spent twelve years (1937-49) as a missionary among the Eskimos, and has since been a parish priest, first at Powell River and now at New Westminster. At the former place, he had the good fortune, as the book attests, to meet Mr. Paul King (B.A.'34, B.Ed.'35) who is Assistant Manager Public Relations Department of the Powell River Company and an experienced writer. Mr. King undertook to collaborate with Father de Coccola by helping him tell in English his engrossing story.

Ayorama is in the form of a loosely knit narrative containing much dialogue to lighten the style and to give an added authenticity to the material. Although Father de Coccola is the narrator of his own experiences his account does not pretend to be autobiographical or historical. It is, rather, a representative selection from these experiences, which have been truncated, telescoped and reordered to the sole end that Ayorama should present an accurate and balanced picture of the relatively slight and tenuous spiritual life of the Eskimos and the pervasive harshness and violence of their physical life. The authors have achieved this goal admirably; though, regrettably, in doing so, Father de Coccola, in his modesty, has almost effaced himself. Ayorama shows him, however, as having been well-suited to his undertaking. Though it appears that he is not a trained anthropologist, few men could have shown a finer sensibility, a more comprehensive, humane and sympathetic interest, or less bigotry in examining the life of an alien people.

Above all, Father de Coccola was always as willing to learn as to teach; and he lived as fully as possible the life of the Eskimos around him. Some of his parochial journeys (if they may be called that) carried him hundreds of miles by dog-sled across snow, ice and barren tundra. On these journeys, though he usually travelled in the company of nomadic Eskimos whose hardship and igloos he shared on equal terms, he had to be self-sustaining. From them he learned the necessary skills and he worked with them in the ever-pressing search for food. He took his part in building quick igloos against sudden blizzards, in netting fish under the ice or jigging for them through ten feet of it, in hunting seals, polar bears and the Eskimo staff of life, caribou—in short, in all the necessary activities of Eskimo life. Under conditions of such more-than-neighbourly intimacy, and in the dreary, prolonged monotony of sitting-out blizzards in family igloos, he had unparalleled opportunities to observe the Eskimos through their stories, gossip and conduct and to study them "in depth".

In spite of the efforts of the Mounted Police, and the effects of an elaborate grape-vine system, human life is held in slight regard by the Eskimos. Female infants and the aged, because they are mouths to feed, are considered expendable and are quickly disposed of when food or travel emergencies arise. Murders induced by jealousy, vendettas or offended dignity are common, yet, though these are scarcely secret, in these barren wastes they are difficult to prove. Father de Coccola says that the Eskimos' incomprehensible acts of brutality "reveal their primitive temperament, hardened by the frozen world about them. Accustomed from childhood to natural and violent death, they are not in the least troubled by an act that puts an end to a man's life."

The sexual customs of the Eskimos could be exclaimed about. Children are married at puberty; and before that age are allowed full sexual freedom. Indeed, some parents give them beginners' preliminary training, so that at marriage they shall not be amateurs. Husbands sometimes exchange wives for a year or two, and a host may, as a gracious gesture, extend the privileges of his wife to a visitor who spends the night in his igloo. He would frown, however, on a guest who accepted the same largesse on the initiative of his gracious hostess. And each spring, in a brief festival, groups of families foregather at an appointed place to herald their three-week summer with dances and somewhat Dionysian revels. This euphemism itself reveals how long established is the custom. There is nothing very startling in these divergences to anyone who has thought or read widely.

Father de Coccola explains that all the Eskimo's "customs stem from his own life and the life around him. Through the generations his ancestors have stored up all the anxiety and terror of the Barren Land—the great burdens of the long winter nights, the dread of sudden storms, the hazards and disappointments of the hunt, the pains of slow starvation, the horrors of freezing to death . . . By nature he worries neither over the past nor over the future . . . He simply accepts things as they are and lets it go at that." If they do not work out for him he expresses in one word the fatalistic philosophy that nature has compelled him to adopt. He says: "Ayorama" — "That's destiny, that's life. There isn't anything I can do about it". This is the Eskimo attitude.

Hunter C. Lewis

Father de Coccola's own tolerant attitude may be read as a caution to his readers: "The Eskimos' whole conception of life is different from ours, and they cannot be understood on brief acquaintance. Live with them and among them, take part in their daily routine for years and years, and then judge them, if you like—but not before".

Hunter C. Lewis, B.A.'23, M.A.'28, Department of English, U.B.C.

Atomic Energy Research by U.B.C. Scientists

By Walter Barss, B.A.'37, M.A.'39, Ph.D. (Purdue)

Walter M. Barss, B.A.'37, M.A.'39, Ph.D. (Purdue).

Every U. B. C. Alumnus in the Chalk River Plant of Atomic Energy of Canada Limited could probably name a dozen or more fellow graduates among his associates at work and his neighbours in the nearby townsite of Deep River. Few would guess that there are 42 U.B.C. graduates among the approximately 350 Scientists and Engineers in Canada's main centre for atomic energy research.

GRADUATE HEADS THEORETICAL PHYSICS BRANCH

Senior man of the U.B.C. group here is H. H. Clayton, B.A.'35, M.A. '37, Head of the Theoretical Physics Branch. This Branch is one of the most important in the whole project; first, for its fundamental studies of the theoretical aspects of nuclear Physics and, secondly, for the development of mathematical means for designing and predicting the behaviour of atomic reactors. Hank joined the Atomic Energy Project at Montreal ten years ago, after service in the Canadian Army Operations Research Group, and has been Head of the Branch since 1950. The Claytons, who returned recently from a holiday trip to the West Coast, have managed to turn Deep River's notoriously sandy soil into one of the finest gardens in town.

Specialising in the nuclear Physics work in the same Branch is T. D. Newton, B.A.'39, M.A.'41, Ph.D. (Princeton). Another ardent gardener, Ted writes a gardening column for the North Renfrew Times, the local weekly paper. Dr. F. G. Hess, B.A.'49, M.A.'51, Ph.D.'55, has been working on reactor calculations for a year and is leaving shortly for postgraduate studies at Cambridge.

LARGEST GROUP IN REACTOR PHYSICS BRANCH

Reactor Physics, which lies a step nearer to the practical application of atomic energy, has the largest number of U.B.C. graduates of any Branch.

R. M. Pearce, M.A.'48, Ph.D.'52, heads a group which uses an electronic analog computer to calculate the effects of changes in size, fuel arrangements or construction materials on the performance of proposed reactors. Also in this group is J. W. Coburn, B.A.Sc.'56, who may be returning to U.B.C. for graduate studies this fall.

E. Critoph, B.A.Sc.'51, has been making calculations for NPD, the Nuclear Power Demonstration reactor, using "Ferut", the University of Toronto's electronic digital computer. NPD is the reactor which is to be built twenty miles farther up the Ottawa River by A.E.C.L. in co-operation with the Hydro-Electric Power Commission of Ontario and the Canadian General Electric Company.

R. H. Chow, B.A.'47, M.A.'49, Ph.D. (California), is studying neutron-conserving arrangements of reactor fuel, such as are used as "blankets" around some types of reactors, and conducting experiments with the NRX reactor to check his calculations. T. K. Alexander, B.A.'53, M.A.'55, is investigating the emission of gamma rays following neutron capture, in order to determine the probability of certain nuclear reactions.

W. M. Barss, B.A.'37, M.A.'39, Ph.D. (Purdue), until recently on loan to the Metallurgy Branch, has been studying the physical changes produced in reactor fuels by the intense radiation in a reactor and developing fuel elements which will not be adversely affected by these changes.

DEMAND FOR NUCLEAR ENGINEERS

The appearance of courses in Nuclear Engineering at several U.S. Universities indicates the importance of this new type of Engineering in the development of atomic power. At A.E.C.L. the Nuclear Engineering Branch works closely with Reactor Physics in testing experimental fuel assemblies and in designing reactors and reactor components. The fuel assemblies are tested in the first Canadian reactor, ZEEP (Zero Energy Experimental Pile), and in the NRX reactor which, nine years after its construction, still provides unsurpassed facilities for the testing of large fuel elements. Some of the elements being tested are for the NPD reactor, others for the NRU reactor which will soon provide still better facilities for nuclear tests.

Don Stewart, center, pauses with J. L. Gray, A.E.C.L. Vice-President, Administration and Operations, and S. Patuck, of the Tata Institute of Fundamental Research, Bombay, on arrival at the Bombay airport. (Date, January 18; Temperature, 85° F.!)

In the Nuclear Engineering Branch are J. F. Palmer, B.A.Sc.'53, M.A. (Queen's), who works on special monitoring devices for the detection of failures in fuel elements, and Professor W. A. Wolfe, B.A., B.A.Sc.'37, of the U.B.C. Department of Mechanical Engineering, who has been working here during the summer on the design of reactors.

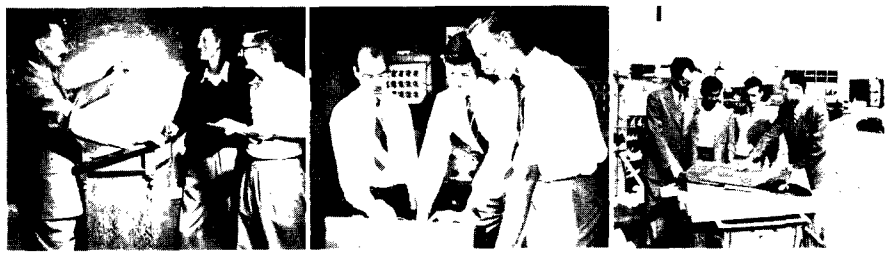
In the Engineering Design Branch, J. A. Cramb, B.A.Sc.'56, has joined the staff this year and C. A. (Cy) Crawford, B.A.Sc.'51, has become Head of a new section for Nuclear Service Design. A year or two ago, Cy spent his summer holiday prospecting in one of Ontario's new Uranium mining areas: the holiday paid off very well.

T. G. Church, B.A.Sc.'38, is Administrative Assistant to the Director of the Division of Reactor Research and Development, which includes both the Reactor Physics and Nuclear Engineering Branches.

NEW LABORATORIES FOR PHYSICAL METALLURGY

The Metallurgy Building, which has four U.B.C. Alumni on its roster, was opened early last year. It provides laboratory facilities for casting and heat-treating metals and alloys, and for the physical and metallographic examination of reactor fuels and structural materials.

L. G. Bell, B.A.'54, M.A.'55, is working on the physical properties of



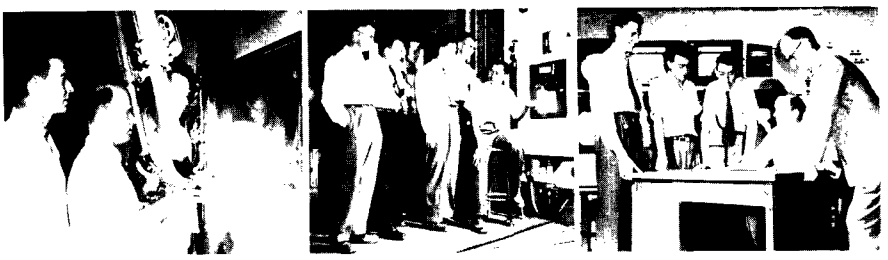
(1) Henry Clayton, Head of the Theoretical Physics Branch, discusses a calculation with Gene Hess and Ted Newton, right.

(2) Mike Pearce, left, describes to John Coburn and Gene Critoph, right, some results obtained from the the Reactor Physics Branch electronic analog computer.

(3) Tom Church, right, shows Tom Alexander, Dick Chow and Walter Barss the plans for the building to house a new "swimming pool" reactor. NRU reactor building is in background.

Uranium alloys, while G. R. Piercy, B.A.Sc.'51, M.A.'52, Ph.D. (Birmingham) is studying the effects of irradiation on metals. G. V. Kidson, B.A. '52, M.A.'53, has been investigating diffusion in metals, and will soon be going on exchange for two years to the British Atomic Energy Research Establishment at Harwell.

The only one in the group to start as a Metallurgist, A. S. Bain, B.A.Sc. '50, is now in charge of the "cave" in which irradiated materials much too radioactive for normal handling may be manipulated by remote control while being observed through two-foot-thick windows of special shielding glass.



(1) Operating remote control manipulation in Metallurgy Building "cave", Al Bain explains radiation shielding problem to Bob Piercy, right, and Geoff Kidson.

(2) Development Chemists and Chemical Engineers inspect process equipment in Chemical Engineering Building. From left: Woody Erlebach, Ivor Allam, Bill Morgan, Don Whittle, Bill Bourns and John Yatabe.

(3) Bob Robertson, seated, discusses high temperature irradiation tests with Chemists and Reactor Supervisors. From left, standing: Bill McFacden, Matsuo Koyanagi, Bill Boyd and Harry Smith.

WORLD TRAVEL FOR ATOMIC ENERGY

The recently-appointed Head of Reactor Operations, who is responsible for the operation of the NRX and NRU reactors at Chalk River, is D. D. Stewart, B.A.'40, M.A. (Toronto). Don has just returned from a round-the-world trip in connection with Canada's gift of a nuclear reactor to India under the Colombo Plan. D. C. Milley, B.A.'53, M.A.'55, is in the Reactor Safeguards Branch, of which Don was previously the Head.

The NRX Reactor Branch has four U.B.C. engineers engaged in supervising reactor operation: H. B. Hilton, B.A.Sc.'46, G. R. A. Howey, B.A.Sc.'49, M.A.Sc.'51, H. E. Smyth, B.A.Sc.'50, and M. Koyanagi, B.A.Sc. '55. These men are in charge of the crews that keep the reactor running day and night to produce radioactive isotopes, test fuel elements and supply radiation for Chemistry and Physics experiments.

Two groups which work closely with the reactor Branches are the Radiation Hazards Control Branch and the Production, Planning and Control Section. J. M. White, B.A.Sc. '51, as Head of the Reactors and Decontamination Section of the R.H.C. Branch, works on the important task of detecting and preventing the spread of harmful radioactive contamination. S. Mathews, B.A.Sc.'54, is engaged in technical liaison between the reactor Branches and the suppliers of different types of fuel elements.

"HOT" CHEMISTRY

On the far side, so to speak, of reactor operation are studies of safe and efficient methods for processing used reactor fuels and disposing of radioactive waste materials from the processing plants. At Chalk River these studies are divided between the Chemical Engineering and Development Chemistry Branches.

I. W. Allam, B.A.Sc.'53, and W. W. Morgan, B.A.'54, are Chemists working on fuel processing, a problem noted for the intense radioactivity and chemical inhomogeneity of the materials to be handled. E. Yatabe, B.A.Sc.'38, M.A.Sc.'39, known as "John" to his friends here, is a Chemical Engineer working on the design of equipment for the recovery of Uranium from the dissolved fuel elements.

W. T. Bourns, B.A.Sc.'49, and W. E. Erlebach, B.A.Sc.'51, M.A.Sc.'53, are Chemical Engineers studying waste disposal, a problem which will become ever more urgent as the number and power of nuclear reactors increases. Don J. Whittle, a 1956 graduate in Chemical Engineering, is conducting heat-transfer experiments this summer before returning to University for further studies.

As a result of his many experiments on the corrosion of fuel elements, R. F. S. Robertson, B.A.'39, M.A.'48, Ph.D. (Illinois) is as well known around the NRX reactor as in the Chemistry laboratories. Bob has been working for years on the chemical effects of radiation and is an expert in this field. A. W. Boyd, B.A.'45, M.A.'47, Ph.D. (California) is also working in radiation Chemistry.

G. Zotov, B.A.'38, M.A.'40, in charge of the busy spectro-graphic laboratory, is seeking to improve the reproducibility of spectral intensities by developing new ways of handling the solutions submitted for analysis.

PURE RESEARCH

The work done by the Research Chemists and Physicists, who have been attracted here by the special facilities of a research reactor, is as important as the work of the "Applied" Researchers and Engineers. It helps to maintain high professional standards and stimulate new ideas, many of which later become of practical importance.

In Research Chemistry, R. W. A. Attree, B.A. '45, M.A. '47, Ph.D. (Princeton), has been studying radiation effects in both pure crystals and crystals containing impurity "activators". Mrs. J. C. D. Milton, née Gwen Shaw, B.A.'47, M.A. (California), has been investigating the yield of some isotopes produced in the fission of Uranium. W. H. McFadden, B.A.'49, M.A.'51, Ph.D. (Utah), has been observing the chemical "fate" of the newly-formed atoms produced by nuclear reactions.

In General Physics, G. A. Bartholomew, B.A.'43, M.A.'44, Ph.D. (McGill, has become an authority on the radiative capture of neutrons, having investigated the resulting gamma spectra for nearly all the elements. B. N. Brockhouse, B.A.'47, M.A., Ph.D. (Toronto), is using neutron spectrometry to study the characteristics of crystalline structures associated with the magnetic properties of metals and their compounds.

G. Jones, B.A.'53, M.A.'55, has joined the Electronics Branch which develops much of the specialised electronic equipment required for research in both Chemistry and Physics.

R. E. Bell, B.A.'39, M.A.'41, Ph.D. (McGill), has been stationed in Montreal to use the McGill University cyclotron as a supplement to the particle accelerators available at Chalk River for studies of the high-energy aspects of nuclear Physics.

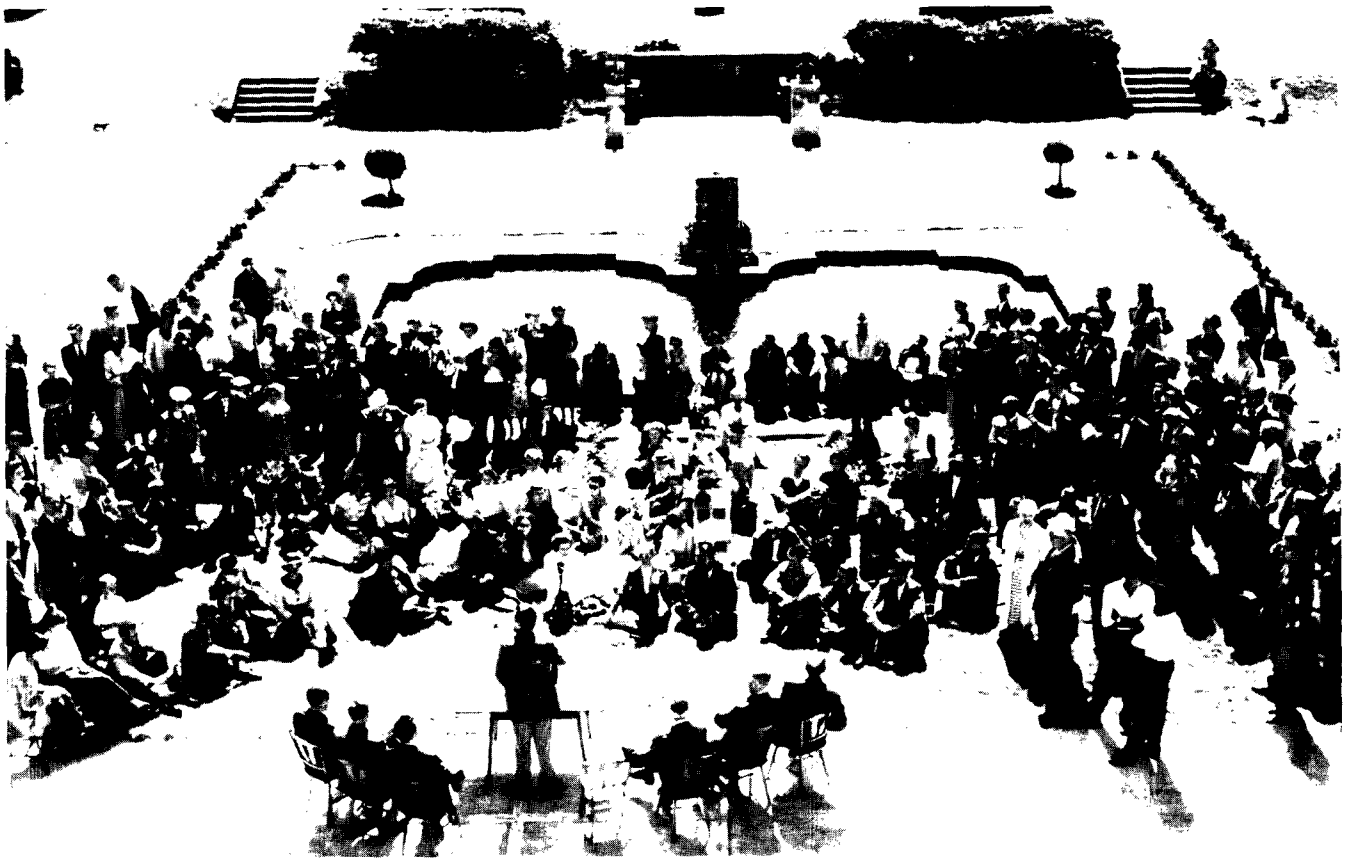
WELL-ROUNDED REPRESENTATION

Returning once more to nuclear Physics and its investigations of the properties of atomic nuclei, including those properties which make fission and the development of nuclear power possible, we have completed a circular tour of most of the Chalk River project. Like a holiday trip to visit a number of relatives, it has brought most sharply to our attention the places in which our fellow graduates happen to be — but, with forty-two people fairly uniformly distributed around the Project, this has given quite a complete picture of what is going on here.

Without making a detailed comparison of the types of training offered at U.B.C. and the requirements of a complex organisation like A.E.C.L., it is interesting to note that only one Alumnus, L. A. Fingarson, a 1955 Commerce graduate, is employed here in a purely administrative capacity. The others are distributed as follows: 20 graduates in Physics and Engineering Physics, 15 Engineers (including Chemical Engineers) and 6 Chemists.

No effort has been made to tally up the number of Alumnae in Deep River. That will have to be left as a job for the secretary — if and when somebody organises a Deep River Branch of the U.B.C. Alumni Association.

Published by kind pemission of Dr. David A. Keys, Scientific Adviser to the President, A.E.C.L.



Opening ceremony, Festival of the Arts, Sculpture Exhibits, Summer Session 1956.

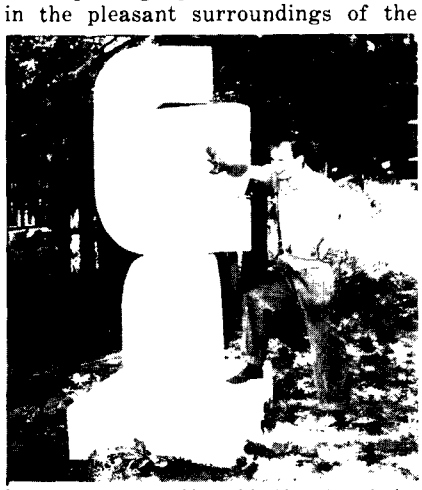
Summer Session 1956

Courses Are Varied and Vivid

By Ed Parker, B.A.'54, U.B.C. Information Officer.

Summer Session 1956 proved that the University of British Columbia is in big business—the education business—the year round.

No longer can we think of the University as a September to April affair with a comparative handful of students picking up one or two courses in the pleasant surroundings of the summer Campus.



Sculptor Robert Clothier with his prize-winning piece, purchased by the University. His work was part of North-West Institute of Sculpture exhibition displayed on the Library lawn through the summer.

Summer at U.B.C. is the welding together of an academic education with the less tangible "cultural development" made possible by a Summer School of the Arts.

The University's Summer Session, as well as its regular Winter Session, is marked by a challenging acceleration of expansion and by continuous experimentation with new and better teaching methods.

It would be almost impossible to spend a summer on the Campus without being caught in the grip of an unending series of activities that kept many of the academic and administrative staff at their desks this summer when they were officially on holiday.

STATISTICS

When a slightly harried but much-to-be-commended Dr. Kenneth Argue, Director of Summer Session, slipped away for a brief holiday at the end of August, he left behind a modest report which showed statistically the success and vigour of the Summer Session.

"Enrolment increased 21 per cent this year as compared with 19 per cent last year."

Kenneth F. Argue, B.A.(Alta.), M.A.(Oxon.), Ed.D. (Columbia), Director of the Summer Session.

"The Teaching Staff (academic credit courses) was composed of a total of 87 instructors of whom 40 were visitors. Of these, two were from the United Kingdom, 20 from the United States, three from Vancouver and 15 from other parts of Canada."

Students came from seven different Provinces of Canada and from 13 other countries to take Summer Session courses, his report points out.

"The Summer Session Students' Association has provided another $500 for loan funds which will be available for next year's student body." This

is in addition to the $2145 in Scholarships and Bursaries and $3825 in loan funds which assisted 79 Summer Session students this year.

Lister S. Sinclair, B.A.'42.

The report of Dr. John Friesen, Director of Extension, on the non-credit courses and Summer Festival of the Arts side of Summer Session activities, had the same success story to tell.

An estimated 22,000 people attended the concerts, plays, lectures and exhibitions of the Festival, including 9000 at Art and Sculpture exhibits, 2070 at special public lectures given by visiting instructors and 3500 at Drama events.

A total amount of $3200 in Scholarship and Bursary funds was used to assist some 65 students in Music, Drama and Creative Writing.

RECORD ENROLMENT

Enrolment of 1823 students registered for credit courses and 598 for non-credit courses brought the grand total to 2421 students—the largest summer enrolment U.B.C. has ever had. Previous high was 2397 in the summer of 1946 during the peak of the post-war boom of veteran student enrolment.

But statistics can never tell the whole story.

The finest available instructors, solid academic achievement and top calibre musical and dramatic performances made this Summer Session not only the largest but the most stimulating in U.B.C.'s history.

Alexander Archipenko

Thousands of British Columbia citizens benefitted directly from the Summer Festival of the Arts by attending Concerts, Plays, Lectures and Opera, and by viewing Sculpture, Painting and Pottery exhibits that would not have been otherwise available to them.

The glowing reviews of Mozart's Opera, "Cosi Fan Tutte", which climaxed the Festival events, gave fitting tribute to the work of the Summer School of Opera. Musical Director for the Opera and Director of U.B.C.'s Summer School of Music is Nicholas Goldschmidt, who has been appointed Artistic Director of the 1958 Vancouver Festival. Producer and Director for the opera was Hans Busch, Opera teacher at Indiana University for the past few years. This summer he received his appointment as Stage Director to the Metropolitan Opera Company in New York for the 1956-57 Opera Season.

Toronto-born soprano Theresa Gray, who was Artist in Residence for the Summer Session, and 1952 U.B.C. graduate Milla Andrew, thrilled audience and critics alike in the leading rôles as the two fickle sisters in the Opera. When rehearsals for "Cosi" were just getting underway, Director Busch commented "Cosi Fan Tutte has been misunderstood and mishandled. I feel it is very close to the borderline of comedy and tragedy, a delicate balance of major and minor". After the first of the four performances, audience and critics alike could agree that the cast had successfully achieved that balance as they sang in English in the stylised, rococo setting Mr. Busch directed.

LIEDER STUDY A FEATURE

Most popular addition to the Summer School of Music programme this year was the study of Lieder and concert literature, introduced by Danish Lieder singer Aksel Schiotz, Theresa Gray, Marie Schilder and by students of Mr. Schiotz' Lieder classes. Other presentations of the Summer School of Music included a concert of Sacred Music, presented at St. John's United Church by members of the University Chorus, and an evening of Opera excerpts presented in the University Auditorium.

Other names in the "star-studded cast" instructing and lecturing in the Summer School of the Arts included Alexander Archipenko, "the father of modern Sculpture", for Sculpture classes; world renowned art critic Sir Herbert Read; master craftsman of Pottery, Konrad Sadowski and Canadian playwright, Lister Sinclair, a U.B.C. graduate, who received further honour this summer when commissioned to write a play for the 1958 B.C. Centennial celebrations.

Vancouver Art School ceramic scholarship winner, Mrs. Olga Laing, with Summer School Pottery Instructor Konrad Sadowski.

The feature of Summer Session which perhaps prompted the most discussion was the outdoor exhibit of Sculpture displayed on the library lawn by members of the Northwest Institute of Sculpture. It served its purpose well in giving an estimated 6000 people their first introduction to the interesting world of abstract space through the medium of modern Sculpture. One of the pieces of Sculpture, an abstract work by former U.B.C. student, Robert Clothier, titled "Three Forms", although often jokingly referred to as "Boy Eating Watermelon", was purchased by the University and will be on permanent exhibit.

ARTS AND CRAFTS COURSES

One of the most popular divisions of the Summer School programme, in number of students as well as of those attending exhibitions, was the Summer School of Arts and Crafts headed by Extension Department Arts and Crafts supervisor Robert E. Davidson.

A total of 162 students registered for eight courses in this field. Courses included Painters' Laboratory in Materials, Creative Art for Children, Advanced Painters' Workshop, Ceramics, Sculpture Workshop, Painting for Pleasure, Metal Workshop, and a credit course on Art in Education, for school teachers qualifying themselves as school art teachers.

SCHOOL OF THEATRE PLEASES

The expanded programme of the Summer School of Theatre featured three plays with Shakespeare's "A Midsummer Night's Dream", produced

Summer School Music Director Nicholas Goldschmidt conducts the U.B.C. Chorus at St. John's United Church in Vancouver.

by Stratford Festival Stage Director, Donal Wilson, as the major production. Hundreds of young children were delighted by the children's play, "The Tinder Box", which featured two cats, Kufuffle and Shemozzle, three dogs, a witch and a princess. They didn't know about the backstage "Kufuffle" requiring a cast change, when drama student, Eva Mammone, was replaced by another student in her rôle as the cat Kufuffle, after breaking a toe doing cat-like leaps on stage in rehearsal. The third drama production, "The Cradle Song", had an excellent reception, playing to capacity audiences for four nights in the Frederic Wood Theatre.

CREATIVE WRITING

One of the major additions to this year's programme was the establishment of a Summer School of Creative Writing, including lectures, course work, seminars and workshops in the areas of Playwriting, Short Story and Poetry. Melvin Walker La Follette of U.B.C.'s English Department was Director of the School, with Lister Sinclair and University of Oregon English Professor, James B. Hall, as Special Lecturers.

This programme was planned to provide Degree credits in English for students working toward Bachelor of Arts or Bachelor of Education Degrees, at the same time as providing instruction for writers or would-be writers interested only in the direct benefits of such courses.

Donal C. Wilson, B.A.'46, B.Ed.'49

Welcome additions to the Summer Festival of the Arts this year were the numerous recitals and concerts presented by guest artists as part of the programme. In addition to the Summer School of Music concerts and Lieder recitals, there were five noon-hour concerts of Chamber Music for violin and piano by Prof. and Mrs. Harry Adaskin which drew an estimated 1200 audience. All five concerts featured Mozart compositions in honour of the Mozart bicentennial this year.

Tom Kerr, right, receives his part from Dave Hughes, leader of the rustics in Summer School of the Theatre major Drama production of Shakespeare's "A Midsummer Night's Dream."

Members of the cast of The Cradle Song presented by the Summer School of the Theatre at the Frederic Wood Theatre. From left: Elinor Miller, Rusty Erlan, Gloria Melanson.

TRAINING OF TEACHERS

A big boost is being given to the summer programme, both in traditional academic courses and in the arts programme, by the establishment of U.B.C.'s new College of Education. Music, Drama and Fine Arts courses, both credit and non-credit, are being multiplied and expanded to provide the training required for Music, Drama and Art teachers in both High Schools and Public Schools.

University officials, from President N. A. M. MacKenzie down, are pleased with this welding together of the academic courses and non-academic courses to provide instruction and stimulation on a wide variety of levels. They subscribe to the theory that Education is not merely the piling up of academic credits toward Degrees, and would be happy to see more students taking one academic course plus one of the Fine Arts, Music or Drama courses in their summer programme. Students and staff alike are grateful for the opportunity to combine regular class-room work with attendance at a wide variety of Concerts, Lectures, Plays, Opera performances and Painting, Pottery and Sculpture exhibitions.

Developments in the traditional academic programme are keeping pace with the expansion in the arts. The public doesn't often get a glimpse of the interesting developments in this area, because for example, Latin classes can't produce an Opera or a Pottery exhibit to show their wares. But among the smaller circle of those who can get a first-hand glimpse of academic credit work, the excitement about the programme is as intense as can be found anywhere in the Summer School of Opera or Drama.

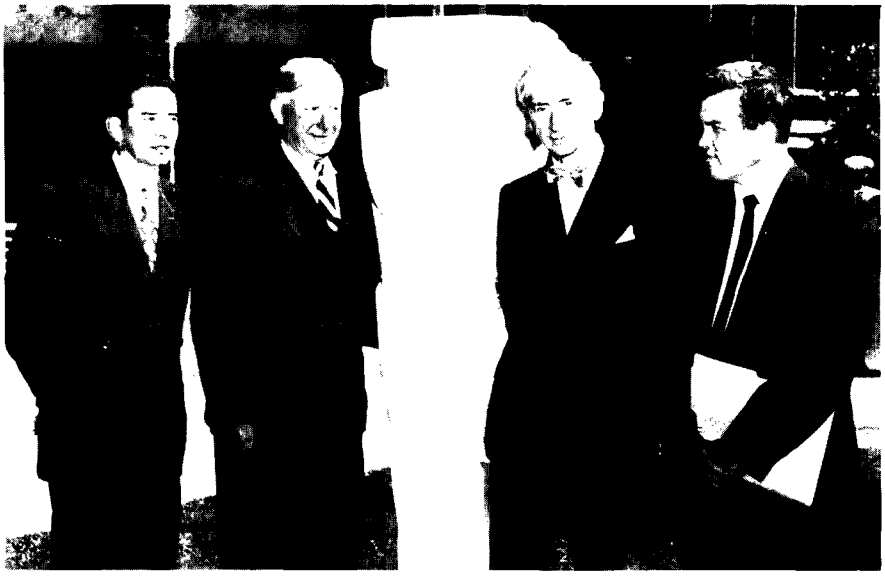
EXPERIMENTAL COURSE IN LATIN

A new experiment in the teaching of Latin, for example, proved highly successful. Some 26 students registered for instruction in five different Latin courses, ranging from First Year to Graduate level. All were taught in the same class from the same text by the same instructor. Mr. H. T. Logan, Professor Emeritus of Classics, expressed keen satisfaction with this experimental course, after some initial doubts when he first saw the size of the class. In the six-week course, the class read the whole of Vergil's Aeneid in English with the First Year students averaging 376 lines of translation and the Graduate and Honours students doing as much as 2382 lines. The composite course enabled all students to get a view of a major Latin work as a whole, and of its value as literature, in a way impossible in more conventional courses. That the experiment initiated by Classics Department Head, Malcolm McGregor, was a success can be judged by the fact that more than a dozen members of the class requested that it be continued next summer to enable them to take the same kind of course at a higher level.

The expanded offerings in Education, designed to meet the needs of the 1225 School teachers registered at Summer Session, made educational history, with the largest number of education courses ever offered and a long list of distinguished visiting lecturers from all parts of Canada, the United States and the United Kingdom.

Included for the first time was the complete programme of training,

Rôles of the sisters in Mozart's Cosi Fan Tutte, produced by Summer School of Opera; Left, artist in residence, Theresa Gray, and Vancouver soprano, Milla Andrew, B.A.'52.



From Left: Extension Department Head, Dr. John Friesen, President MacKenzie, Visiting Lecturer on Poetry and Art, Sir Herbert Read, and Extension Department Art Supervisor, Robert Davidson.

leading to certification as High School Counsellors. Close co-operation between the University and British Columbia businesses and industries proved invaluable in a special course on "Occupational Information for Counsellors" taught by Dr. H. P. Johns, Director of Educational and Vocational Guidance for the provincial Department of Education.

OCCUPATIONAL LECTURES

Particular attention was paid to B.C. occupations during the course. A major innovation was the inclusion in the course of an expanded week-long session, during which representatives of B.C.'s major industries discussed job situations in their industries with members of the class and others interested in teaching or counselling who sat in on the week's special lectures. B. M. Hoffmeister, Chairman of the Board of McMillan and Bloedel, spoke on the Lumber Industry; R. H. R. Young, Executive Vice-President of Crown Zellerbach, on Pulp and Paper Industry; Ronald Ritchie of Imperial Oil, on the Petroleum Industry; E. L. Harrison of B.C. Packers, on the Fishing Industry; Ralph Pybus of Commonwealth Construction, on the Construction Industry; and Allan C. Kelly of General Paint Corporation, on secondary industries.

Two of the many new courses added this year were, "Methods of Teaching Biology" given by Dr. Ian McTaggart-Cowan, Head of U.B.C.'s Zoology Department, and a course on Adult Education by Dr. J. Roby Kidd, Director of the Canadian Association for Adult Education.

PLANS FOR EXPANSION

With enrolment increases expected to be even greater next summer, plans are already being laid for a further expansion in next year's Summer Session. An even wider range of courses for teachers working toward the new Bachelor of Education Degrees is planned with more teachers expected back at Summer Session after the College of Education has been in operation a year.

Major expansion of the Summer School of the Arts programme is planned over the next two years. Already, U.B.C.'s summer programme in the Arts offers a wider variety of productions than anything of its kind in Canada, including Canada's famed Stratford Festival, and the Summer School of the Arts is the largest in Canada in both enrolment and variety of course offerings.

University officials and an ever increasing number of British Columbia citizens are seeing in the programme of the Summer Festival of the Arts a stimulus to Canadian talent and a whetting of audience appetite for Music, Drama and the Arts on the west coast in proportions hitherto undreamed of.

Children's delight, The Tinder Box, presented by Summer School of the Theatre. Top to bottom: Marie Adams, Betty Ann Tompkins, Eva Mammone.

Summer Scene across the Library lawn, showing part of outdoor Sculpture Exhibit. Centre foreground, "Jazz Band."

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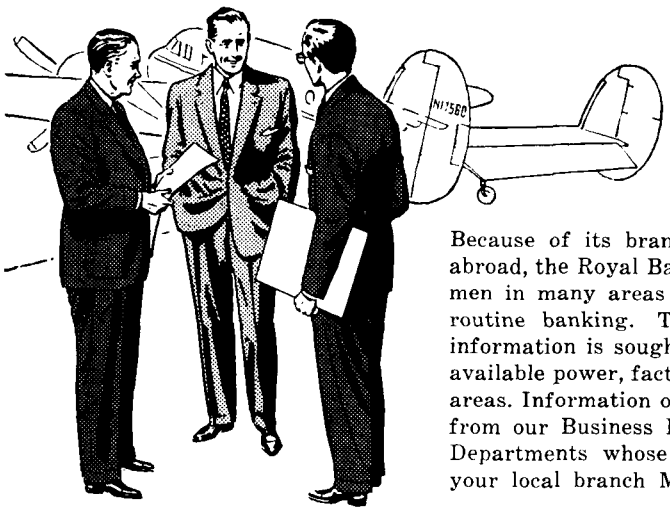

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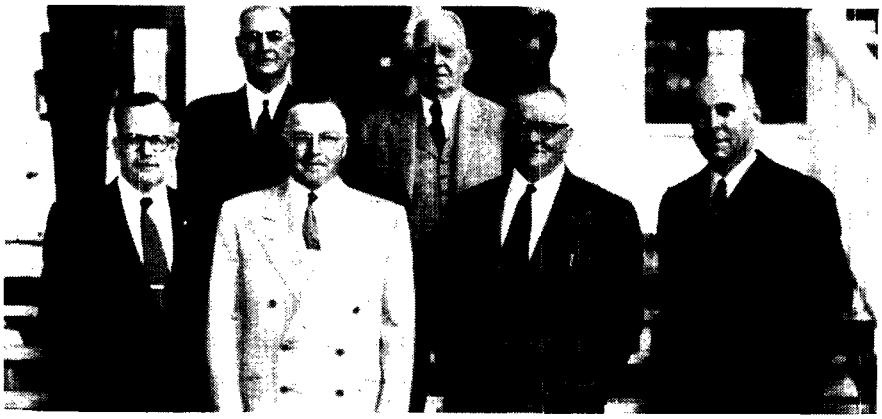

From Left: Cecil A. Lamb, Dean Emeritus F. M. Clement, Fred F. McKenzie, President Emeritus L. S. Klinck, Dr. H. R. L. Davis, C. P. (Dick) Leckie.

Agriculture 1921 Scholarship Fund

An Expensive Christmas Card

By C. P. Leckie, B.S.A.'21, M.S.A.'24.

When Cecil A. Lamb, B.S.A., M.S.A., Ph.D., Agriculture '21, noted on a 1955 Christmas Card to C. P. (Dick) Leckie, B.S.A., M.S.A., — no Ph.D., but Life President of Agriculture '21— that "1956 will mark our 35th Anniversary and we should do something about it," he started a chain reaction that ran up the cost of his Christmas Card quite considerably.

The year 1921 saw the graduation of the first class in Agriculture, containing eight students, of whom three have unfortunately died in the last ten years. These three are the late Marion Green (née Mounce), wife of Howard C. Green at the time of her death; R. C. (Dick) Palmer, Head of the Summerland Experimental Farm, when he died; and C. W. Traves, who was in Government poultry work in Alberta at the time of his death.

From Left: FRONT ROW: Mrs. H. R. L. Davis, Mrs. A. F. Barss, Mrs. H. M. King, Mrs. Cecil A. Lamb, Mrs. Blythe A. Eagles, Mrs. F. M. Clement, Mrs. C. P. Leckie. MIDDLE ROW: Prof. V. C. Brink, Dr. H. R. L. Davis, Prof. Emeritus A. F. Barss, Prof. Emeritus H. M. King, Prof. Cecil A. Lamb, Mrs. Fred F. McKenzie, Mrs. F. E. Buck, Mrs. L. S. Klinck, Dean Walter H. Gage. BACK ROW: C. P. Leckie, Prof. Emeritus F. E. Buck, Dean Emeritus F. M. Clement, Fred F. McKenzie, Pres. Emeritus L. S. Klinck, Mrs. D. G. Laird, Prof. Emeritus D. G. Laird.

Of the five living members one has been lost track of, but on June 12th, the other four, namely H. R. L. Davis, M.D., Cecil A. Lamb, C. P. Leckie and F. F. McKenzie were guests of Dean Blyth Eagles along with many distinguished guests at a very delightful dinner given in the Faculty Club.

At this dinner the above four members of the class presented a cheque for $1750.00 to Dean Walter H. Gage as a first deposit on a Graduate Scholarship Fund for students in Agriculture. A further $600.00 has been promised by these graduates, and they hope to build the fund to a much higher level in the years to come, and would be glad to receive donations from anyone interested.

This fund was conceived in a spirit of gratitude to the University and in the hope that it would inspire other classes to do likewise. It was also inspired to a great extent by recent gifts to the University by wealthy donors, with the thought that a great many more people, wealthy or otherwise, might find pleasure in contributing to the cultural development of our University.

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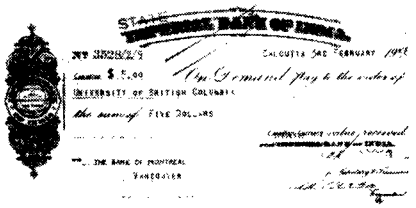
Development Fund Well Over 1955 Record

An anonymous donation of $25,000 from a grateful Alumnus has helped to establish a new record for the Fund four months before the end of the annual appeal.

By September 1, 1800 Alumni had contributed to the Annual Giving Programme and 192 gifts had been received from companies, organisations and friends.

Total in the Fund at this date was $87,466.19, higher by $7,000 than the record achieved in 1955.

Almost 500 Alumni who had never before supported the University through the Fund have made contributions this year. Still to be heard from are several hundred regular donors; their support this year should bring the total to $100,000 — the 1956 objective.



Donation to Class of 1929 Scholarship Fund received from Bhagat Singh Dhami, B.A.Sc.'29; sent from Simla, India, to Harold W. Fullerton, B.A.'29, Chairman 1929 Scholarship Fund Committee.

Canada Council Urgently Needed

During the Canadian Adult Education Conference at Kingston in June a special lunch was convened, sponsored by the Community Arts Council of Vancouver. This meeting was chaired by Dean Geoffrey C. Andrew. Some 125 representatives of various national organisations interested in adult education and of art and cultural groups pressed for early action by the Federal Government on the recommendation of the Massey Commission with regard to the establishment of a Canada Council for the encouragement of the Arts, Letters, Humanities and Social Sciences. The opinion was expressed by many of those present, including Sir Earnest MacMillan and Dr. E. A. Corbett, that this step was most urgently needed at the present stage in Canada's developing cultural life.

Alumnae & Alumni

(Items of Alumni news are invited in the form of press clippings or personal letters. These should reach the Editor, U. B. C. Alumni Chronicle, 201 Brock Hall, U.B.C., for the next issue not later than November 15, 1956.)

1916

Ella Cameron

Ella Cameron, B.A., retired last June as Head of the Mathematics Department, Victoria High School. Miss Cameron had taught for 39 years in the Province, the last 29 being spent on the staff of the Victoria High School.

1917

John M. Buchanan, B.A., formerly President of British Columbia Packers Limited, was appointed Chairman of the Board of Directors at the Annual Meeting of the Company in August last.

1921

Frederick F. McKenzie, B.S.A., A.M.(Missouri), Dr. Agric. (U. Chili), Head of the Department of Animal Husbandry at Oregon State College, accepted a two-year Foreign Assignment in Turkey beginning September 1. He is a member of a team of scientists, sponsored by University of Nebraska as part of a technical aid programme to Turkey, which is working to improve agriculture throughout the country and to expand teaching and research in Agriculture at Turkey's University of Ankara.

1922

Dr. J. F. K. English, B.A., M.A., Assistant Deputy Minister of Education, has received his Doctorate of Education from the University of Toronto. His thesis was "An Evaluation of the Reorganised System of Local School Administration in B.C."

1923

Mrs. Margaret Ada Brown, B.A.'23, with her granddaughter Wendy, a Freshette this Session. Wendy is believed to be the first grand-child of a U.B.C. graduate to enrol at U.B.C.

Rev. Everitt S. J. Fleming, B.A., relinquished charge of the North Surrey United Church at the end of June when he assumed Ministerial duties in the Campbell River United Church.

R. E. Walker, B.A., formerly Senior Vice-President of British Columbia Packers Limited, was appointed President of the Company at the Annual Meeting in August.

1924

C. Roy Elsey, B.A., M.A.'29, Ph.D., Head of the Research and Development Branch of B.C. Packers Limited, has been appointed a Vice-President of the Company.

Harold L. Steves, B.S.A., a Member of the Federal Department of Agriculture Marketing Service, was named Richmond's Good Citizen for 1956 for his work with Boy Scouts. The award is made each year by the Richmond Kiwanis Club.

1925

Thomas W. Brown, B.A., Q.C., of Prince Rupert, has been appointed to the Supreme Court of British Columbia. After taking his degree at U.B.C., Mr. Justice Brown studied Law in Vancouver and did post-graduate work in the London School of Economics. He has been a practising barrister in Prince Rupert since 1929.

George W. Challenger, B.S.A., B.C. Electric Farm Service Representative at Chilliwack for the past 21 years, has been appointed to the British Columbia Milk Board.

Herbert Chester, B.S.A., since 1954 has been Superintendent of the Lethbridge Experimental Farm, (Canada Department of Agriculture), which is this year celebrating its 50th Anniversary.

1926

B. Britton Brock

B. Britton Brock, B. A. Sc., was the official representative of the Geological Society of South Africa to the International Geological Congress in Mexico City, September 3 - 11. This Congress is held every four years in various parts of the world. Mr. Brock and his wife (née Barbara Grote Stirling, B.A.'26), spent their holidays in Canada this summer prior to the Congress and their return home to Johannesburg, S.A. Mr. Brock is a son of the late Dean R. W. Brock, first Head of U.BC. Applied Science Faculty.

1927

Ronald H. Gretton, B.A., a Co-operatives Specialist with the United Nations Food and Agricultural Organisation in Rome for the past four years, will now be devoting himself to the needs of Southeast Asia under a scheme whereby the U.N.F.A.O. is planning to expand its work in the Co-operatives field in South America and Southeast Asia.

Desmond F. Kidd, B.A.Sc.'27, Ph.D. (Princeton), a Vancouver Consulting Geologist, has been appointed Commissioner of the Boy Scouts of B.C. and the Yukon.

Harold D. Smith, B.A., M.A.'29, Ph.D. (Tor.), was awarded an Honorary Degree of Doctor of Science at the 113th Annual Convocation of Acadia University at Wolfville, Nova Scotia. Dr. Smith has been Head of the Nova Scotia Research Foundation since 1947.

1928

H. Leslie Brown, B.A., formerly Commercial Counsellor with the Trade Commissioner Service in Caracas, Venezuela, was recently transferred to London, England.

1930

Nicholas H. Abrahmson, B. A., former Manager of the Winnipeg store of the Hudson's Bay Company, has been appointed Manager of the Company's Vancouver store, effective August 15.

1931

Rev. William J. Selder, B.A., has been called to the North Surrey pastoral charge of the United Church from South Burnaby United where he has ministered for six years.

Charles C. Strachan, B.S.A., Ph.D. (Mass. State Coll.), Senior Food Technologist in the Food and Vegetable Processing Laboratory, Experimental Station, Canada Department of Agriculture, Summerland, B.C., has been appointed Superintendent of the Experimental Farm, Canada Department of Agriculture, Morden, Manitoba.

1932

Thomas McKeown, B.A., Ph.D. (McGill), D.Phil.(Oxon.), M.D.(Birmingham), Professor of Social Medicine, University of Birmingham and U.B.C. Rhodes Scholar 1935, was invited to address The First International Congress of Human Genetics held in Copenhagen, Denmark, August 1-6, 1956. His subject: "Social Applications of Human Genetics."

H. R. Wright, B.A.Sc., has left his position as Chief Engineer of Alaska Pine and Cellulose Ltd. to enter the field of Consulting Engineering. He has associated himself with A. L. Swanson and Co. under the new firm name of Swanson, Wright and Company, Engineers, Limited.

1933

John G. Ruttan, B.A., M.A., B.C.L.(Oxon.), has been appointed to the Supreme Court of British Columbia. Mr. Justice Ruttan was admitted to the Bar in 1937, and has been practising Law in Victoria ever since, with the exception of five years with the Royal Navy during World War II.

Victor J. Southey, B.A., B.A.Sc., has been appointed General Supervisor of all phases of Dominion Wabana Ore Limited operations, Bell Island, Newfoundland. Prior to this appointment, Mr. Southey was employed as Project Superintendent in charge of the construction and installation of both mining and milling plants of the Bicroft Uranium Mining Company at Bancroft, Ontario.

G. Gordon Strong, B.Com., B.A.'34, President and Managing Director of Brush-Moore Newspapers, Incorporated was elected one of three new Directors of the American Newspaper Publishers Association at the Annual Convention in New York.

1934

Ernest W. H. Brown, B.A., formerly Assistant Manager of the Vancouver store of the Hudson's Bay Company, has been appointed Manager of the Company's Winnipeg store.

J. Norman Hyland, B.Com., formerly Executive Sales Manager of British Columbia Packers Ltd., was appointed Vice-President, Sales Division, at the Annual Meeting of the Company in August.

1935

John J. Conway, B.A., A.M., Ph.D.(Harv.), now Assistant Professor at Harvard University, is on leave of absence to continue research in London, England, on the workings of the Democratic System in Canada. He has been awarded a Dafoe Fellowship.

1936

John B. Cornish, B.A., recently won the MacLean's Magazine First Prize of $5,000 for the best novel in a national competition. The novel, about a Doukhobor girl's love, is entitled "Olga."

Margaret Ecker Francis, B.A., has been appointed Women's News Editor of the Vancouver Herald. Mrs. Francis brings to her new position 18 years of newspaper experience which includes varied assignments in Europe and Canada. (See Summer Chronicle, pp. 22-23).

George F. Green, B.A.Sc., formerly Light and Power Superintendent for the B.C. Electric Company in Victoria, has been appointed Executive Assistant to the Company's Chief Engineer in Vancouver.

John J. Conway

Franc R. Joubin
Courtesy John Steele, Toronto

Franc R. Joubin, B.A., M.A.'43, was honoured recently when the Engineering Institute of Canada presented him with the Leonard Medal, the Institute's highest award for technical achievement in any one year. It was presented in connection with his paper, "Uranium Deposits in the Algoma District."

Hugh Palmer, B.A., was appointed Canadian Broadcasting Corporation Television Director for Vancouver. Mr. Palmer has been with the C.B.C. since his discharge from the Navy in 1946.

1938

James W. Hudson, B.Com., formerly Comptroller and Secretary-Treasurer of the Burrard Dry Dock Company Limited, has been named Executive Vice-President and will continue as a Director of the Company. He has also been appointed Executive Vice-President of Yarrows Limited, Victoria.

Robert A. McCormick, B.A., has received his Master's Degree in Education from Stanford University, Palo Alto. He is currently working toward his Ph.D.

Maurice F. Welsh, B.S.A., Ph.D. (Tor.), has been appointed Head of the Plant Pathology Laboratory at Summerland. Dr. Welsh has been associated with the Laboratory since 1935 where his particular field is the study of virus diseases in fruit trees.

1939

F. L. Hartley, B.A.Sc., Director of Research for the Union Oil Company of California, was elected a Vice-President of the Company at the regular meeting of the Board of Directors held July 30, 1956.

1940

Henry Cummings Campbell, B.A., B.L.S. (Tor.), M.L.S.(Columbia), who has been engaged in various Library assignments since graduation, including 4 years in Paris under UNESCO, has been appointed Chief Librarian, City of Toronto, succeeding the late Charles R. Sanderson.

G. H. Turner, B.A., M.A.'41, has been appointed Senior Research Engineer of The Consolidated Mining and Smelting Company's Research and Development Division. Mr. Turner has been with Cominco since 1944.

1941

Harold F. Dixon, B.A., has been promoted to the position of Sales Manager of the Chemical Sales Department of Monsanto Canada Limited. Prior to this appointment, Mr. Dixon was Plant Manager at Montreal.

Edwin Philp Williams, B.A.Sc., M.A.Sc.'42, Ph.D.(Harv.), Senior Research Geologist, Hudson Bay Oil Co., Calgary, Alberta, completed the required work for his Ph.D. in Geology at Harvard University and was awarded the Degree on May 14.

1943

Douglas A. James, B.Com., has been appointed Manager, Casualty Department, Pacific Division of Underwriters Adjustment Bureau Limited. Mr. James is a specialist in the casualty and automobile fields.

1944

Trenna G. Hunter, B.A.Sc., Director of Public Health Nursing for Metropolitan Vancouver, was elected President of the Canadian Nurses' Association at the Annual Meeting held in Winnipeg this summer.

Colin R. Lucas, B.A., B.Com., is now Chief of Public Services for the Illinois State Library, Evanston, Ill. His wife was Catherine Ellen Vosper, B.A.'47. With their two sons they make their home in Springfield.

Earl H. Toombs, B.A.Sc., has been promoted to the position of Development Manager of Monsanto Canada Limited, Montreal.

1945

Harry Thompson, B.A., B.Ed.'51, Superintendent of Schools for the Yukon, was one of 70 educationalists from the 10 Provinces who met recently in Edmonton to study problems of educational leadership in local communities.

1946

John G. Fyles, B.A.Sc., M.A.Sc.'50, who recently received his Doctor of Philosophy Degree from Ohio State University, has been appointed to the Federal Department of Mines and Technical Surveys.

Joseph W. Lott, B.Com.'46, has been appointed Principal of Mount Newton High School in the Saanich School District.

1947

Walter J. Hartrick, B.A., has been appointed Principal of the J. Lloyd Crowe High School, Trail, B. C.

1948

Joseph Baker, B.S.A., M.S.A.'50, Ph.D. (Washington State), received his Doctor of Philosophy Degree in Agronomy at the Sixtieth Annual Commencement of the State College of Washington held on June 3.

A. Deane M. Burnside, B.A., M.Sc. in L.S. (Columbia), M.B.A.(N.Y.U.), has been appointed Assistant General Manager of Signkraft Advertising Limited, Vancouver.

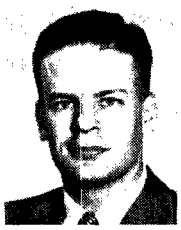
Edward B. D. Lambe, B.A.Sc., M.A.Sc.'49, Ph.D.(Princeton), has been appointed Assistant Professor of Physics at Washington University, St. Louis, Mo.

James W. Hudson

A. D. M. Burnside

NEW APPOINTMENTS IN TRADE COMMISSIONER SERVICE

These five U.B.C. Graduates out of twelve successful applicants from the whole of Canada have received their appointments for a year's training in Ottawa with the Foreign Trade Service. After their year is up they will tour Canada before leaving for their assigned posts.



R. M. Dawson, B.Com.'56.

L. D. Dyke, B.Com.'56.

B. Horth, B.A.'56

D. M. W. Hummell, LL.B.'53

J. M. T. Thomas, B.Com.'56

Donald G. MacDonald, B.A., formerly Vice-Principal of the Lansdowne Junior High School, Victoria, has been appointed to the Principalship.

Major Paul J. Sykes, B.A., M.A. (Calif.), initiated the Air Force Nuclear Engineering Test Facility project at Wright Air Development Center, Dayton, Ohio, in October 1952, and was its Project Officer during the 38 months preparatory to its construction. The project will be used to test aircraft materials, components and systems under development for nuclear-powered aircraft. Construction of the new $7,500,000 installation is expected to be completed by January 1958.

Major Paul J. Sykes

1949

R. P. Dewar, B.Com., C.A., Alumni Contact in Duncan, recently announced the establishment of his own Chartered Accountancy firm.

1950

B. R. MacFarlane, B.A.Sc., formerly with MacMillan & Bloedel Limited at Franklin River, is now with the Development Division of C. D. Schultz & Company, Limited.

M. F. Painter, B.A.Sc., of C. D. Schultz & Company, Limited, is Resident Engineer in charge of the engineering supervision of new road developments which his Company is carrying out for the B.C. Power Commission's hydro-electric expansion programme at Upper Campbell and Buttle Lakes on Vancouver Island.

I. D. Smith, B.A.Sc., has been appointed to the staff of the Tonawanda New York Laboratories of Linde Air Products Company, a Division of Union Carbide and Carbon Corporation. Mr. Smith has been assigned as an Engineer on instruments and automation in the Engineering Laboratory.

1951

Donald C. Dickie, B.S.P., and **Alfred Spencer** B.S.P.'54, have opened their own business in Quesnel, B.C., under the name of Spencer-Dickie Drugs Limited.

H. T. Hall, B.S.F., of C. D. Schultz and Co., Ltd., recently completed a Forest Inventory of the 700-mile Westcoast Transmission Company Gas Pipeline Right-of-Way. He previously supervised the inventory and valuation of the Transmountain Oil Pipeline Right-of-Way.

J. Lawrence, B.A., has been awarded a Canadian Social Science Research Scholarship of $1500 for graduate study at the University of California.

Raymond L. Nordlund, B.A.Sc., M.Sc. (Texas), Ph.D.(Illinois), has been appointed District Manager for British Columbia, Alberta, Yukon and Western Northwest Territories of the Raymond Concrete Pile Company, Limited.

F. A. Pike, B.A.Sc., of C. D. Schultz & Company, Limited, is at present supervising a forest inventory project in Arizona, covering 20,000 acres of one of the largest Ponderosa pine forests in the world.

Andrew Soles, B.A., formerly Vice-Principal of the South Peace Senior High School, now holds the same position at the Trail Senior High School.

1952

G. P. Browne, B.A., M.A.'53, has secured a renewal of his I.O.D.E. Fellowship for further study at Oxford.

Frank A. Cook, B.A., M.Sc.(Wisconsin), has been appointed Assistant Professor of Geography at United College, Winnipeg, Manitoba.

K. E. R. "Bob" Kerr, B.Arch, obtained, with distinction, his Master's Degree in Architecture at the Rice Institute, Houston, Texas.

1953

Peter Harnetty, B.A., has been awarded a Royal Society of Canada Scholarship and a Harvard Scholarship for further study in London to complete his Ph.D. thesis.

Harold Hatt, B.A., received the Degree of Bachelor of Divinity from the Southwestern Baptist Theological Seminary, Ft. Worth, Texas. Mr. Hatt also completed residence work for the Degree of M.A. at Baylor University, Waco, Texas, during his three years in Texas. He will begin studies leading to the Ph.D. Degree, at Vanderbilt University, Nashville, Tenn., with a special scholarship of $1,800.

R. M. Middleton, B.A., has been granted leave by the Department of External Affairs to take up a Scholarship of $2,600 at the recently established Commonwealth Studies Centre at Duke University, North Carolina.

1954

Jacob Austin, B.A., LL.B.'55, Lecturer in the Faculty of Law, 1955-56, was awarded three scholarships for Post Graduate study this year. In addition to a month's study in Holland at the Hague Academy of International Law, he received a $1000 Newton Rowell Fellowship in International Law, and a $1500 Entrance Scholarship for the Harvard University Law School. While in Europe, Mr. Austin was a delegate to the International Law Association Conference in Dubrovnik, Yugoslavia, August 26 - September 1. A major problem for discussion was the legal control of international waterways.

Gerry Kenyon, B.P.E., is joining Dan Zaharko on the staff of the University of Saskatchewan after completing a year of graduate work at the University of Indiana.

C. Elliott Rive, B.S.A., has been appointed Plant Superintendent of Atkins & Durbrow Limited's Peat Moss Operation at Ladner, B.C. Mr. Rive is the son of Charles Rive, B.S.A.'26.

1955

Brian A. Cooper, B.Com., has completed an extensive training programme conducted by the National Supply Company and been assigned to their Estevan, Saskatchewan, supply store.

Patrick J. B. Duffy, B.S.F., has been appointed to the Forestry Research Station, Chalk River, after completing his studies at Yale.

L. W. Elwood Flather, M.D., has an interesting new position with Northern Construction and J. W. Stewart Ltd., serving the D.E.W. Line in the extreme North.

James Edward Hardy, B.A., has been awarded an Imperial Oil Fellowship for advanced studies in Physics. The Fellowship is worth up to $2000 a year, and maybe held for three years. Mr. Hardy is presently working towards his M.Sc. Degree at U.B.C.

David Horne, B.Arch., has been awarded the most distinguished Architectural Scholarship awarded in Canada—The College of Fellows of the Royal Architectural Institute of Canada Scholarship of $2000. During the past year, Dave has been working in Toronto

Heads of the 1956 Graduating Classes in Agriculture, Pharmacy, Home Economics, Physical Education, Forestry, Architecture and Social Work. From Left: John G. Shaw, Wilfrid Sadler Memorial Gold Medal; Gwendolyn F. Q. Leong, Horner Gold Medal; Mary Diane Alsbury, B.C. Parent Teacher Federation Prize; Joyce E. Runnalls and Walter R. Morford, Canadian Association for Health, Physical Education and Recreation Special Prize; Peter H. Pearse, Canadian Institute of Forestry Medal, and H. R. MacMillan Prize in Forestry; Charles H. Easton, Architectural Institute of B.C. Prize; Mrs. Ellen I. Esau, Special Social Work Prize. (For Heads of other Graduating Classes, see Alumni Chronicle, Summer Issue, page 25.)

with Shore and Moffat, Architects, and had to meet stiff nation-wide competition to win the award within a year of graduation.

Walter Ullmann, B.A., M.A.'56, has been awarded a graduate scholarship of $1500 at the University of Rochester to continue research in Canadian History under the direction of Professor Mason Wade.

1956

Bob Morford, B.P.E., has been conducting a new experimental programme during the summer at the Royal Vancouver Yacht Club in connection with their junior programme of sailing and water front activities.

Jim Wensley, B.Arch., in a closely contested decision was awarded Second Prize in the Pilkington Travelling Scholarship for this year. His thesis project for an integrated northern mining town, was considered to be an outstanding contribution to the solution of the problems of these northern outposts.

James B. Webster, B.A., has won a World University Service Exchange Scholarship to study at the University of Ibadan, Nigeria.

Successor to Ernie Brown

At a meeting of the Alumni Association Executive Committee and Board of Management held on July 10, the resignation of President Ernie Brown, because of his transfer to Winnipeg, was regretfully accepted.

Nathan Nemetz

In accordance with the Alumni Association Constitution and Bylaws, Nathan Nemetz, Q.C., B.A.'34, was, on motion, appointed President for the period to March 31, 1957.

ALUMNI AT POWELL RIVER

Four U.B.C. graduate Engineers were promoted in May by the Powell River Company. **Harold P. J. Moorhead**, B.A.Sc.'33, former Chief Engineer, was appointed Vice-President; **O. Melvin Julson**, B.A.Sc.'44, was made Electrical Superintendent; **Richard G. Christie**, B.A.Sc.'49, became Julson's Assistant; and **Albert C. Mullen**, B.A.Sc.50, was promoted to Assistant Engineer at Powell River.

Harold P. J. Moorhead

O. Melvin Julson

Richard G. Christie

Albert C. Mullen

High Energy Conferences

Prof. G. M. Volkoff, M.B.E., B.A.'34, M.A.'36, Ph.D. (Calif.), D.Sc.'45, F.R.S.C., Dept. of Physics, spent the summer visiting laboratories and attending conferences as Chairman of a three-member national committee set up last spring by the Canadian Association of Physicists to look into the problem of establishing in Canada a high-energy laboratory with a particle Accelerator in the billion volt range. In May, he spent three weeks on a trip through several U.S. laboratories including Berkeley, with its six billion volt Bevatron, and Brookhaven, with its three billion volt operating Cosmotron and its twenty-five billion volt machine under construction.

In June he attended a two-week international conference on High Energy Physics, held at Geneva, Switzerland, site of the CERN laboratory (a joint international undertaking by twelve Western European countries), where a 25 billion volt Accelerator is under construction. In July he attended the international conference on Nuclear Reactions held at Amsterdam, Holland. Between the two conferences, he inspected the Saclay laboratory near Paris, where the French three billion volt machine is being built, and the Technical University at Delft where the Dutch one billion volt Accelerator is nearing completion.

Both at Geneva and at Amsterdam Prof. Volkoff's fluent command of technical and scientific Russian placed him in the enviable and much appreciated position of acting as a link between the Western scientists and the Russian delegations of 45 scientists at Geneva and 27 at Amsterdam. The Soviet scientists described their ten billion volt Accelerator now nearing completion near Moscow, and disclosed plans for their 50 billion volt Accelerator projected for the near future.

Winners of Alumni Scholarships

The following are the winners of the twelve U.B.C. Alumni Association Regional Scholarships of $250 each. It may be observed that two additional Scholarships have been provided this year by the Alumni Association.

Winners were selected by Local Committees and the University Scholarship Committee: Katherine Lynne Rogers, Trail; Rumiko Irizawa, Kelowna; Phyllis M. Baird, Victoria; Stanley T. Fukawa, Mt. Lehman; Ruth Ann Senz, Fort St. John; Eleanor M. Hewlett, Kamloops, Barry A. Hagen, Kimberley; Marie Louise Touzeau, Nanoose Bay; David Berg, West Vancouver; Raymond J. Chenosky, Kitimat; Michael J. Brown, Vancouver; Catherine Pellegrin, Castlegar.

The Selection Committees for the ten regions in the Province were:

A. K. MacLeod B.A.'34.

1. J. M. Wolverton, Kimberley, Chairman; A. G. Stirling, Kimberley; K. G. Davies, Kimberley. 2. W. K. Gwyer, Trail, Chairman; Mrs. J. C. Roberts, East Trail; J. Melvin, Trail; J. McDonald, Rossland; R. Lowe, Trail. 3. A. K. MacLeod, West Summerland, Chairman; Dave McIntosh, West Summerland; Mrs. J. C. Wilcox, West Summerland. 4. Mrs. Helen D. Stevens, Kamloops, Chairman; J. D. Gregson, Kamloops; J. J. Morse, Kamloops; H. Keary DeBeck, Kamloops. 5. Scott McLaren, Prince Rupert, Chairman; Mrs. P. F. B. Bird, Prince Rupert; Hon. Mr. Justice T. W. Brown, Prince Rupert. 6. Frank S. Perry, Prince George, Chairman; Mrs. H. B. King, Prince George. 7. W. H. Birmingham, Vancouver, Chairman; Mrs. H. A. Hope, Vancouver; E. B. Broome, Vancouver; J. McGechaen, Vancouver. 8. Dorothy G. Taylor, Haney, Chairman; Amy Hutcheson, New Westminster; Eric Hughes, New Westminster. 9. Dick Falconer, Victoria, Chairman; Neil Neufeld, Victoria; Bill McCubbin, Victoria. 10. Hugh B. Heath, Nanaimo, Chairman; Patricia M. Johnson, Nanaimo; Dr. R. E. Foerster, Nanaimo; Dr. Neave, Nanaimo.

U.B.C. Graduate Honoured in Athens

Dr. Homer Thompson Speaks at Dedication Ceremony

On September 3 in the ancient Agora or Market-place of Athens took place the dedication of the rebuilt Stoa of Attalus. (See Chronicle, Winter Issue 1953, p. 16). Among those officiating at the ceremony was Dr. Homer Thompson, F.B.A., B.A.'25, LL.D.'49, Field Director of the Agora excavations for the American School of Classical Studies in Athens since 1945. As a token of esteem in which he is held by the Greek people, Dr. Thompson was made a Freeman of the City of Athens, and was presented with a special medal by His Majesty, the King of Greece.

The original Stoa was built about 150 B.C. by Attalus II, King of Pergamon, an Alumnus of the Athenian Schools of Philosophy, out of gratitude to the institutions where he had received his University education. It has been rebuilt on the site at a cost of more than a million dollars, donated by friends of the humanities, mainly in the United States.

Of this undertaking Dr. Thompson writes: "The Stoa of Attalus is the great market-hall of the 2nd Century B.C. which once closed the east side of the Agora in ancient Athens. The primary purposes of the reconstruction was to provide a museum for the more than 60,000 objects recovered in the excavation of the Agora. But the reconstruction will also afford a unique opportunity to appreciate the scale and the architectural design of this very characteristic type of ancient Greek building, in whose spacious marble colonnades the citizens spent much of their time.

"The reconstruction of the Stoa represents the culmination of a quarter century of exploration which has been devoted to clearing the ancient Market-place by the American School of Classical Studies at Athens, and the dedication of the building will constitute the final event in a three-day programme in celebration of the 75th Anniversary of the School's activity in Greece."

Physics Department Staff

The Physics Department seems to be maintaining its reputation as the most cosmopolitan department in the University. New appointments this year include the following:

Dr. J. R. Prescott, Assistant Professor—Melbourne, Australia; Mr. J. B. Gunn, Assistant Professor—Cambridge, England; Dr. P. W. F. Gribbon, Instructor—Belfast, Ireland; Dr. G. Bate, Research Associate—Sheffield, England; Dr. Karl Erdman, Research Associate—Cambridge University; Dr. Myer Bloom, Post-doctorate Fellow—Leiden, Holland; Dr. M. S. Sodha, Post-doctorate Fellow—New Delhi, India; Dr. Oskar Nydal, Post-doctorate Fellow—Trondheim, Norway; Dr. B. L. White, Post-doctorate Fellow—Auckland, New Zealand; Dr. W. A. Little, Post-doctorate Fellow—Rhodes University, S. Africa.

Homer A. Thompson in his study at Institute for Advanced Studies, Princeton, N.J.
"Courtesy LIFE Magazine. © 1947 Time Inc."

The Department regrets the loss of a number of members of the staff. Dr. A. R. Clark, Associate Professor and well known for his work in Geophysics, has resigned to accept a position with Noranda Mines in Ontario. Dr. C. A. Barnes has resigned to accept a senior research position at the California Institute of Technology. Others leaving the Department to accept positions in the United States and Australia include Dr. G. Cumming, Dr. J. Blakemore, Dr. F. D. Stacey and Dr. T. Pavlopoulos.

Physical Education Graduates What Are They Doing?

It is seven years since the first Degrees in Physical Education were granted at U.B.C. What has happened to the 189 Graduates in this interval? Here is the answer.

MEN

Teaching in Secondary or Elementary Schools	79
Recreation work (Community Centres)	16
Y.M.C.A. Work	5
Services (Air Force and Army)	8
Physical Medicine (Rehabilitation)	3
Colleges and Universities (Teaching)	4
Travel	2
Business (Other than above)	11
University—Post Graduate Study	6
Unknown	2
Deceased	2
Total	138

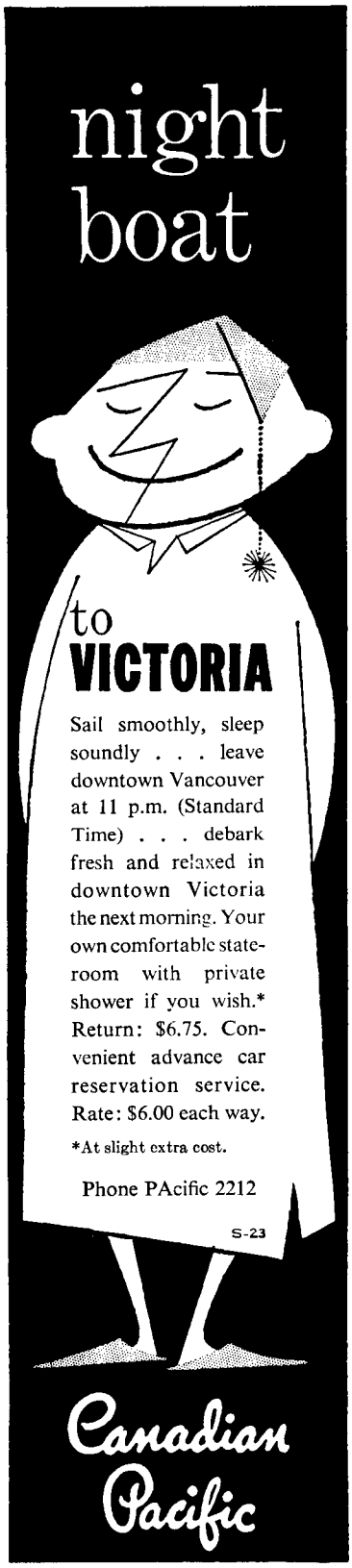
WOMEN

Single and Teaching School	19
Single and Teaching University	2
Married and Teaching School	11
Married and Not Teaching at present	12
Travel	2
Other Work (Air Hostess, Red Cross Lab. Tech. and Physiotherapy)	3
Unknown	2
Total	51

* * *

PROGRESS TOWARD NEW ARTS BUILDINGS

It is reported that plans of the new Arts Building (See Chronicle, Summer Issue, Front Cover) were approved and sent to tender toward the end of August, returnable in four weeks. Tenders received will be considered at the Board of Governor's meeting September 24, and work will start forthwith. Completion date is in the Spring of 1958. Clearing of the site has already begun.



ARCHITECTS' DISPLAY AT P.N.E.

The School of Architecture erected a display at the Pacific National Exhibition which raised considerable favorable comment. Students in the fifth year were largely responsible for the exhibit. The Architectural Institute of British Columbia participated in the project financially.

Faculty of Commerce Staff Changes

Dean
Earle D. MacPhee

The newly-created Faculty of Commerce and Business Administrations under Dean E. D. MacPhee, M.M., M.A., B.Ed. (Edinburgh), starts off with a number of new faces in the Division of Accounting.

Donald B. Fields, B.Com.'43, C.A., Associate Professor, resigned at the end of June to become B.C. resident partner for Clarkson, Gordon & Company, with head office in Vancouver. R. D. Thomas, B.Com. (Tor.), Assistant Professor, has resigned to take over responsibility for training in the various branches of Riddell, Stead, Graham & Hutchison. He will reside in Toronto.

Three new accountants have joined the teaching staff. Mr. Roger M. Bain, B.A., B.Com.'36, C.A., comes to us with ten years experience in the Income Tax Department, followed by several years experience in industry. Mr. Arthur Beedle, B.Com., C.A., was a partner in a firm of accountants in England, emigrated to Canada in 1952, and has been a partner in Chadwick, Beacon & Company of New Westminster. Mr. David Blazouske, B.A., B.Com., C.A., is joining us from the Faculty of the College of Commerce, University of Saskatchewan.

The Board of Governors has appointed Robert H. Heywood, B.A.'38, Vice-Principal of Victoria High School, as an Associate Professor in charge of the Division of Commercial Teacher Training. He will be assisted during the session 1956-57 by Mr. Robert S. Price, B.A.'46, B.Com.'47, who has been granted a year's leave of absence from the principalship of Royal Oak High School to complete the M.B.A. degree at this University.

Professors C. C. Gourlay, B. E. Burke, S. M. Oberg and W. O. Perkett have all been continuing their doctoral studies during the summer session of the University of Washington and will be returning to the campus at the end of August.

Spends Summer in Europe

Professor Fred Lasserre, Director of the School of Architecture, reports that he had a successful 3½ month tour of Europe , giving 13 lectures in the British Isles, visiting some 52 cities and interviewing 21 Schools of Architecture in 11 countries. He was particularly interested in the variation in teaching methods which nevertheless seemed to result in an Architecture having a considerable similarity, from London to Rome to Helsinki to Vancouver. During his travels he met: **Martin Opie,** B.Arch.'53, who had just returned to England from Iraq, where he had been on a planning assignment with Max Lock. His present plan is marriage and a year or so working with Alfred Roth, Architect in Zurich, Switzerland. **Dick Archambault,** B.Arch.'55, who is busy gathering material in England and on the Continent for the Report he is to prepare as a winner of the Pilkington Travelling Scholarship. **Ken Terriss,** B.Arch.'52, who is taking time off in the middle of his post-graduate studies, Langley Scholarship and an M.I.T. award, to work in Sweden. Ken worked for some six months in Italy and now hopes to spend a year in Stockholm where he has obtained an interesting and remunerative job with a busy firm of architects.

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The Faculty

Dean Gordon Shrum, O.B.E., M.M., E.D., M.A., Ph.D. (Toronto), F.R.S.C., Faculty of Graduate Studies, spent two weeks immediately after Congregation in the United Kingdom. He visited a number of University, Government and Industrial Research laboratories. These included the Universities of Oxford, Cambridge, Birmingham and Liverpool, the Atomic Energy Research Establishment at Harwell and the Radar Research Establishment at Malvern. Returning to Canada early in June, Dean Shrum attended meetings in Ottawa and Montreal and then joined a National Research Council Inspection Tour of the Northwest Territories. Centres visited included the Uranium Mining Centre at Beaverlodge, Yellowknife, Norman Wells, Aklavik and the DEW Line radar station at Tuktoyatuk on the Beaufort Sea.

Dean F. H. Soward, B.A. (Tor.), B.Litt. (Oxon.), F.R.S.C., Head, Department of History, Director of International Studies, and Associate Dean of Graduate Studies, has just published a pamphlet on "The Department of External Affairs and Canadian Autonomy 1899-1939" as the seventh in a series of historical pamphlets produced under the auspices of the Canadian Historical Association.

Dr. John Ward Patterson, A.B. (Ohio Wesleyan), M.S. (Ohio State), Ph.D. (Ohio State), M.D. (Western Reserve), formerly Associate Dean of Medical Education, Western Reserve University, Cleveland, Ohio, is the new Dean of the Faculty of Medicine. Dr. Patterson brings to his new post a large background of intensive research in organic chemistry as it pertains to medicine, coupled with a wide administrative experience in medical education.

Dean J. W. Patterson

A. Willem de Groot

Walton J. Anderson, B.S.A., M.Sc. (Sask.), Ph.D. (Chicago), Associate Professor and Chairman of the Department of Agricultural Economics, was recently appointed Director of the Agricultural Institute of Canada, B.C. Branch.

A. Earle Birney, B.A.'26, M.A., Ph.D. (Tor.), F.R.S.C., Professor, Department of English, spent the summer in San Miguel Allende, Mexico, where he lectured on the "Craft of Poetry" to a class of American writers at the Instituto Allende an Art Institute affiliated with the University of Guanajuato. In August, Dr. Birney gave a Canadian poetry reading to the American-Mexican Writers League in Mexico City.

Professor A. C. Cooke, B.A. (Man.), M.A. (Oxon.), Department of History, is on a year's leave of absence to do research on Colonial Policy in East and West Africa. He will study first in London and later will proceed to Africa, returning for the Session 1957-58. His place will be taken by William H. Whiteley, B.A.'51, Ph.D. (Cornell).

Geoffrey O. B. Davies, M.A. (Cantab.), Assistant Professor, Department of History and International and Asian Studies, has recently been appointed Administrative Assistant to the President of the University.

Wolfgang Gerson, A.A.Dipl., M.R.A.I.C., A.R.I.B.A., joins the staff as Associate Professor. He was formerly Associate Professor of Architecture at the University of Manitoba. **Arthur C. Erikson**, B.Arch., M.R.A.I.C., joins the staff of the School of Architecture, after spending a year at the University of Oregon. He was joint-winner, recently, of the coveted Massey Medal.

A. Willem de Groot, M.A., Ph.D., (Groningen), Special Lecturer Department of Classics, has accepted the appointment by Queen Juliana of the Netherlands, to the Chair of Linguistics in the University of Utrecht. He will begin work in his new post at the end of September and will deliver his inaugural address on December 17. His appointment will expire on his reaching the age for retirement at seventy. Professor de Groot was honoured by the U.B.C. Senate on August 24 with the permanent title of Professor Emeritus of Classics. Before coming to U.B.C. five years ago he had been for 30 years Full Professor of Latin in Amsterdam University and Visiting Professor in the University of California at Los Angeles.

Ping-Ti Ho, B.A. (National Tsing Hua Univ. Peiping), Ph.D. (Columbia), Assistant Professor, Department of History and International and Asian Studies, has spent the summer at Harvard, working in a team of experts on a study of China's population since 1950. He also attended a conference in New Hampshire, convened by Dr. Sylvia Thrupp, B.A.'25, of a dozen social scientists and economic historians, and read a paper on Social Mobility.

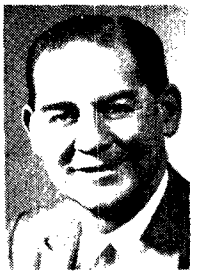
Rev. N. D. B. Larmonth, B.A., D.D., has been appointed to the staff of the Anglican Theological College. He will be in charge of the Public Relations work of the College and mainly concerned with increasing the interest in the work of the College, which is the training school in British Columbia for Anglican clergy.

Patricia Montgomery, B.P.H.E. (Tor.), Instructor, School of Physical Education, has resigned from the teaching staff to continue her studies at the University of Wisconsin.

Peter M. Mullins, Dip. in Phys. Ed. (Sydney Teacher's College), B.Sc., M.Sc. (Washington State), Instructor, School of Physical Education, and **Robert G. Hindmarch**, B.P.E.'52, Instructor, School of Physical Education, spent the summer in graduate work at Washington State College.

Professor Robert F. Osborne, B.A. '33, B.Ed.'48, Head of the School of Physical Education, was recently appointed Manager of Canada's Olympic Track and Field Team. Bob is a former U.B.C. Track and Basketball great, who for many years has been active in amateur athletics. He is Past-President of the Amateur Athletic Union of Canada, and Manager of the 1948 Olympic Basketball Team. While in Australia he will attend the World Congress on Physical Education.

William J. Rose



James O. St. Clair-Sobell.

Professor W. J. Rose, B.A. (Man.), M.A. (Oxon.), Ph.D. (Cracow), LL.D. (U.B.C.), F.R. Hist. S., F.R.S.C., Honorary Lecturer, Department of Slavonics, was given the permanent title of Professor Emeritus of Slavonic Studies by Senate on August 24. Professor Rose has retired from the post of Special Lecturer.

James O. St. Clair-Sobell, M.A. (Melbourne), Ph.D. (Gras), Professor and Head of the Department of Slavonic Studies, visited Poland as the guest of the Polish Academy of Sciences in April, 1956. Dr. Sobell took part in the proceedings of a Special Session of the Academy devoted to the memory of Poland's greatest poet, Adam Mickiewicz. The sessions extended over a week and were held in the Palace of Culture in Warsaw. Delegations of scholars came from a dozen different countries. The papers presented at the Session are to be published in a special memorial volume in honour of Mickiewicz.

H. Douglas Whittle, B.P.H.E. (Tor.), M.S. (Oregon), Associate Professor, School of Physical Education, has completed work for the Doctor's Degree at the University of Oregon and had the Degree conferred in June.

B. Paul Wisnicki, Dipl.Ing., M.E.I.C., will return from his leave of absence of two years to resume his position as Associate Professor in charge of engineering courses in the School of Architecture.

Charlotte S. Black

Home Economics 1956

A Review of Achievement

By Charlotte S. Black, B.Sc.(H.Ec.)Man., A.M.(Columbia)., Director School of Home Ecanomics

The year 1956 will stand as a high point in the progress of Home Economics at U.B.C. This is the year in which an honorary LL.D. was granted to Miss Jessie L. McLenaghen in recognition of her contribution to education in the Province. This year, too, the Home Management House became a reality and the Canadian Home Economics Association held its convention in Vancouver. Arrival at a high point indicates perseverance and a climb; this has been the case with Home Economics at U.B.C.

THE START

It was in 1925, when our University moved to the Point Grey site, that the women of the Province, who had had a realisation of a need for some time, became fully active in their campaign to have established in the growing University a Chair of Home Economics. These women valued the teaching of homemaking arts and skills in the Elementary Schools and foresaw increased need for such instruction, if home standards were to be maintained through the period of rapid expansion in the Province. They believed that B.C. girls should have the opportunity to become teachers of Home Economics without going to other Provinces for their education. They translated their beliefs into actions, presenting their study of needs and proposals for meeting them to those in educational authority. Further, they commenced to raise funds among the interested public. In 1928 the Board of Governors of the University and the Minister of Education announced the imminence of the establishment of a Department of Home Economics at U.B.C., and that fall young women were enrolled in a preliminary Arts course, with the expectation that special instructors and facilities would be ready two years later. However, the depression was upon us by then, and plans for expansion at the University were abandoned. The women's group, true to their convictions, granted Scholarships from the funds raised by them to the students who had enrolled for Home Economics so they might complete their study at other Universities.

Paralleling the work toward higher education in Home Economics, Dr. McLenaghen, as Provincial Supervisor for the subject, had been instrumental in having valuable advances made. The standard for a Degree in Home Economics was established for teachers of the subject. The subject of Home Economics in the High School curriculum was recognised for H.S. graduation and University entrance. The standard of teaching and the course content were greatly upgraded by this inspired and indefatigable leader. Still all the teachers came from other Universities, and many B.C. High School graduates, who were potential home economists, were lost through their inability to go elsewhere for their education.

PROGRESS

The efforts of the women's groups, now centralised in a Permanent Committee on Home Economics of the Parent-Teacher Federation, continued to be directed toward keeping the case for Home Economics before the authorities of the University and the Department of Education. In the fall of 1942, the Minister of Education announced that a Department of Home Economics would be established at the University of B.C. the following fall. The goal was finally in sight and became a reality when 60 young women enrolled in September 1943. Miss Dorothy Lefebvre was appointed Acting Head and Insructor in Foods and Nutrition, with Miss Stella Beil to instruct in Clothing and Textiles. The foundation laid by these pioneers proved to be strong and worthy, in spite of problems, not the least of which was a complete lack of laboratory facilities on the Campus. It was not until 1948 that laboratories of quite satisfactory arrangement were completed. By this time the student body was averaging 150 a year and the Faculty had grown to 10 in number.

1949 commenced with a set-back when all the laboratories were completely destroyed by fire. It proved to be a year of achievement, however, as the new buildings was completed by September. The Department was now housed in a manner second to none in Canada, and had learned how many truly interested friends it had.

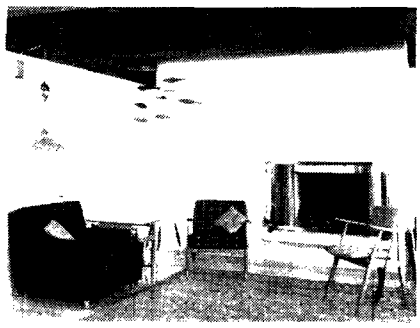
APPRAISAL

Arrival at a high point gives opportunity for survey and appraisal. Home Economics is seen to be a broad field encompassing far more than skills. It has been defined as a "study of the arts and science of living" or, only slightly less broad, "of the arts and science of homemaking". At University level, a Home Economics programme includes Social Sciences as well as Natural Sciencs. The walls of a house, no matter how well they may be designed or how well the interior may be equipped, do not confine the family nor absorb all the time and interest of the homemaker. More of her energy goes today into choice-making and the determination of values than in the days of the washboard and coal range. Modern equipment and the increasing use of the push-button make for leisure and the need for interest of a creative and stimulating nature.

Any University graduate might be expected to have such a degree of maturity and wealth of background that the psychological facets of homemaking may be dealt with to their satisfaction. Further, being able to read and interpret instructions, they may develop sufficient skill to meet their needs. The student in Home Economics however, is offered an education that will prepare her for a profession through which she may be of service to individuals and homes at large. Concurrently, she becomes better prepared to undertake her own homemaking.

THE PROFESSIONS

The years between 1943 and 1956 have enabled 415 young women to receive the B.H.E. degree, the first ones being granted in 1946. At the last count—out-of-date by the time this reaches the editor—280 of these graduates were married, with a proportion of these still continuing in the professional field of their choice. Our records show that one-half of each class is married within two years of graduation. This points to the importance of designing the content of the four-year course to meet the needs of the individual in preparation for her true life-work as well as for one of the other professions: too narrow a



Home Management House, living room area of family suite, looking over entrance to Howe Sound; makes use of light pastel colours, white trim and floor, fireplace wall for light reflection, Mobile for spatial design.

specialisation at the undergraduate level would be a mistake.

The two major professions into which graduates have gone are Teaching and Dietetics, which have attracted 195 and 160 respectively. Opportunities in these fields have far outstripped the number of candidates prepared for them. The Teacher of Home Economics carries a great responsibility for developing attitudes and standards believed to be desirable in Canadian homes, as she teaches skills. The practical phases of her work receive more public attention than do the other more intangible ones; the food is eaten and the dress is worn. The scope of the work of the Dietitian is as frequently misunderstood as is that of the Teacher; she is a manager in charge of a department that serves the public, whether sick or well; she has many employees of several grades and a considerable budget under her direction. The Dietitian purchases the food, directs its preparation, teaches her staff and must have the product at the point where it is to be eaten in good condition and on time. In a Hospital she has the added responsibility of preparing for special nutritional needs of patients.

A minority of graduates have entered other fields. The Textiles industry has offered opportunity for those who wished to do further work in testing and developing new finishes and fabrics. Positions as Nutritionists have appealed to those who have wished to maintain the health of the population at large. A considerable group of graduates may be found in positions, where they answer the endless and varied questions of homemakers—with home-service centres of utility companies, newspapers and magazines. Others are attached to the staff of food and equipment companies, aiding in the development of new products, keeping the homemaker aware of what is new and, indeed, stimulating her wants for the particular new products of that company. As there are more and more ready-to-use products, labor-saving equipment and cleaning aids on the market, there are Home Economists behind the scenes, aiding in the development of these. A few graduates with particular talent and "flair" have entered the highly-specialized field of design and interior decoration. Far too few young women have proceeded to graduate study and intensive specialisation or research; this is a weakness and must be rectifield if the professions are to grow.

THE HOME MANAGEMENT HOUSE

Theory without practice does not prepare the young graduate for any professional field in Home Economics. Laboratory sessions parallel lectures throughout; however, the climax comes with residence in the Home Management House. A house has been in operation since 1947 in temporary quarters, attractive to the eye but inefficient as a home. The new house, opened in March of this year, links up with the very start of Home Economics at U.B.C., as the funds raised by the women in the twenties became the nucleus of the House Fund. Contributions from scores of interested Alumni and friends swelled the fund to the point where construction could be undertaken. The house is now complete and, like most new homes, is covered not only by a roof but also by a mortgage.

Home Management House, Dining Room, opens off L-shaped living area, looks out on Marine Drive, continues pastel colour plan, white tile floor laid all one way for line direction and simplification; open door gives entry to family kitchen.

All senior students spend a period of three weeks living in the house and carrying all the major responsibilities of a home. The management of their time and limited resources, as well as social responsibility for the group, are valuable experiences. To live in a house of contemporary design, attractive in color and furnishings, with the latest in finishes and equipment enables the student to evaluate the functional aspects of the new in everyday life. There are those who question the advisability of having all up-to-date instead of requiring the students to face the necessity of using their ingenuity with the old. In every field we are educating for tomorrow, not for yesterday; when the graduates realise what may be, they will strive harder to improve less efficient, comfortable and healthful conditions.

VISITORS ENTERTAINED

It was with pride that the members of the Canadian Home Economics Association were welcomed to Vancouver and the campus in July for the Canadian Biennial Convention.* It was shown that the professional resources of this Province could provide a rich and well-rounded programme while the physical resources supplied relaxation without parallel. The U.B.C. campus and Home Economics building were particularly appreciated and will be remembered. While not wishing to prepare for such a convention soon again, the large group of B.C. Home Economists which co-operated to make the meetings a success is gratified by the results.

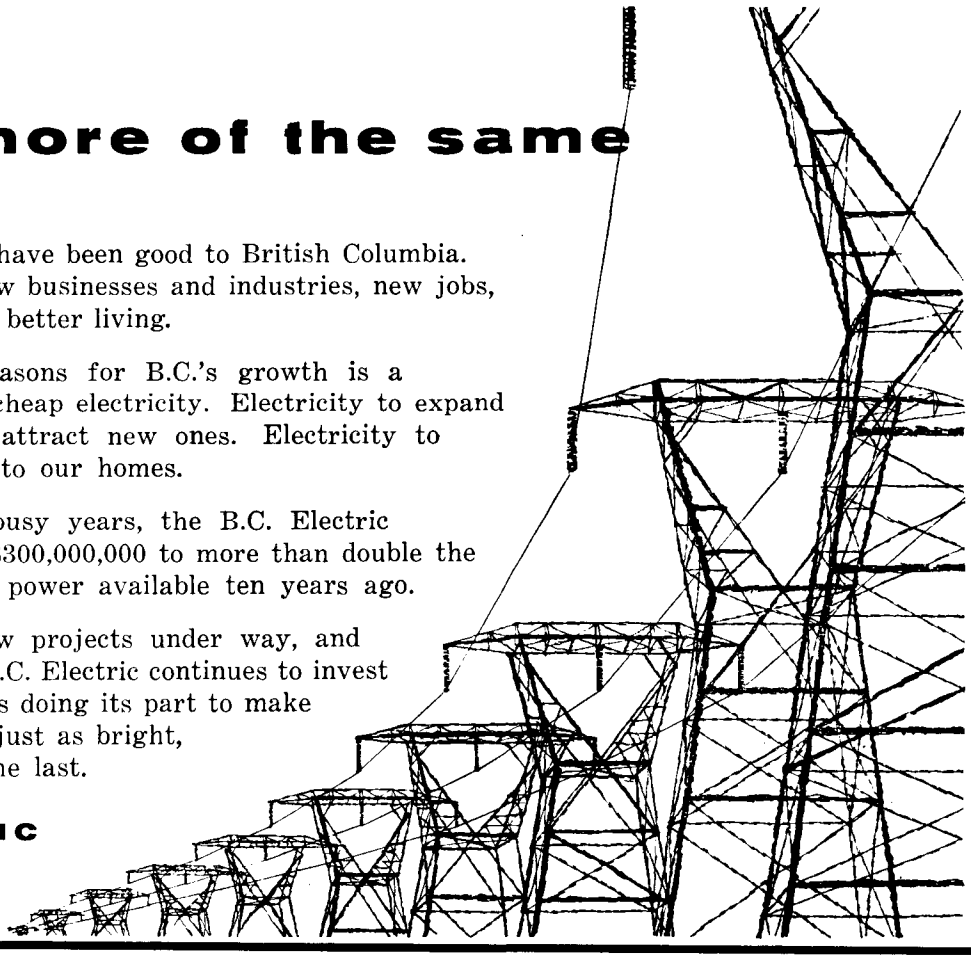
*(Miss Black was Chairman of the Committee in charge of arrangements for the Convention, of which also she was Chairman.)

THE FUTURE

The future of Home Economics cannot be static. As the subject matter deals with the home and living it must go forward with the times. Much of what is, or may be, included in Home Economics courses has value for all students and should not be limited to a selected group of majors. The study of the family and the child must be extended with facilities for the observation of and research with small children added. Facilities for research in the fields of nutrition, textiles and foods must be added in order to enrich instruction and to prepare the graduate for their places in the rapidly-developing fields. Developments in the field of education are envisioned in co-operation with the College of Education, so teachers may be prepared to meet the increasing demands of our schools. The needs of the individual as a Home Economist must be continually re-evaluated as more and more she will be called upon to fill a multiple rôle as homemaker, mother and professional Home Economist.

The period between 1925-1956 has seen Home Economcs take great strides in the Province of British Columbia; the coming decade should bring spectacular consolidation, appreciation and development.

10 more of the same



The past ten years have been good to British Columbia. They've brought new businesses and industries, new jobs, bigger pay cheques, better living.

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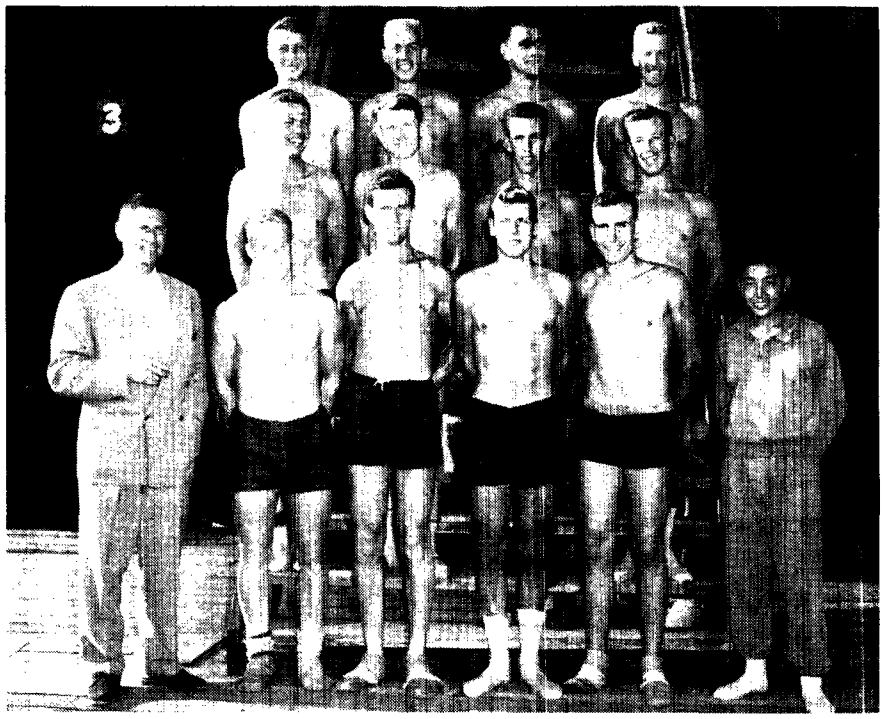
SPORTS SUMMARY

Olympic Crews in Training
Western's Mustangs Open Football Season

By R. J. Phillips, Athletic Director



Olympic Crews, 1956. In front, centre four, is the Four-oared Crew; Middle and Back Rows with Carl Ogawa, are the Eight. From Left: Front Row—Frank Read (Coach), Don Arnold, Walter d'Hondt, Lorne Loomer, Archie McKinnon, Carl Ogawa. Middle Row: Dave Helliwell, Bob Wilson, Dick McClure, Phil Kueber. Back Row: Laurie West, Wayne Pretty, Bill McKerlich, Doug McDonald.

ROWING

In 1950 Frank Read volunteered to coach the U.B.C. Rowing Crews, and in the interval of six years has achieved an enviable record of rowing successes. Starting with dual meets against Oregon State for the "Egg Cup", the crew's activities broadened to include the California Sprint Championships at Newport Beach, where America's top intercollegiate boats gathered annually for races over the 2,000 metre distance. These events were good experience for our crews, but even better experience for Frank, who gradually developed a system of training which he has since applied most successfully. Superior physical condition is the keynote—condition achieved through long winter months of special calisthenic exercises, followed by miles upon miles of rowing in Coal Harbour and Burrard Inlet. The finishing touches, the delicate training in crew co-ordination, mark the final phase of Read's programme. His ability to bring a crew up to the peak of athletic efficiency, at the time of competition is probably the key to his string of rowing victories—the B.E. Games, the Royal Henley, and the Canadian Olympic Trials.

Now the U.B.C.-V.R.C. Crews of 1956 face their sternest test—the Melbourne Olympics. The eight-oared crew, which set a world record of 5:49.6 for the 2,000 metre race at the Olympic Trials, has five returning lettermen: Stroke, Laurie West (Vancouver), Doug McDonald (Ganges), Bob Wilson (Kamloops), Phil Kueber (Duncan), and Cox, Carl Ogawa (Salmon Arm). The new members are Bill McKerlich (Vancouver), Wayne Pretty (Winfield), David Helliwell (Vancouver), and Dick McClure (Courtenay).

The four-oared crew is composed entirely of freshman rowers: Stroke, Don Arnold (Kelowna), Walter D'Hondt (Vancouver), Lorne Loomer (Nelson), and Archie McKinnon (Cranbrook). In their phenomenal victory at the Trials they broke the Olympic record with a time of 6:05.8 over 2,000 metres.

Although the success at the Trials established the crews' right to represent Canada at Melbourne, the Canadian Olympic Association does not have sufficient funds to pay the transportation costs. It has been necessary, therefore, to raise funds in British Columbia for that purpose, and to pay for the cost of training and equipment. Mr. Aubrey Roberts, Arts'23, 1955 Great Trekker, is chairman of the "Help Our Crews Committee". Donations would be most welcome. Cheques should be made payable to "U.B.C. Development Fund", marked "rowing", and sent to the University Alumni Office, Brock Hall.

TRACK AND FIELD

Doug Clement, the former University of Oregon track star, who represented Canada at the 1952 Olympics in Helsinki, was selected to attend the 1956 Canadian Olympic Training Plan in Toronto in August. Here he placed second in the 800 metres, third in the 400 metres and anchored the 1600 metre winning relay team from Vancouvr. He has been chosen to represent Canada in these events at Melbourne in December. Clement is now entering his second year of Medical studies at U.B.C. He will anchor the U.B.C. Mile Relay in the half-time race against the University of Western Ontario on September 22. Doug Kyle, B.A.Sc.'54, former U.B.C. track star, will also be a member of the Olympic Team and running the 5,000 and 10,000 metres.

FOOTBALL

The University of Western Ontario "Mustangs" will invade U.B.C. Stadium on Saturday, September 22nd, in an effort to win the Sir Winston Churchill Trophy. This fourth Annual Canadian Intercollegiate Football Exhibition Game will again be in aid of the Canadian Paraplegic Association. Western Ontario has been consistently successful in the Eastern Intercollegiate League, where coach John Metras boasts a Won 59, Lost 31, Tied 8 Record, since he took over the coaching duties in 1940.

Sir Winston Churchill Trophy.

Last year the "Thunderbirds" held the McGill University "Redmen" to a scoreless tie. Coach Frank "Gnup" will definitely field a stronger team this fall, with the return of the majority of last year's squad. The preseason training camp is expected to be the largest in U.B.C. history, which may result in the formation of three competing teams: Varsity, Junior Varsity and Junior.

The 1956 Thunderbirds Schedule is as follows:

Sept. 22—University of Western Ontario—Vancouver, 2:00 p.m.

Sept. 29—Pacific Lutheran College—Vancouver, 2:00 p.m.

Oct. 6—Eastern Washington College—Cheney.

Oct. 13—Western Washington College—Vancouver, 2:00 p.m.

Oct. 20 — Whitworth College — Vancouver, 2:00 p.m.

Oct. 27—College of Puget Sound—Tacoma.

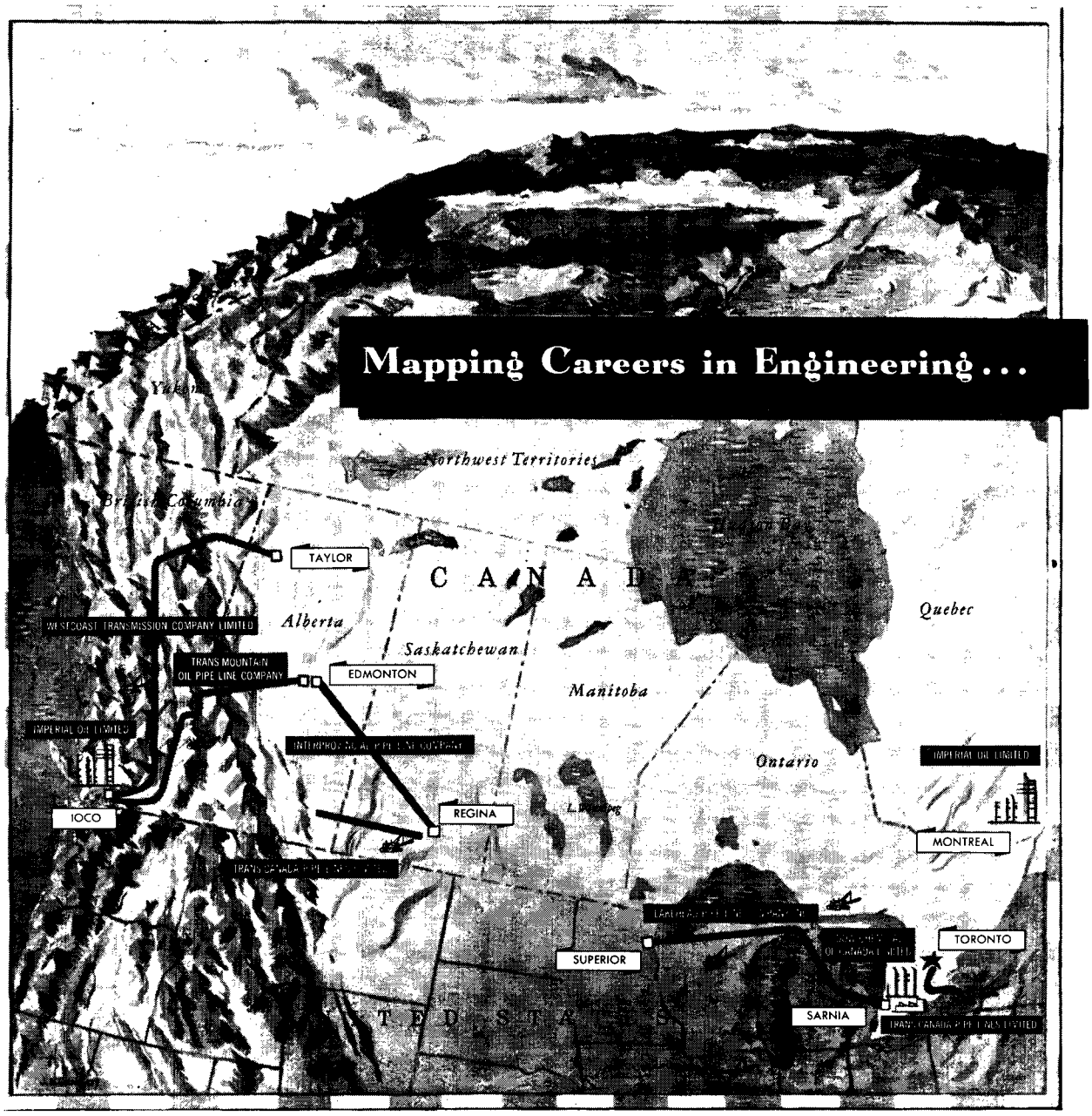
Nov. 3—Central Washington College (Homecoming)—Vancouver, 2:00 p.m.

Nov. 10 — Seattle Ramblers — Vancouver, 2:00 p.m.

Nov. 10 — Seattle Ramblers — Vancouver, 2:00 p.m.

SOCCER

For the first time in its history, the U.B.C. Soccer team will travel to California for games against Stanford on November 3 and the University of California on November 5. Arrangements for the trip have been finalised by the Athletic Office, on the understanding that both Stanford and California will play return matches here in the fall of 1957.



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Panhellenic House on Campus

A long-cherished dream of U.B.C.'s Sorority women is nearing reality with the announcement from City and Campus Panhellenics that a drive for funds to erect a Panhellenic House is under way.

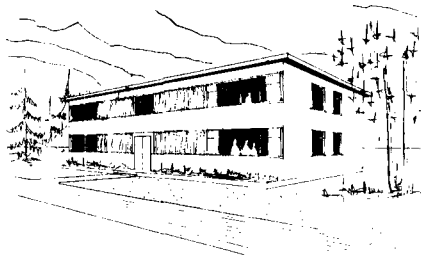
According to Mrs. James A. (Honoree) Findlay, B.A.'36, Chairman of the Building Committee, the $80,000 building would be used by both undergraduate and Alumna Sorority members for meetings, some social functions, and as a between-classes dining and recreation centre.

Although final plans are still being drafted, the house will consist of eight large rooms, each with kitchen, storage and cloakroom facilities. There will be powder rooms on each of the two floors. A large lounge is also planned if funds are sufficient. In any event allowance for future additions is being made in plans, Mrs. Findlay said.

She added that the request of the ninth sorority on the campus to be omitted from participation at this time for financial reasons has been regretfully accepted by the Panhellenic executive.

At last report, a site had not been selected, but University officials, who acknowledge the immediate need for the building and are lending their enthusiastic support, have promised early action on a location near the heart of campus activities.

Work on the building project has been going on for two years under the direction of Mrs. Edward A. Mary-Pat) Robertson, B.A.'49, Mrs. Kenneth M. (Joyce) Walley, B.A.'46, and Mrs. R. M. (Susan) LePage, B.A.



Rough sketch of proposed Panhellenic House at U.B.C.

'52, present City Panhellenic President. Following that organisation's workshop in June, a building committee was set up with representatives from each of the groups involved. They are Janice Greenlees, B.A.'32, Mrs. A. R. (Mary) Wood, B.A.'48, B.Ed. '48, Mrs. V. Ben (Helen) Williams, B.A.'28, Mrs. Thomas (Joy) McCusker, B.A.'47, Mrs. G. Dudley (Mim) Darling, B.A.'39, Mrs. Norman M. (Elizabeth) Beaton, B.A.'29, Mrs. Melville H. (Maxine) Shaw, B.H.E.'46, Mrs. Lionel H. (Margaret) Salt, B.A. '44, Mrs. Walley, Mrs. Robertson and Mrs. Findlay.

This Committee is now seeking support from each Sorority Alumna in the form of cash donations or long-term pledges. Undergrad Panhel members passed a motion that each would pay $30.00 during her undergraduate years into a house fund, and it is hoped that each Alumna will at least match this amount.

While Alumnae will not perhaps derive so much benefit personally from the house, the committee points out that the building would serve to strengthen the fraternity appeal and encourage wider membership, as well as providing the convenience of a permanent Sorority headquarters in Vancouver.

Officials of the University Development Fund have offered to accept donations for this purpose, making such payments income-tax deductible. Anyone wishing to contribute should make the cheque payable to the U.B.C. Development Fund, marking it clearly "Panhellenic House". If you wish to have a specific Sorority credited with your donation, add that name as well.

Present and predicted enrolment figures for the University indicate that it will be many years before there will be enough out-of-town girls on the campus to make it possible for the Sororities to maintain their own houses, and Panhellenic and University officials agree that the Panhellenic is a most satisfactory compromise at this time.

A ready and generous response from supporters of the women's Greek Letter societies will ensure an early start on construction of this much-needed centre for Sorority activities.

—Margaret Salt.

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ANDERSON-KRAFT. Donald Oliver Anderson, B.A.'50, M.D.'54, to Marion Irene Kraft.

ANDREW-HERON. Peter Robert Andrew, B.Com.'56, to Rosemary Claire Heron.

ANTLE-HOGG. John Victor Stephen Antle, B.Com.'55, to Elizabeth Rose Hogg, B.A.'56.

ARCHIBALD-KERR. William R. Archibald, B.S.A.'53, to Patricia Mary Kerr in Regina.

BARDAL-ANDERSON. Calvin Oliver Bardal, B.S.F.'51, to Shirley Margaret Anderson.

BAXTER-RAE. John S. Baxter, B.A.'48, to Jean Rae Fox, in Hamilton.

BEBB-STEEL. Douglas E. Bebb, M.D.'56, to Betty Elaine Steel.

BELLOW-DAYE. Donald Grant Bellow, B.A.Sc.'56, to Jean Marion Daye.

BERTO-GRITTE. Frank Joseph Berto, B.A.Sc. '52, to Constance Beatrice Gritte, in Aruba, Netherlands West Indies.

BIGOT-SHULEY. Jean Marcel Bigot, to Margaret Elizabeth Shuley, B.A.'50.

BOCKHOLD-MITCHELL. Lawrence L. Bockhold, B.A.Sc.'53, to Evelyn Margaret Mitchell.

BODNER-WRIGHT. Harvey A. Bodner, to Janie-Diane Wright, B.P.E.'55.

BRADSHAW-ATTWOOD. Ronald Laird Bradshaw, B.S.A.'53, to Evelyn Grace Attwood, B.S.N.'55.

BRODIE-LEWIS. Robert Gordon Brodie, B.A.Sc.'53, to Kathleen Suzanne Florence Lewis.

BRUCE-STURDY. James Douglas Bruce to Sandra Joan Sturdy, B.A.'55.

BUCKMASTER-WOOD. Harvey Allen Buckmaster, M.A.'52, Ph.D.'56, to Lilybel Patricia Wood.

BUHR-WILSON. Kenneth Henry Buhr to Sheila Anne Rosalind Wilson, B.A.'52.

CARLSON-McCOSHAM. Stewart Jopling Carlson to Margaret Ruth McCosham, B.A.'51.

CAVE-SEYMOUR. George Derry Cave, B.A. '51, M.D.'55, to Judith Egerton Seymour.

CHURCH-LANGILLIE. Albert John Church, B.Arch.'55, to Shirley Violet Marie Langille.

CLARKE-CHISHOLM. Alfred Thomas Clarke, LL.B.'54, to Anita Grace Chisholm, B.A.'48, B.S.W.'49.

CLARKE-WHITE. Douglas Harvey Clark, B.A.'48, to Bonnie Gordon White, in Ottawa.

CREELMAN-STANLEY. Eugene L. Creelman to Vera Marie Stanley, B.A.'53.

CROUTER-DONALDSON. Richard Allan Crouter, B.A.'53, to Anne Elspeth Donaldson.

DADSON-JAY. Philip J. Dadson, B.Com.'52, to Beverley Anne (Anita) Jay, B.A.'52.

DeVITO-CASEY. Leonard James DeVito, B.Com.'56, to Anita Mary Casey.

DOWNING-FAULKNER. Michael Edward Downing, B.A.'49, to Charlotte Elizabeth (Betty) Faulkner.

DYE-McCAWLEY. William Dye to Iris Beth McCawley, B.A.'51.

DYKE-BISSETT. Lorne David Rhos Dyke, B.Com.'56, to Esther Ann Bissett, B.A.'54.

ELKINS-EDMONDS. Frank George Elkins, B.A.Sc.'55, to Mary Jane Edmonds, B.H.E. '55.

EZZY-LOURIE. Albert K. Ezzy, to Suzanne Elizabeth Lourie, B.A.'55.

FLEMONS-NEWCOMBE. Gordon Frederick Flemons, B.Com.'56, to Jill Alison Newcombe.

FREDRICKSON-GORDON. John Murray Fredrickson, B.A.'53, to Alix Louise Gordon.

GALBRAITH-HILL. Craig Low Thomson Galbraith, M.D.'56, to Janet Winifred Hill.

GARDOM-MACKENZIE. Garde Basil Gardom, B.A.'49, LL.B.'49, to Theresa Eileen Mackenzie.

GATEHOUSE-O'MEARA. John Gatehouse, LL.B.'50, to Emily Gail O'Meara, in Victoria.

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GREAVES - HARRISON. Kenneth Darcy Greaves to Esther Bonita Harrison, B.A.'54, in Taymouth, N.B.

GREEN-SUTHERLAND. Stephen Herbert Green, LL.B.'55, to Barbara Jean Sutherland.

GUTTORMSSON-SNAPE. Kristjan Vigfus Guttormsson to Joan Snape, B.A.'51, LL.B. '52.

HALVORSON-GODDARD. Harold Norman Halvorson, B.A.'55, to Margaret Ann Goddard.

HAMM-McALLISTER. Don Hamm, to Margaret (Peggy) Oral Breta McAllister, B.S.P. '50, in Mission City.

HANNA-BURTON. John Eakin Hanna to Margaret Olive (Peggy) Burton, B.S.A.'45, M.S.A.'47, in Ottawa.

HAYWARD-SAGE. Lloyd Douglas Hayward to Flora Margaret Gerrans Sage, B.A.'41.

HENSON - THOMSON. Williams Sherwood Henson, B.A.'50, LL.B.'51, to Katherine Helen Thomson.

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KELSEY-BENINATI. Harley Edward Kelsey, B.A.Sc.'55, to Gloria Kay Beninati, in Kimberley.

KIRSTIUK-TAIT. Julian Kirstiuk to Barbara Anne Tait, B.A.'54.

KORNDER-HALL. Lee D. Kornder, M.D.'56, to Thais Lorraine Eleanore Hall, B.A.'52, M.D.'56.

LARSEN-KALHOVD. Raymond Scerre Larsen, B.A.Sc.'56, to Laila Thelma Kalhovd, in Rossland.

LEGGATT-DUERKSEN. Stuart Malcolm Leggatt, LL.B.'54, to Marlene Elizabeth Duerksen.

LODGE-PEARSON. Terence Owen Lodge, B.Com.'56, to Teresa June Pearson.

LOGAN-BYERS. William Gordon Logan to Dorothy Jean Byers, B.A.Sc. (Nurs.)'50, in St. John, N.B.

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MORROW-SHARPE. Boswell Robert MacDonald (Barney) Morrow, B.Com.'56, to Elaine Alice Sharpe, B.S.P.'56.

McALPIN-DesBRISAY. Capt. Kenneth McAlpin to Diana Eileen DesBrisay, B.A.'49.

McARTHUR-KENTON. James Anderson McArthur, B.Com.'41, to Betty May Kenton, in Victoria.

McCALLUM-TWA. Walter Edward McCallum to Maureen Gertrude Twa, B.H.E.'56, in Fulford Harbour.

MacLEOD-HICKERNELL. John MacKechnie MacLeod, B.A.Sc.'56, to Jean Elaine Hickernell.

McDONALD-DWYER. Kenneth G. McDonald, B.S.P.'56, to Loretta Anne Dwyer, B.P.E.'55.

MACDONELL-RICHARDSON. Alan Wilson Macdonell, LL.B.'52, to Fay Ann Richardson, B.A.'54.

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PATERSON-DARLING. James Muir Paterson, B.A.Sc.'55, to Valerie Ann Darling, B.H.E. '54.

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Inland Natural Gas
COMPANY LIMITED

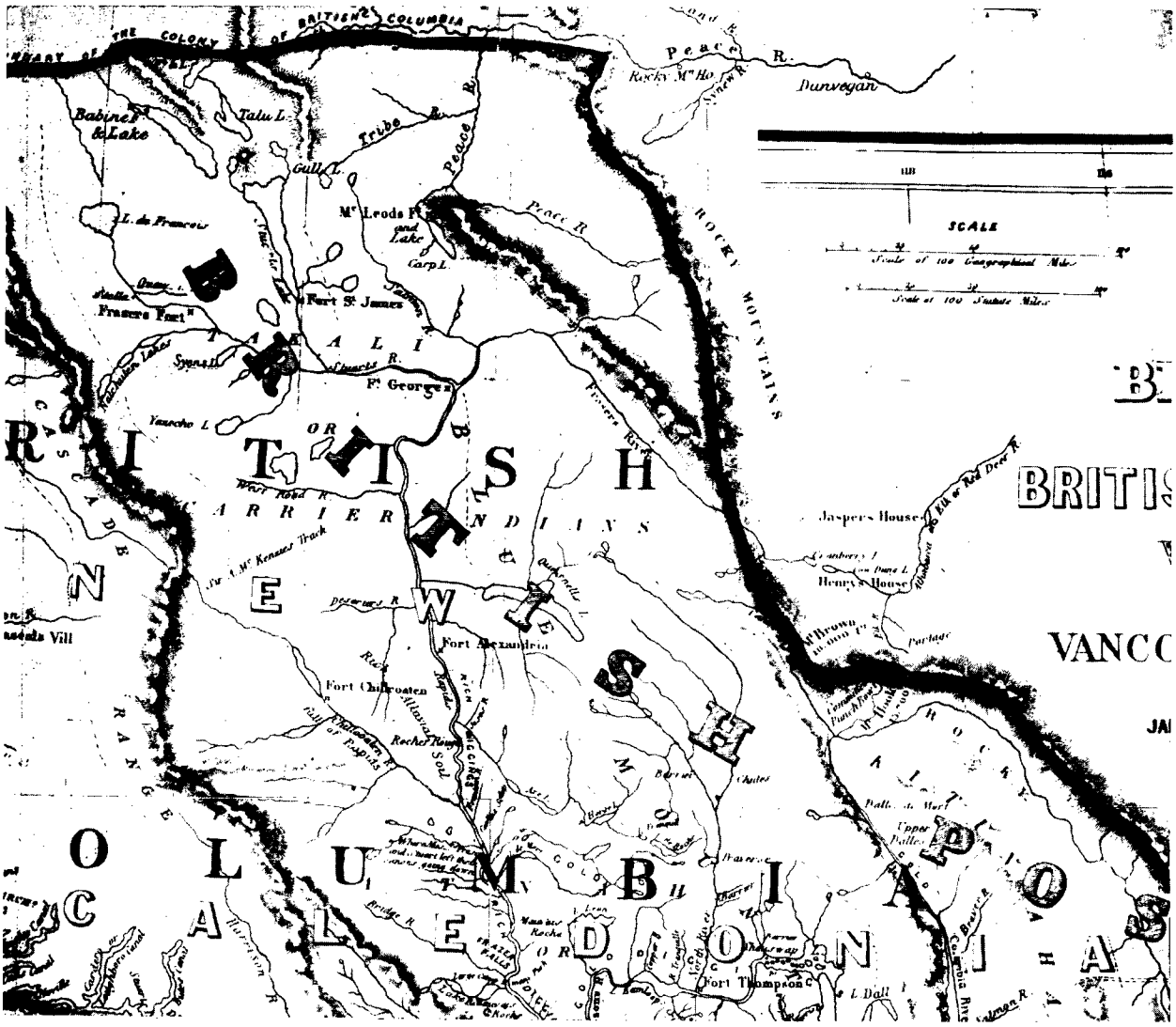
NATURAL GAS IS NATURE'S MOST EFFICIENT FUEL

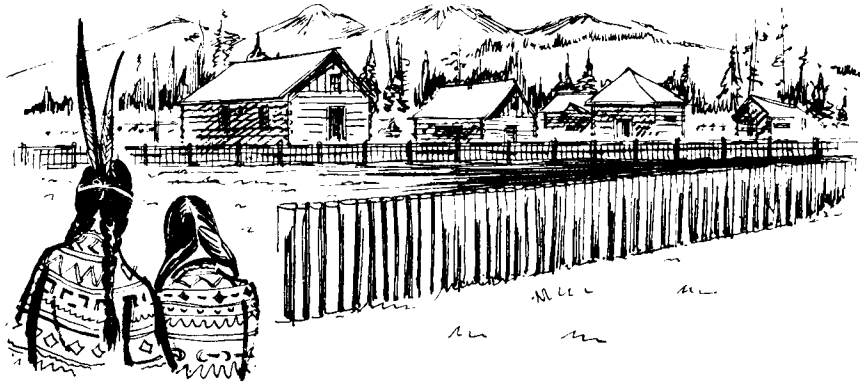
Dr. H.V. Warren
1816 - Western Parkway,
Vancouver 8, B.C.

B.A. 26
B.A.Sc. 27

RETURN POSTAGE GUARANTEED

Georgia and Granville
Vancouver, B.C.





An 1858 map of the Interior of British Columbia, identified as New Caledonia, drawn up the year the colony was created. Fort Thompson (near bottom) is now Kamloops; Ft. George (upper centre) is now Prince George.

—B.C. Archives

Hudson's Bay Company
INCORPORATED 2ND MAY 1670.