
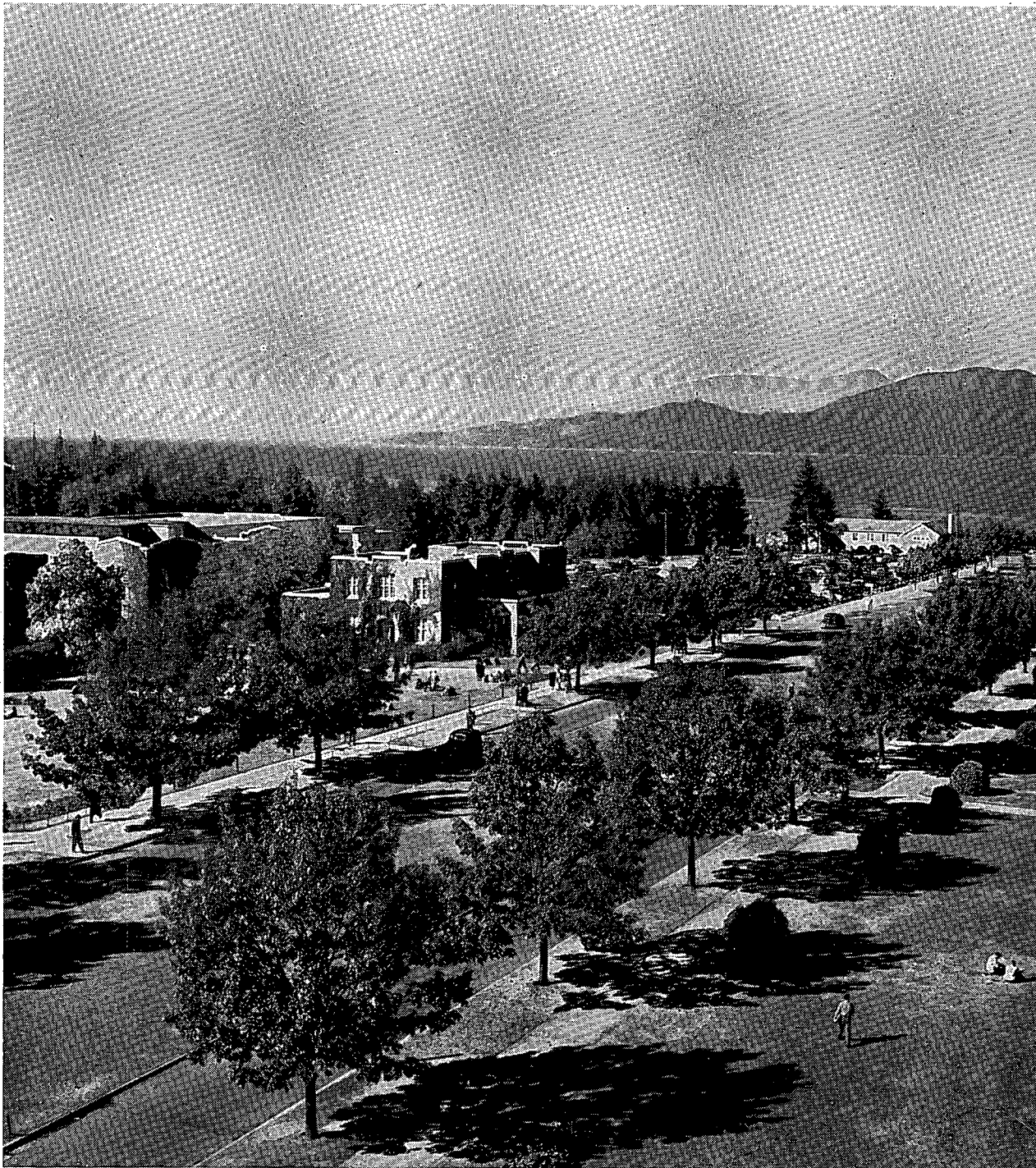


**UNIVERSITY OF CALIFORNIA ALUMNI**

 *Chronicle*



**AUTUMN 1957**



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# Chronicle

## Let Us All Tell the U. B. C. Story



Dr. A. E. Dal Grauer

The Alumni Association is in a very strong phase currently and gives every appearance of continuing to be strong. This is a particularly happy circumstance because the University is entering into a difficult period, one of

unusually rapid expansion with its attendant problems on a wide front.

Individual Alumni members do not need convincing about the merits of higher education and the important rôle of the University in the many facets of British Columbia's and Canada's life. Indeed, I think there is a particularly strong tie between U.B.C. and its Alumni, perhaps because each of us, as an undergraduate, was keenly aware that the University had to work hard for everything it got.

We all deeply appreciate, therefore, the educational and cultural value of U.B.C., its broadening effect upon its students. The many new "doors" that are opened for undergraduates have had, over a period of time, an incalculable effect upon the social and cultural fabric of the Province.

We all know, too, what an active and stimulating centre for the arts the University has become. The theatre, music and the visual arts, have gained greatly in the community from the excellent, often experimental and always authentic work done in both regular and summer sessions.

The Summer Session is doing a fine job, not only for the teaching profession of the Elementary and Secondary Schools but for a great many individuals and groups who would otherwise find it difficult or impossible to get the educational experiences and further educational training they desire. And the Extension Department carries the educational torch in a

wide variety of ways throughout the Province.

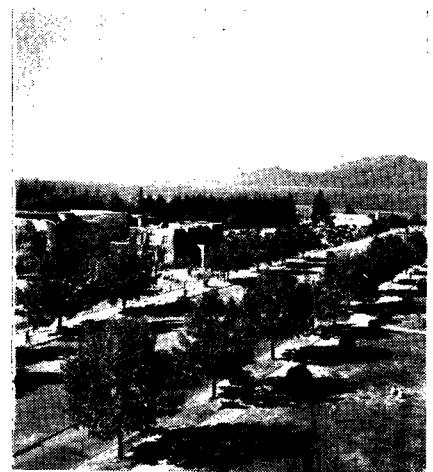
The Alumni know from their own experience what an important contribution U.B.C. makes to the business and the professions of British Columbia. We are all proud of the spectacular and diversified growth that B.C. has had, particularly since the end of the last war. That growth would not have been possible without a flow of professionally trained persons, technicians, executives and a broad stream of others in whose education the University played an important part.

Then, too, there is the research done at U.B.C. or throughout the Province under the guidance of University personnel. This research is of prime importance to many phases of B.C.'s economic life—forestry, fisheries, mining, agriculture—as well as to industry and the professions. Among the professions one thinks particularly of the research of the infant Medical Faculty which is already making its influence felt on the health and welfare of British Columbians.

The solid contribution that U.B.C. has made to the Province in the past, the established place it now has in B.C. and the incalculable value of the many contributions it will surely make in the future are all things that we Alumni can be very proud of.

My special message to you is that we should be actively proud; in short, that we should do an educational job for our Alma Mater, just as it has done for us. The people of B.C. do not and cannot be expected to know nearly as much as the Alumni about the invaluable work U.B.C. is doing. Here is an important educational job that each of us can do no matter where we live. The University is dependent for its future support and strength on the widest possible appreciation of the great work it is doing.

Let us all tell the U.B.C. story!



Typical Campus Scene Looking North Along Main Mall Towards Howe Sound.

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**U.B.C. ALUMNI CHRONICLE**

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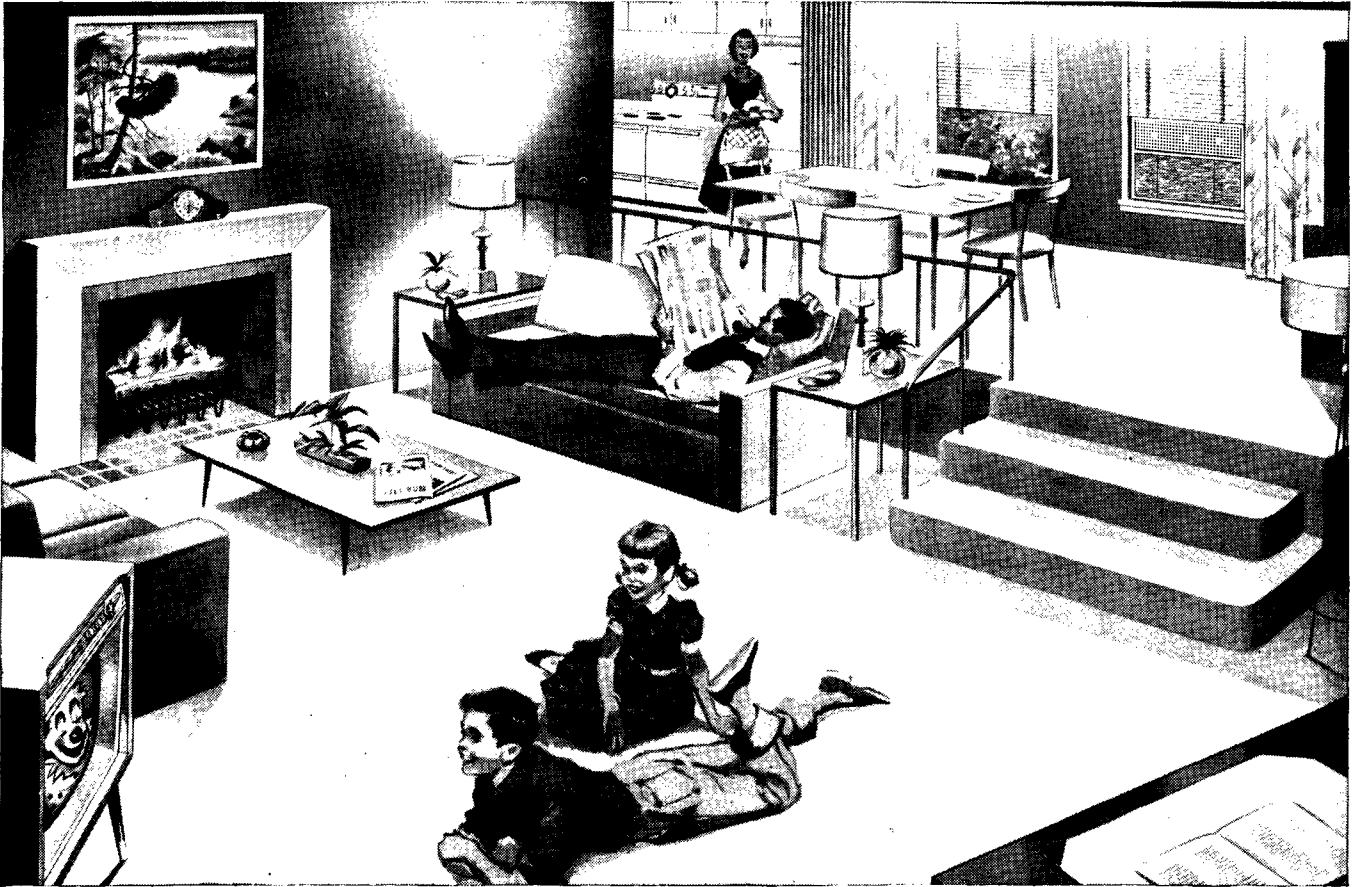
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# The Editor's Page

## The University Appeal

TUUM EST was selected as the motto of the University by U.B.C.'s first President, Dr. Wesbrook. For him, these two Latin words meant that the University belongs to the people. On more than one occasion he said: "The University is a Provincial institution; it exists to serve all the needs of all the people." This was, for Dr. Wesbrook, a self-evident truth. Gradually, through the years, the University has extended its services; gradually, the people of the Province have come to realise the value of these services. We are justifiably proud of our University. Are we willing to meet the growing costs of maintaining it? If so, we have an opportunity to show our willingness by positive action.

There can be no shadow of doubt that the obligation to pay for the University rests on the citizens of the Province, for, by the University of British Columbia Act, passed fifty years ago, the citizens established a monopoly in higher education. Under the terms of the Act, no other University may grant degrees in the Province. The people of B.C., in 1908, assumed the responsibility of maintaining the University as an integral part of the public educational system.

It is surely something of a paradox that the University itself now finds it necessary to divert so much of its own energies from its proper function to a campaign to raise funds required to maintain and expand its services of higher education. Aubrey Roberts, Campaign Director, has described briefly the plans and objectives for the Campaign, (see Page 27). Chancellor Dal Grauer, in a message specially written for the Chronicle, (see Page 3) asks for the active participation of all Alumni, many of whom have already promised to assist (see Page 6). With such support and with the sympathetic help of many leading citizens, under the Chairmanship of Mr. Paul Cooper, there is good reason to hope that the objectives of the appeal will be reached. The need is great.

## News of U.B.C.

### U.B.C. Reports

It is probably true that every Alumnus has a desire now and then for recent news of his Alma Mater. His interest, of course, will be mainly in the Faculty, School or Department in which he has worked as a student. Few U.B.C. students, however, have confined their interests, during undergraduate years, within such narrow limits, and it is certain that all have become acutely aware of the bigness of the University and of the almost



The Editor's Office.

universal extent of its varied studies and activities. Most would like to know, from time to time, how things are going at the old place at Point Grey, "between the mountains and the sea."

The University family to-day also includes the many hundreds, even thousands, who have come to know and to love U.B.C. through attendance in Short Courses, Summer Session Courses, and in the rapidly-developing work of the Extension Department, which to-day takes the University into every corner of the Province. These too have a personal interest in the University.

Outside the orbit of persons who may have this special sense of belonging to the University, are those in the ever-widening circle of friends,—parents, tax-payers, employers and potential employers, etc. All these, for one reason or another, are interested in the progress of higher education, as seen in the expanding life of U.B.C.

In an effort to provide an up-to-date news coverage of suitable proportions, the University publishes the 4-page monthly summary, "U.B.C. Reports," which all Alumni receive, if their addresses are known. Here the reader will find a carefully-edited, authoritative, comprehensive account of events, as they happen, in the University year. Apart from filling a felt need of very many U.B.C. Alumni and former students, this lively medium of communications, under the editorship of U.B.C. Information Officer, Ed Parker, B.A.'54, has done a competent and important job in the field of Public Relations.

The Information Officer, who is one of the busiest men on the Campus, has also given generously of his time this year as Associate Editor of the Chronicle. Our readers will regret to learn that he is leaving U.B.C. on or about the publication date of this Issue. He will continue his studies towards his M.A. Degree at Stanford University. We wish him good luck and all success in his work there.

*Harry T. Logan*

## From the Mail Bag

### BEGINNINGS OF THE ALUMNI ASSOCIATION

"I was the first Secretary of the Alumni Association. The first President was "Chas" Wright and my effort on behalf of the Alumni was to assist in drawing up a Constitution. This was in the Summer of 1917. "Chas" was working that summer at a chemistry plant at Barnet and he delegated to me the task of securing a copy of the Constitution of the Toronto University Alumni Society of Vancouver. To do this I made a call at the office of Mr. Leon Ladner, who at that time was Secretary of the Toronto group—then when "Chas" would be in Vancouver for weekends we would have a meeting."

Mrs. Eric E. Swadell  
(née Laura Pim), B.A.'17,  
713 E. Fairmont Ave.,  
Modesta, California.

### THERE'S NOTHING WASTED

"Shortly after reading Dr. B. B. Brock's article on how nothing is really wasted in a life of varied experiences, and how seemingly unrelated events have all tied themselves together in the end and have led to his present discoveries, I came across the following passage in Paul Velery's famous essay on 'Poetry and Abstract Thought':

'I must ask you to forgive this essay in self-revelation. But it seems to me a great deal more useful to describe something I have myself experienced than to lay claim to a form of knowledge which is independent of the knowing mind, some observation from which the human observer has been banished. The truth of the matter is that all theories are really fragments, meticulously prepared, of an autobiography.'

A little later in the essay, Valery says something about all-round experience and about having a more or less able hand in matters outside your own special field:

'It is my sincere belief that a man who is incapable of living more than his own life, cannot in any real sense live even that.'

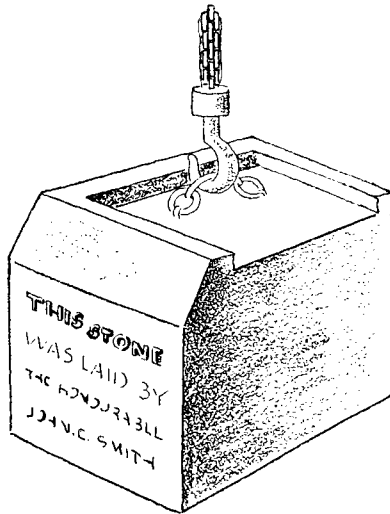
There is much else which bears out the article by Dr. Brock, but I wrote mainly to draw your attention to the wise saying about theories being fragments of autobiography."

—Nine of Diamonds

REMEMBER

HOMECOMING

NOVEMBER 8-9



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## Branches

One project, and one only, will occupy the attention of Alumni during the months of October, November and December: Capital Gifts Campaign—Phase 1.

During this period the University family—Faculty, Students, Alumni—will be asked to pledge their support of the Campaign, to demonstrate their faith in the future of U.B.C.

For Alumni the challenge is the greatest ever. We know the need. We are the beneficiaries. We should set the pace.

The Campaign Committee has made one point very clear: Industry and the public cannot be expected to support the University if it is not supported by its own Graduates.

The ALUMNI OBJECTIVE is a simple one: 100 per cent participation—a contribution from every Alumnus.

### REGIONAL APPROACH

Alumni Branches and Regional Committees will play a vital rôle in the Fall Advance Gifts Campaign. Their effectiveness will largely determine the success of the Alumni appeal.

For the Campaign the Province has been divided into 42 geographical areas. At the major centre in each area the Branch Executive or a special committee will be responsible for local publicity, sponsorship of visiting speakers, and for the "follow-up" solicitation of Alumni, parents and friends.

The accompanying map of British Columbia gives a general picture of these 42 areas.

Elsewhere, in Canada, the United States and overseas, Alumni Branches have been asked to appoint Campaign Chairmen to organise Alumni support in their areas. **The Directory of Branches and Alumni representatives appears on page 38.)**

### VOLUNTEERS

Our confidence in the success of the Alumni Appeal this Fall is based upon the enthusiasm of Alumni as expressed by the Board and Executive, in letters from Branches, and in promises of help from individual Alumni all over the world.

From the recent Alumni Questionnaire alone, several hundred Graduates volunteered their services. Unsolicited offers of help are still coming in.

Here space permits only a partial listing — those who volunteered directly through the Questionnaire to August 15. The names of regional committee members and the Greater Vancouver teams will appear in a later issue.

Miss Marjorie Agnew, B.A.'22; Dr. Mercedes F. Altizer, B.A.'48; W. S. Amm, B.A.Sc.'50; Mr. and Mrs. A. Anderson, B.A.'50, B.A.Sc.'52, B.Ed.'53, B.H.E.'49; R. P. Ander-



son, LL.B.'49; F. A. Armstrong, B.S.A.'49; Roland G. Aubrey, B.Arch.'51.

L. Bairch, B.A.'55; Miss Marion Baldwin, B.A.'53; Mrs. Virginia Fox Bampton, B.A.'47; Harry Bapty, B.A.Sc.'47; Frank R. Barnsley, B.A.Sc.'27; Herbert A. Blakely, B.Com.'50; P. E. Bodman, B.S.F.'50; Mrs. J. D. Bodner, B.P.E.'56; Dr. John Boyd, B.A.'51; J. Braithwaite, M.S.W.'57; A. Gordon Brand, B.Com.'36; F. M. Braybrooks, B.A.Sc.'50; Miss Anle Brickman, B.A.'56; Dave Brock, B.A.'30; A. Sutherland Brown, B.A.Sc.'50; Norman Brown, B.A.'27; W. T. Brown, B.A.'32; S. Buckley, B.A.'49, B.A.Sc.'50; A. George Bulhak, B.S.A.'47; Brian E. Burke, B.Com.'45.

Mrs. E. N. Calder, B.H.E.'49; Wilfred M. Calnan, B.A.'39; J. M. Campbell, B.S.A.'42; Robert Campbell, B.A.'50; K. P. Caple, M.S.A.'27; Norman L. Carlson, B.A.Sc.'51; H. A. Carmichael, B.Com.'46; John J. Carson, B.A.'43; H. W. R. Chancey, B.S.A.'50; J. Charlton, B.Com.'38; Frank B. Clark, B.A.'40, LL.B.'48; James M. Clavel, B.A.'54; Dr. Wells Coates, B.A.'20; Mrs. Sheila Coleman, B.A.Sc.'22; George Cook, B.A.'54; Miss E. Patricia Crehan, B.P.E.'54; R.G.S. Currie, B.A.'49.

Ronald Dakers, M.Sc.'53; L. B. Daniels, B.A.'54; H. S. Davie, B.A.Sc.'42; John Davis, B.A.Sc.'39; Howard William Day, B.A.'50, M.A.'51; James L. Denholme, B.A.Sc.'56; V. N. Desaulniers, B.S.A.'54; R. P. Dewar, B.Com.'49; Miss Norma Dick, B.A.'51, B.S.N.'53; Rev. P. J. Disney, B.A.'36; John Wright Dobbie, B.A.Sc.'51; W. I. Donald, LL.B.'56; Donald J. Doyle, B.A.'52; Graham Drew, B.S.A.'55; P. J. B. Duffy, B.S.F.'55; D. R. Dunfee, LL.B.'49.

R. W. Eddy, B.A.Sc.'52; Dr. T. Bentley Edwards, B.A.'30; E. N. R. Elliott, B.A.'30; Dr. W. F. Emmons, B.A.'18; Miss Pat Erskine, B.A.'55; Mrs. Elaine Evans, LL.B.'56; Charlotte Eyres, B.P.E.'56.

Wm. Farenholtz, B.A.'34; Geoffrey H. Farmer, B.A.'53; Ivan R. Feltham, B.A.'53, LL.B.'54; Dr. B. I. Finemore, B.A.'53, M.D.'57; D. V. Fisher, B.S.A.'33, M.S.A.'36; Bryce H. Fleming, B.A.Sc.'50; Frank L. Fournier, B.A.'28; Arthur Fouks, B.A.'41, LL.B.'51; M. Fraresso, B.A.Sc.'40; H. W. Fullerton, B.A.'29, B.Ed.'50.

Leo S. Gansner, B.A.'35, B.Com.'35; D. A. Gardner, B.A.Sc.'54; Frank J. Garnett, B.Com.'49; G. M. Gerrie, B.Arch.'55; Miss Janet K. Gilley, B.A.'20; G. G. C. Greenwood, B.Ed.'44; Miss Myfanwy Griffiths, B.A.'49; J. W. Grieg, B.Com.'48; R. A. Gunn, B.A.'50.

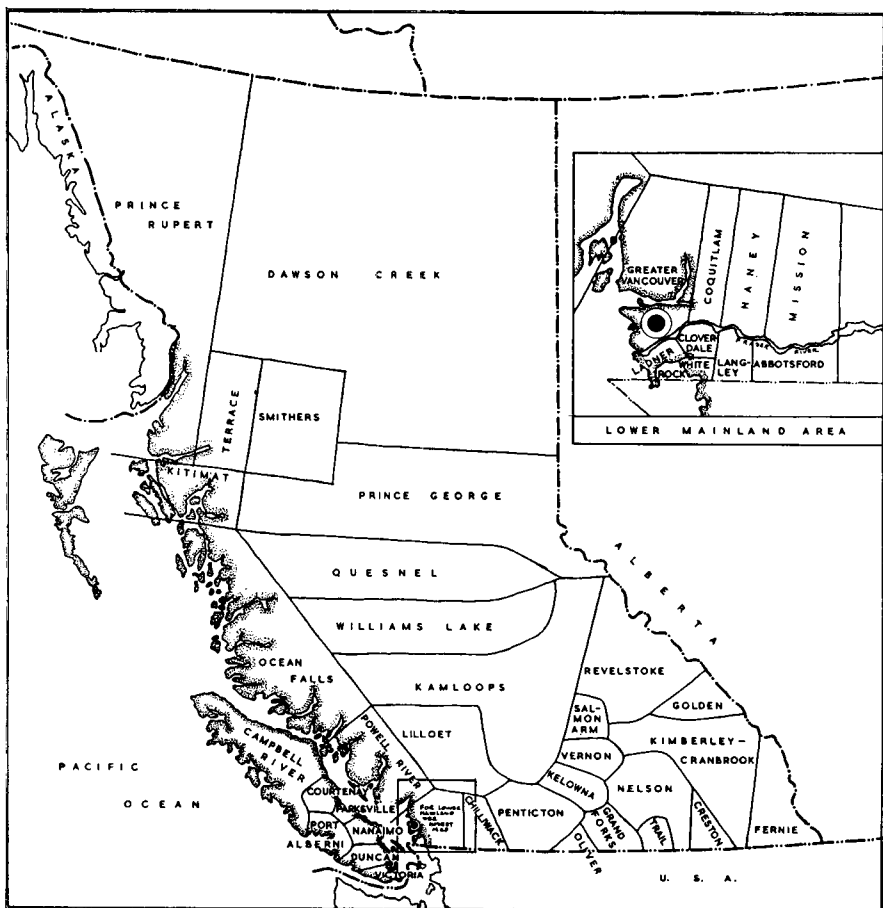
R. M. Hayman, B.A.'39; H. B. Heath, B.A.'49, LL.B.'50; Keith Hillman, B.A.'53; Mrs. Frank Hinton, B.A.Sc.'49; T. H. Hollick-Kenyon, B.A.'51; S. B. Howlett, B.A.Sc.'46; Capt. R. B. Huene, B.A.'49; Mrs. W. E. Hutchings, B.A.Sc.'47 (Nurs).

Paul S. Jagger, B.A.Sc.'44; Dr. Roy Jeffries, B.A.'50, M.D.'54; E. W. Johnson, B.A.Sc.'34; R. Johnstone, B.Com.'48.

Peter M. Ketchen, B.S.A.'52; E. T. Kirkpatrick, B.A.Sc.'47; Guy G. Kirkpatrick, B.A.Sc.'41; Mrs. Iola M. Knight, B.A.'45, M.A.'47.

W. H. D. Ladner, B.S.A.'48; Dr. Lionel H. Laing, B.A.'29; W. Laudrum, B.Com.'48; W. J. Lawrence, B.A.'53; Dr. Robert M. Laze, M.A.'50; C. P. Leckie, B.S.A.'21, M.S.A.'24; C. Arthur Lind, B.A.Sc.'36; H. R. Lindholm, B.Com.'49, B.A.'50; J. F. Lintott, B.A.Sc.'53; Miss Joan List, B.A.'48; A. J. Longmore, B.A.'54, B.Ed.'56; Miss Margaret Lowe, B.A.'41.

B. C. Macdonald, M.A.'52; D. Macdonald, B.A.'30; Miss Nancy Macdonald, B.A.'47; R. Macdonald, LL.B.'50; Roderick Macrae, B.A.Sc.'41; Wm. H. Magee, B.A.'45, M.A.'46; W. Winston Mair, B.A.'49; K. K. Maltman, B.P.E.'50; T. C. Marshall, B.A.'47, LL.B.'48; Patrick W. Martin, B.A.'50; R. C. Martin, LL.B.'50; Brian E. Maxwell, M.A.'51; Graham E. McCall, B.Com.'42; Glen McDonald, LL.B.'49; P. McDonald, B.A.'56; L. M. McLennan, B.A.'22; Dr. Ian McTaggart-Cowan, B.A.'32; D. A. McWilliams, LL.B.'56; C. N. Minty, B.Com.'50; David Moilliet, B.A.'52; Richard H. J. Monk, B.A.'56; Miss Doris Montalbetti, B.H.E.'53; Mrs. J. H. Moore, B.A.'27; F. I. Morris, B.A.Sc.'52; R. A. Morris, B.Com.'46; Mrs. J. E. Morrison, B.A.'42; William F. Murison, B.S.F.'51; W. S. Murray, B.A.'50.



British Columbia will be divided into 42 geographic areas as indicated above for the Capital Gifts campaign. Alumni will be asked to contribute generously during the Advance Gifts campaign in October, November and December.

Miss Barbara Nelson, B.A.'54; Richard I. Nelson, B.A.Sc.'53; Mrs. M. A. Nicholson, B.Sc.'44; Lt. P. F. Nixon, B.A.'51.

Mrs. D. A. O'Kiely, B.A.'46, B.S.W.'47; David S. Owen, B.A.'50.

F. D. Paquette, B.A.'48; Mrs. Ruth Park, B.A.'34; S. B. Peach, B.Com.'47; F. Ronald Pearson, B.Com.'56; E. Peck, B.Com.'49; Mrs. Marion C. Pennington, B.A.Sc.'32 (Nurs.); Harold J. Perkins, B.A.'51, M.Sc.'53; Ernie Perrault, B.A.'48; J. Peterson, B.S.W.'55; F. H. Phippen, LL.B.'49; Vincent G. Penhorn, B.A.'36; G. E. Plant, B.A.Sc.'50; Gerald H. Pugh, B.A.'50.

Edward J. Rankin, B.A.'52; W. D. Reid, B.A.'46; J. D. Rogers, B.Com.'51; B. J. L. Rolfe, B.Com.'52; Frederick N. A. Rowell, LL.B.'49.

Don Schon, B.S.F.'55; T. F. Scoll, B.A.Sc.'46; W. G. Scott, B.A.'47; Vein H. K. Scott, B.Com.'54; Miss Mary Seely, B.A.'55; Milton C. Sheppard, B.A.'53, B.Ed.'54; Kenneth H. Sherbin, B.A.'52; George Igor Shillik, M.A.'56; Ray C. Shilling, B.A.'53, B.Ed.'56; H. Colin Slim, B.A.'51; Andrew Smail, B.A.Sc.'52; R. Hamilton Smith, B.A.'32, B.A.Sc.'32; Miss Shirley Smith, B.A.'54; Mrs. Don South, B.A.'48; D. L. Sprung, B.A.Sc.'49; C. E. Starling, B.A.'55; Newton C. Steacy, B.A.'52; Earl W. Stewart, B.S.A.'56; K. N. Stewart, B.A.'32; Mr. and Mrs. C. D. Stevenson, B.A.Sc.'27, B.A.'27; George E. Stoodley, B.A.Sc.'25; Max Swanson, M.Sc.'54.

R. Tait, B.A.'51; Chester C. Taylor, B.A.Sc.'48; G. Taylor, B.A.'54, LL.B.'55; Miss Patricia Taylor, B.Com.'53; Kenneth M. Telford, B.A.'34; E. Pamela Temple, B.A.'55; Miss Kathleen M. Thompson, B.A.'55; Emil Thorson, B.A.Sc.'48; Miss June Tidball, B.A.'52; C. M. Trigg, B.A.Sc.'54; M. D. Tuck, B.Com.'42; B. R. Tupper, B.Sc.'28; John D. Turnbull, B.A.Sc.'55.

J. E. Underhill, B.A.Sc.'24.

Mrs. J. R. Warila, B.A.Sc.'49 (Nurs.); Dr. Harry V. Warren, B.A.'26, B.A.Sc.'27; Mrs. Elva M. Watson, B.A.'28; K. H. Watts, B.Com.'49; C. A. Westcott, B.A.'50, B.S.W.'51; Mrs. Dorothy White, B.S.W.'54; H. J. Wiebe, B.A.'51, B.Ed.'56; S. O. Wigen, B.A.Sc.'45; W. H. Wilde, B.A.'50; E. C. Wilkinson, B.A.Sc.'23; Bruce M. Williams, B.Com.'56; Miss Maud A. Williams, B.A.'40; Mr. Connia Wood, B.A.'54; Mrs. G. R. Wood, B.A.'42.

Dr. Joseph F. Zokol, B.A.'51.

**Victoria Branch**  
Alumni Association of the  
University of British Columbia

**ANNUAL DANCE**

DATE: November 1, 1957  
PLACE: Club Sirocco,  
1037 View Street,  
Victoria, B.C.  
TIME: 9:00 p.m. to 1:00 a.m.  
PRICE: \$4.00 per couple  
ORCHESTRA: Reg Wood

It is not proposed to serve supper, but sandwiches, etc. will be available for sale.  
The bar will be open.  
Tickets will be available from the middle of September and should be bought (or ordered) from:  
Mr. R. W. Riddle,  
c/o Thomas Plimley Ltd.,  
1010 Yates Street,  
Victoria, B.C.

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# The President Reports —

## Our Common American Heritage

Dear Alumni:

On May 13 last, your University was honored by our North Western neighbour, the University of Alaska, when your President was given an honorary Degree and was invited to deliver the Commencement address. I was happy to have this opportunity of saying some of the things which have been in the minds of many of us for a considerable time. I have thought you might be interested to read a few excerpts from what I said on that occasion.

"Here, I am concerned primarily with Alaska and British Columbia, as well as those other Canadian and United States areas, the Yukon and the North West Territories, Alberta and the State of Washington, our boundaries to the East and South which are of special interest to us and likely to affect in direct ways our progress and our development. We are, it is true, parts of two great continental nations, and much of what I have to say will be true of both of these nations, but I felt it would be interesting to limit my remarks and my comparisons to a somewhat more comparable and manageable part of these nations, particularly as they are in some respects rather peculiar and unique in respect of their circumstances and their problems. . . ."

### BOUNDARY SETTLEMENT

"As a student of International and Constitutional Law I have read with a great deal of interest the proceedings in the Alaska Boundary Settlement and a good many of the articles written about this. Quite frankly, as a Canadian, I regret the existence of the Panhandle. Its existence in the present circumstances, is a serious obstacle to the efficient development of Northern British Columbia and the Yukon, and I don't believe there is any doubt that in this controversy, for reasons that I need not state here, the United States had the best of the settlement. In saying this I do not mean that the United States was not entitled to the greater part of the Panhandle through its purchase of the Russian interests in Alaska. I would hope too that in the years ahead the efforts of intelligent men and women in both our countries and both of the areas of special interest to us, Alaska and British Columbia, will be able to work out arrangements making possible the sensible and profitable use of all of the resources available to us, and particularly those resources which can only be developed intelligently and efficiently through co-operation, agreement, and united effort. . . ."

### OUR COMMON TRADITIONS

"There are many things we hold in common with the rest of the Continent, however, among them the history of the peoples of Canada and the United States; representative and responsible government, which we have taken in the main from Britain, and to a lesser extent from France; language; law and order, and a respect for these; freedom and a concern for the rights and the place of the Individual in his relations with other individuals, and more particularly and more important, in his relations with the State. All of this is part of the tradition and the heritage that has come to us from Western Europe and most of it more directly from Britain and the British peoples that I mentioned. Though Canada is, I think, the only American country, North or South, which positively rejoices in and seeks to maintain this close link and political association with a European country. . . ."

### CONCERN FOR THE FUTURE

"I believe that it is good, desirable, essential and important, not only to the happiness and the welfare of Canadians, but to the United States and to other nations of the world as well, that Canada should remain a separate and completely independent nation and people in her own right, and in every sense of those various words and phrases, — political, economic, financial, industrial and social. In saying this, may I go on and say what I have frequently said, that I have a great deal of admiration and respect for the United States and the American people, and I know them to be generous and dynamic and warm hearted. I have many friends among them and many of my kith and kin have settled within its borders and become citizens. In brief, I feel it most fortunate that we have the United States as our neighbour.

"But as a Canadian, because of the bigness, the wealth and the power of the United States, I do have some concern for our future. Not through any explicit policy directed at taking us over, but because of the very intimacy of our relations and the rather casual acceptance of us and of our feelings and desires. I have in mind that we don't like the recent policy of the United States in respect of the disposal of its wheat surplus. We know only too well your problems, for we have them in an even more acute form, but the actions of your government have made our problems even more acute and we don't like them. . . ."



President N. A. M. MacKenzie's Honorary Degree Citation from University of Alaska.

"We don't like Congressional Committees, though we realise these may be better suited to your forms and practices of government than to ours, particularly when these Committees exceed what we believe to be their legitimate areas of jurisdiction and attempt to sit in judgement upon the character and behaviour of Canadians, and more particularly of Canadians in official positions. We have the feeling that enquiries of this kind are better handled by courts than by politicians, particularly when the good name and reputation of innocent men and women are involved in the discussions that take place. . . ."

### GOOD NEIGHBOURS

"But, having stated these facts and opinions, and having indicated some concern for and about them, I would like, in conclusion, to say that, given a world that does not destroy itself with atom bombs, the future of our countries and more particularly of the areas to which we belong, holds untold promise, and in my opinion, no other areas have the variety of resources still to be developed, with very great potential returns, by people of imagination, of initiative and of energy, who are willing to work hard and intelligently for their development. There is no part of the world that is basically more attractive to those who are young and vigorous and venturesome, and we are fortunate to live in such times and in such countries. Moreover, atom bombs and the nuclear age have only served to show us what should already have been apparent, and that is how closely the future as well as the defence of our two countries and areas are bound together."

Yours sincerely,

*Norman MacKenzie*

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# NO NEWS IS GOOD NEWS

By David Brock

## THE WELL-ROUNDED BACHELOR



David Brock  
Finds the World  
Mildly Amusing

The degree of I.R.B., which means Bachelor of Intellectual Rotundity, is now being granted by the University of Hulagu, in Iowa. It is very similar to the degree of B.S.T. (Bachelor of Spherical Thoughts) which

has lately been invented by Gonigal College, Torontreal. A thick layer of such things is expected to pile up in the next generation, in glad response to the demand of business leaders for well-rounded recruits.

Generally speaking, the globular mind is expected to be affable, bland, homogenized, and fond of committee-work. Its proprietor has several impeccable hobbies, can hold his culture like a gentleman, regards controversy as being in bad taste, and is fond of such words and phrases as Communication, Human Relations, Participative Consultation, and the Group as a Vehicle of Applied Creativity.

Money, as such, is a vulgar topic to him. He prefers to discuss the finer purchases of life, and he lets his motor car's tail-light so shine before men that they may see his good works and

glorify the board of directors which is in heaven. (Yes, and not only is the board in heaven, but when it gets out of the elevator it is faced by a beautiful damsel who sits at a costly Baltic desk on which there is naught save one huge bowl of top-echelon flowers, renewed daily on behalf of the shareholders. She toils not, neither does she spin, but Solomon in all his glory did not have behind him, as she does, a commissionaire with a very good D.S.O., whose services were most fortunately secured by the well-rounded vice-president in charge of those little amenities which really do make such a difference. Selah.)

The graduate in well-roundedness has been harmoniously ironed out by men who are themselves beautifully ironed out, and he in turn will iron out others. No longer will recruiters from the corporations have to apply private and even furtive well-roundedness tests to candidates with the old misleading degrees. The B.S.T. or I.R.B. is pre-tested, and fully Sanforized. And what is called his thinking is what is called pre-planned. In many a great motherly corporation the following dialogue can now take place:

President: Oh, Mr. Trankwell?

Rising Young Executive: Yes, sir?

President: Don't call me "sir", Rodney. I am not your boss, I am just your leader, I mean our leader. We are a team.

R.Y.E.: Yes, leader.

President: And you are not an em-

ployee, you are a helper. Rodney, you are a very carefully selected Average Guy. I want you to help spear-head a long-haul project.

R.Y.E.: Thanks, captain.

President: Now, I want you to take this thing home and live with it for a while, Rodney, and then I will get your thinking on it.

R.Y.E.: I don't know what the project is, Cap, but getting my rock-bottom slants on it will be a mere formality. You know my thinking already. About everything.

President: Oh, but of course. How stupid of me. You are an I.R.B. (Half-time is declared and the team sucks a few lemons.)

## DO IT YOURSELF

The Summer School of Home Psychiatry at the University of Boulder-dam has established a new trend. When each student goes home with his diploma, he establishes a Mental Health Cell in his community. These cells, known as Grey Cells, in turn establish other cells. Each member is taught how to make a little Mental Health Kit, and he forms a new cell and teaches others. The Mental Health Kit is a little suitcase, painted some optimistic color and bearing the slogan "Don't lose your grip!" Its owner carries it round in order to practise relaxing without letting go. This training for his physical fingers (it is felt) may help his mental fingers also. In the next issue we will describe the contents of the bag. Until then, don't get frantic.

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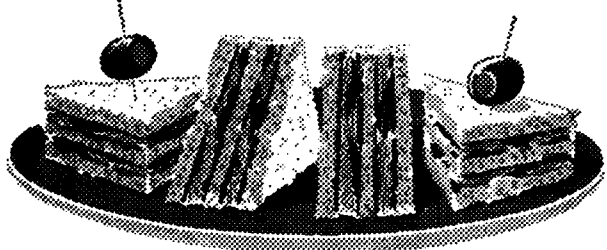
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# Canada in the Atomic Age

## Her Key Rôle

By Frank R. Joubin, B.A.'36, M.A.'43

Throughout history metals have played an important rôle in the development of society. Nations have been built on the strength of trade made possible by the fortuitous possession and exploitation of metal ores. But of all metals, none has ever stirred the imagination of man like Uranium, and for many reasons. So important does this metal promise to become that it was recently described as being as important to our future as was Man's discovery of fire. A now commonplace phrase in describing the potentialities of Uranium is "that it marks the threshold of a new industrial and social revolution."

Uranium was known to be unique as a metal from the time of Becquerel and the Curies. Einstein early recognised in it support for his mass-energy theory. The theories of Chemists, Mathematicians and Physicists have now been applied by scientific technicians, first to the uncontrolled release of tremendous power and, finally, to the controlled release of the same power. This tremendous scientific achievement, spanning a period of 40 years, was the work of at least twenty brilliant metal giants who, each in turn, laboriously would add another link to the chain of reason. The leadership in this scientific field shifted from country to country, continent to

continent, from individuals of one race to another, from man to woman, from Gentile to Jew, and demonstrated once more that no one nation, color, creed or sex holds a monopoly on mental ability.

From the work of these many brilliant minds emerged the fact that an atomic chain reaction could be controlled and Man was able to tap a vast new reservoir of power, the life-blood of industry and the keystone of civilisation.

Man's civilised progress has been completely geared to power—the use of fire—the water wheel—the steam engine—the internal combustion engine—and now the vastly more important nuclear power. How much more important? We are told theoretically one pound of uranium should produce as much heat as 2,600,000 pounds of coal.

This vast new power source is a mixed blessing. It is a sad but nonetheless accurate comment that man usually employs any new power device first as a weapon and only afterward as a tool. Nuclear power is still undergoing this baptism of violence, even to the point where it has been morally repudiated by several of its developers.

The ultimate uses of uranium as a civilised tool are fantastic. It will produce vast quantities of power at the point where it is needed and from relatively negligible quantities of fuel. It will provide tremendously improved means of propulsion, on and under the sea, on and over the land and probably into terrestrial space.

It will provide vast quantities of heat that may well allow such new applications as polar sea navigation and the conversion of salt water into fresh for agricultural irrigation of now sterile deserts.

It may well revolutionise many of our industrial processes that call for heat and power, and consequently revise our geographic pattern of social development.

The by-products alone of the nuclear engine (reactor) will touch many points of our lives. Isotopes and radio-isotopes are making possible the amazing new technique of "cold sterilisation" whereby decay of drugs



Frank R. Joubin

and food stuffs is inhibited. They are serving as amazing catalysts in several major fields of organic and inorganic chemistry. They can be used as agents of mutation in affecting hereditary characteristics in the field of agriculture. They can be used in the magical technique of "radioactive tracer" by industry, by medicine and the research worker in almost any field.

In effect, every field of science is or almost certainly will be touched by nuclear developments and very soon. Not only are such developments far-reaching and profound, but they are being produced at a constantly accelerating pace that disturbs the thinker with a conscience, many of whom feel that some pauses would be desirable in order "to let the soul catch up."

Our country, Canada, has a very important rôle in the atomic or nuclear future of the world. It is because this country has been richly endowed with uranium. Indeed, by 1958 Canada will be the largest producer of uranium in the western world. Not only that, but its proven reserves ensure that it can maintain that position for many years.

Canada's historical rôle as regards uranium has been important and as romantic as fiction. The story covers almost 50 years, is replete with a parade of fascinating personalities, and sweeps across Canada from Great Bear Lake on the Arctic Circle to the doorstep of downtown Toronto. I feel privileged that I was chosen to be one of the cast in the drama.

Canada's rôle in the Atomic Age will bring it wealth, respect and envy, coupled with a tremendous moral responsibility. This nation, perhaps to a greater degree than any other on earth, controls the source of supply of what can become history's most vicious weapon or useful tool. We hold, literally, the future of the Atomic Age in our hands.

# The Faculty of Law —

## 1945 - 1957

By Dean G. F. Curtis, LL.B. (Sask.), B.A., B.C.L. (Oxon),  
LL.D. (Dalhousie, Saskatchewan), D.C.L. (New Brunswick)



Dean G. F. Curtis

With the co-operation and full support of the Bar, the Faculty of Law came into being in the late summer of 1945. The partnership between the University and the Bar was exceedingly fruitful, not only in avoiding the controversies about legal education which have been present (but this year happily ended) in some other parts of Canada, but also in assuring the University of the active help of members of the Bench and Bar in the teaching and other activities of the School. Every year, from ten to twelve members of the legal profession have given regular courses at the School. These services have been without remuneration. It would be impossible to measure the value of this assistance to the University, but it is true to say that the work of the Law School could not go on without it.

In its beginning, the Law School was fortunate in another important respect: the quality of the students who made up the first classes. These students were mainly veterans, keen about their work, mature in their attitudes, and asking nothing but the chance to equip themselves for their careers. At first there was little to offer them—two full-time Staff members only, a few peripheral text-books, and limited accommodation. As the War had been brought to a sudden end by the A-bomb, the year of preparation that had been expected in mid-summer turned out, in September, to be only three weeks. But the will of the students to get on with their studies made up for the lack of physical equipment, and the start was made. Truly, there can have been few men entitled to so much who asked for so little.

### BUNYONESQUE ENTERPRISES

The need for accommodation was met by a stream of Army Huts which began pouring out the Campus through the drive and organising efforts of Gordon Shrum and John Lee. Legends have a habit of accumulating around the Paul Bunyonesque enterprises of these two men in moving Army Camps, holus-bolus, to Point Grey—

in some instances, it has been rumoured, with the slimmest formal authority. But it is true that on a late October afternoon Dean Buchanan and I were sitting in his office working out some academic details, when the Dean, most beloved and helpful of men, let a smile flicker over his face and, pointing out of his window, said: "Forgive me for interrupting but you may be interested; there is the Law School going by, along the Mall." It was. Two Huts, being laboriously hauled along on tractor trailers, were to be the first home of the men of Law on the Campus.

### 60,000 VOLUMES

Gradually the empty shelves around the walls of the Huts filled with books. Many members of the Bench and Bar emptied their own shelves in order that the students might have the tools for their work. The law reports of England, the home of the Common Law, are basic to a law Library, and unfortunately many collections had been destroyed by enemy action. In one instance, a search for a critical series of reports ended in an attorney's office in Los Angeles and the joy was great when the set, in first-rate condition, turned out to be surplus to the attorney's needs. Over the interval, the library has grown to between fifty and sixty thousand volumes, and, in coverage, measures well against the holdings in University Law Libraries in Canada. There are still holes to be filled but the nucleus is there and constitutes an exceedingly valuable handmaiden to the development of legal learning in this most Westerly Law School in the Common-Law world.

The books are now safely housed in a building which, taking advantage of modern materials and principles of design, was erected for the low cost of 78 cents a cubic foot and yielded the maximum space for the limited funds available. The fire hazard, as the collection grew in size and value, was a constant and gnawing anxiety while the books remained in Huts. The formal opening of the building by Mr. St. Laurent on September 4, 1952, when the Canadian Bar Association held its annual meeting in Vancouver, was an occasion of much satisfaction to the Legal Profession across Canada. It was also the occasion for what must have been one of the most

colourful sights on the Campus in the history of the University—some fifteen hundred people having dinner on the lawn in front of the University Library. The Food Services of the University and the Vancouver weather can never have been challenged quite as severely as by this event; both responded in a way which made the dinner an occasion still talked about as a rare experience by those who were present and referred to with envy by those who were not.

The principal work of the Faculty has been the preparation for their careers of the students. While most of those taking the law course do so with practice in view, by no means all of them do; and some who do find opportunities later in a variety of fields, principally in business and government. In this respect, Law differs from some of the other professional disciplines and this circumstance is reflected in the Curriculum, which includes subjects for their broadening effect as against a more specifically vocational purpose. The combined effect of the war-created shortage of lawyers in the Province, and the buoyant economic growth of the last few years have meant that most of the seven-hundred-odd Graduates of the nine graduating classes have been attracted to practice; indeed, over sixty percent of the Bar of the Province now consists of Graduates of the School. But not a few of the Graduates have found places in business, notably the oil industry in Alberta, and a more limited number—more limited, in fact, than the demand—have entered the Public Service.

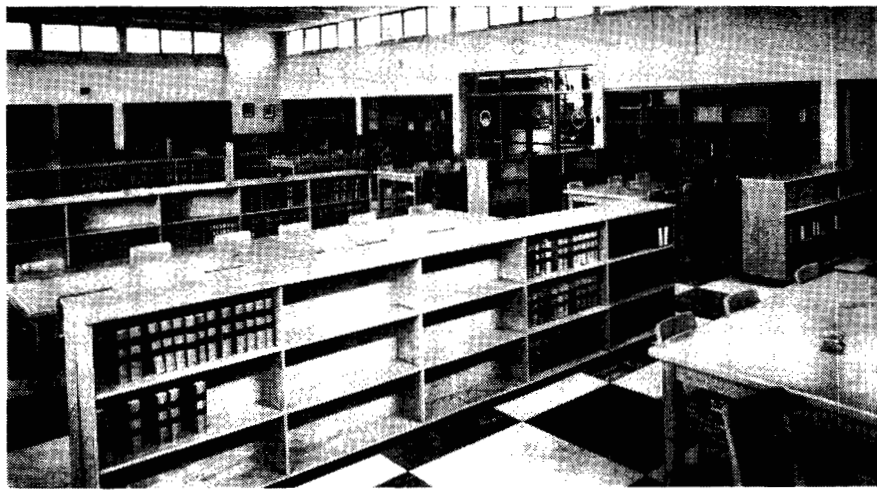
### CANADIAN CASE BOOKS

As the Case method of instruction depends on ready access to the law reports, both the growth of an adequate Law Library and the supplementing of the Library resources by Case books have been prime needs. At the end of the war there were very few Canadian Case books available. Beginning in 1949, an active programme of their production was entered upon. Though designed primarily for use at this School, they proved of value to Faculties of Law elsewhere, and were gladly made available to them. The books in all cases were published at bare cost and in mimeographed form. To date, over 12,000 copies have seen the light of day and, both here and at other Schools, have done invaluable service in providing the student with a portable Library (some of the bulkier



Entrance to the Law Building





Interior of Law Library.

ones scarcely qualify for the adjective), the instructor with a useful teaching aid, by making possible reference to the original source in Class, and the Law Library with protection against the wear and tear involved when a single report passes through hundreds of hands. The production of these case books has been a labour of love on the part of the members of the Faculty and has given them particular satisfaction for the service which has been rendered.

Moot courts are traditional adjuncts of formal instruction in Law Schools. The old prints show students so engaged in the Middle Ages. The moots are appellate arguments with the conditions of a court of appeal simulated and the parry and thrust of legal argument learned from the experience of actual participation. The willingness of the members of the Bar in the Vancouver area to come out in large numbers to the University to preside at the moots has enabled the School to provide an extensive programme of moot courts of a range not commonly found.

#### LAW IN ACTION

The search for means to enrich the formal classroom work of the course by supplementary activities goes on constantly. Advantage is taken of the annual visit of the President of the Canadian Bar Association to Vancouver to have him address the students, and periodically other prominent members of the Profession come to speak to the students or to give special lectures. One activity which is something of a departure in Law School methods, but which promises so well that it is likely to be a permanent feature of the course, is the holding of panel discussions on selected areas of legal matters. A set of three or four hypothetical cases is prepared and circulated, and four members of the Bar are invited, under the moderatorship of the Staff member principally concerned with the subject,

to talk over the problems as a panel at noon hour. Thus, something of the Law in action can be introduced into the classroom.

#### ACUTE NEEDS

The problem of numbers is now on the Faculty of Law as it is on the University generally. The swollen enrolment of the immediate post-war years was only a temporary situation; comparable enrolment as a permanent condition of life is plainly a different matter. Staff and space requirements now press with a new acuteness, but the support and interest of a committed Alumni, which in its student days took as its first principle the doing of things for itself, enables University folk to look on these needs not as problems but as challenges.

### Faculty Attend Learned Societies Meetings

The following members of Faculty attended the June meetings of the National Council of Canadian Universities and the Learned Societies, in Ottawa:

President N. A. M. MacKenzie, Dean Geoffrey C. Andrew, Dean S. N. F. Chant, Dean George Curtis, Dean Earle D. MacPhee, Dean Gordon M. Shrum, Dean Fred H. Soward, Professor John J. Deutsch, Dr. Henry Johnson, Professor G. O. B. Davies, Dr. W. C. Gibson, Col. John F. McLean, Dr. Harry Hickman, Dr. H. B. Hawthorn, Dr. G. B. Riddehough, Dr. S. Jamieson, Dr. A. D. Scott, Dr. J. Katz, Professor R. J. Baker, Dr. A. E. Birney, Dr. R. Daniels, Dr. W. Robbins, Dr. Marion B. Smith, Dr. M. W. Steinberg, Professor H. Blair Neathy, Professor R. J. Gregg, Dr. G. R. Tougas, J. A. McDonald, Dr. D. G. Brown, Professor W. Opechowski, Dr. J. O. St. Clair-Sobell, Dr. A. W. Wainman, Dr. McTaggart-Cowan.

### Alumni Scholarship Winners — 1957

The following are the winners of the twelve U.B.C. Alumni Association Regional Scholarships of \$250.00 each. They were selected by Local Committees and the University Scholarship Committee. Sharon Ann Marie O'Rourke, Revelstoke; Elsie Christine Anderson, Mount Sheer; Charles Arthur Boyd, Argenta; Anne Bertha Clemens, Osoyoos; Marie Elizabeth Goldack, Dawson Creek; Robert Leslie Hemmings, Sidney; John Thomas Moran, Fort St. John; Marcia Eileen Rowland, Penticton; Katherine Elsie Shpikula, Vernon; Hendrikus W. H. (Hank) Van Anel, New Westminster; Conrad Martin Vanderkamp, Burnaby; Colin A. G. Watson, Courtenay.

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

1. A. G. Stirling, Kimberley, Chairman; W. H. R. Gibney, Kimberley; K. G. Davies, Kimberley.
2. W. K. Gwyer, Trail, Chairman; Mrs. J. C. Roberts, 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; L. F. Swannell, Kamloops.
5. No Applications Received.
6. Frank S. Perry, Prince George, Chairman; T. Ray Cullinane, Prince George.
7. Dudley Darling, Vancouver, Chairman; Lex McKillop, Vancouver.
8. Dorothy G. Taylor, Haney, Chairman; Amy Hutcheson, New Westminster; Eric Hughes, New Westminster.
9. Dick Falconer, Victoria, Chairman; Mrs. Jean Bain, Royal Oak; Bob Riddle, Victoria.
10. Hugh B. Heath, Nanaimo, Chairman; R. E. Foerster, Nanaimo; Ferris Neave, Nanaimo.

### Evening Classes

The new programme of Non-Credit evening courses offered by the Department of University Extension in this coming fall and winter is available now.

Courses offered will range over a wide variety of subjects; Arts and Crafts, Music, Languages, Literature, Current Affairs, History, Philosophy, and others.

For detailed information and brochure please write or phone the Department of University Extension, ALma 1191.

#### INSTITUTE OF CHARTERED ACCOUNTANTS

U.B.C. Grads are well represented on the twelve-member Council of the Institute of Chartered Accountants of British Columbia. Grads elected to the 1957-58 Council at the Institute's Annual Meeting in June include: Audrey E. Jost, B.A.'38; Franklin E. Walden, B.Com.'38, and Donald B. Fields, B.Com.'43. Edward L. Affleck, B.A.'45, B.Ed.'48, has been appointed to the post of Secretary-Treasurer of the Institute.

# Medical Care in India

By John F. McCreary, M.D. (Toronto), Head, Department of Paediatrics, U.B.C.

To one who is interested in child care, India is one of the most inspiring parts of the world to-day. One can find in this active forward-looking country a condensation of the entire history of child care—from the abysmal ignorance of centuries ago to modern Paediatrics which would do credit to any western centre.

It was with pleasure therefore that the writer learned that President MacKenzie had agreed to his becoming part of a Canadian medical mission to India during the early months of this year. The mission was sponsored by the Colombo Plan and its primary purpose was to study and to give advice on medical education to the Indian Government. The group was intended to consist of three members—heads of departments of Therapeutics, Gynecology and Paediatrics in Canadian Medical Schools. Unfortunately Professor K. J. R. Wightman of Toronto became ill shortly before the team's departure and was unable to make the trip. The team was therefore reduced to two—Dr. Arthur Richard, Dean and Professor of Gynecology of the Medical School at the University of Ottawa, and myself.

On arrival in Delhi on January 9th, we were pleased to find that the Indian health officials had arranged that we spend approximately one month in each of three representative Medical Schools, giving us an opportunity to know them reasonably well rather than attempting to visit a large number of institutions and obtaining only a superficial evaluation.

Our first visit was of three weeks' duration at Lady Hardinge Medical College in Delhi. We then proceeded to the Northern Punjab for a four-week stay at Amritsar Medical School and this was followed by a similar time at a new Medical School at Vizagapatam in Southern India near Madras. We also had brief opportunities to review medical facilities in Calcutta, Madras and Hyderabad. Our final week was spent in consultation with the health officials in Delhi.

The medical situation in India is extremely complex and, despite the active and intelligent attempts to meet their problems, the Federal Health authorities face the fact that they have a formidable task ahead before medical care reaches the standards which prevail in Western countries.

Of India's 370 million people, only about 15 per cent live in cities. The remainder occupy the nearly half-million tiny villages which dot the land. The number of physicians is far too small.

Since the standard of living in the villages is much below that of the cities, the medical graduates tend to remain in cities and are not as yet permeating to the village level.

In an attempt to meet this problem the number of Medical Schools in India has been increased from 16 to 43 in a ten-year period and many more physicians are graduating than ever before. However, even when the cities are saturated and the young doctors begin to attend village patients, their acceptance will not be easy. Almost 50 per cent of a group surveyed in North India believed that the cause of illness was a visitation of evil spirits and inevitably their first call for assistance goes to the "holy men." Many of these, although devoid of medical education, are true scholars and undoubtedly do a great deal of good. More of them, however, are almost certainly charlatans, producing their meaningless incantations for what they will receive in payment. When the medical man reaches the village level, he will be required to prove himself against these traditional healers.

Still another group have grown up to provide care of a sort for villagers. A system of Ayurvedic medicine has been in operation in India for generations. It is a form of herbalism and, until recently, there were many more practitioners of this type than of "modern" or "Western" medicine. The truth of their beliefs and the effectiveness of their herbalistic therapy is not being denied by the health authorities. Instead they are instituting a careful study of Ayurvedism to ascertain which of its concepts should be adopted into their newly formed Schools.

With these problems of medical care, it is not surprising that mortality rates are high. The life expectancy in India is 32 years as compared with 70 years in British Columbia. There are approximately 250 infants of every 1000 born alive who die in the first year of life as compared with 22 in this province. Malnutrition is common among the children, particularly in the age group from 2 to 5 years. During the first year of life virtually all infants are breast fed. It is after they are removed from the breast—usually at about 18 months—that malnutrition becomes most common. Lack of foods with high protein content is the great deficiency and evidences of severe protein deficiency with a true "famine oedema" picture are found in every children's ward. Far more important, however, is the fact that most children, although not



Dr. John F. McCreary

showing such a severe clinical picture, are moderately deficient in protein with reduction in their powers of combatting infection and withstanding disease.

A terrible toll is taken also by the infectious diseases, particularly typhoid fever and other water-borne infections, but also diphtheria, small pox and others which are almost unknown now in the Western world. An adequate immunisation programme has not as yet been developed in India to protect the children and no active measures have been taken to improve sanitation and hygiene to the point where diseases like typhoid fever will disappear.

Despite this seeming black picture of health in India, one cannot help but be impressed by the tremendous efforts that are being made to improve it. Realistically the government has devoted their major efforts since independence towards agriculture to produce more food and towards industry to produce more buying power. Their third five-year plan which will begin in 1961 will be devoted to health and social progress. Then, with food supplies increased, with funds to provide a programme of immunisation and sanitation, with more physicians to reach into the villages, India will make a country-wide effort to put her health plans into operation. That they will improve the situation is unquestionable; that the raising of health standards to those of the Western world will take many years is, however, equally true.

In the meantime India needs all the help that Western countries can give. She needs funds for many aspects of her medical education programme, but most of all she needs trained personnel. She badly needs medical educators to assist in the expanded programme of medical education, public health workers to assist in the tre-



Scene at Fishing Village Near Vizagapatam, India.

mendous task of making a huge nation sanitation conscious, laboratory technicians to make medicine more of an exact science than it now is and nurses to bring to the patient more comprehensive care. There could be few more satisfying tasks in the world to-day than assisting this country which is so anxious to help itself.

### Phys. Ed. Classes Larger

Summer Session this year had a larger registration than usual for Physical Education classes. This was due to the number of teachers who are majoring in Physical Education, proceeding either towards the Bachelor of Education Degree or towards the Bachelor of Physical Education Degree. It would appear that the School will be able to increase their offering of courses next year, and to give some work towards a Master's Degree.

—R.F.O.

### New Architecture Scholarship

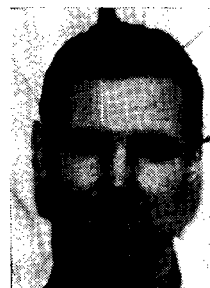
The School of Architecture obtained a new biennial Travelling Scholarship being offered by the B.C. Electric Company to commemorate the completion of its new building. Under the conditions of this Scholarship the student must have been in the first quarter of his class during the Fourth and Fifth Year. Seven students were eligible this year and five applied. (The Scholarship calls for travel outside of North America and all the applicants proposed to travel in Europe).

### Conference on Mental Illness

On June 19, 20 and 21 the University was visited by leading Scientists in the fields of Biochemistry, Psychiatry and Neurology who attended

the Conference on Biochemistry and Mental Illness, held under the direction of Dr. William C. Gibson, of the Department of Neurological Research. Specialists came from medical centres in Canada, the United States, Great Britain and Japan to present papers and participate in group discussions on the topics of Endocrine Studies, Phenylketonuria, Enzymatic and Blood Studies, and Aromatic Metabolism,—subjects which are of the greatest interest to those investigating the possibilities for treatment of mental illness through a study of its biochemical aspects, and on which intensive research is being carried on in the Department of Neurological Research.

### Treatment of Heart Defects



Dr. Peter Allen

Dr. Peter Allen, M.D. (Tor.), F.R.C.S.(C), Clinical Instructor, Department of Surgery, member of a team of Surgeons and Medical Scientists which for some years has been working in the B.C. Medical Research Institute on the development of a heart-lung pump to permit Surgeons to perform operations which have heretofore been impossible, has recently returned from a year's study in Minneapolis with Dr. C. Walton Lillehei. Experimental work continues, using the pump developed by Dr. Lillehei. The closely-knit team of leading medical men from several Departments of the Faculty of Medicine, including Medicine and Paediatrics as

well as Surgery, has devoted a tremendous amount of time to experimental work, to preparation and study, and to visits to leading medical centres in the United States and Great Britain. The Lillehei Heart-Pump has been set up here through the generous efforts of the Mount Pleasant Branch No. 177 of the Canadian Legion. It will soon be put to use by highly-skilled Surgeons in correcting heart defects whose treatment had formerly necessitated costly trips to specialised medical centres in the Eastern United States.

### Graduate Programmes at the College of Education

Two Master's Degrees are now offered at the College of Education. The Master of Arts Degree in Education will continue to be available to those students who are interested primarily in research. A thesis, awarded three units of the total eighteen necessary for the Degree, is required. Three units must also be, of course, in an academic field outside the Faculty of Education. This may be regarded as a programme fitted to the needs of a student wishing to specialise in one particular field of Education.

The new Degree, the Master of Education, is designed to provide breadth, or a more general knowledge of the broad field of Education. This is a twenty-one unit course in each of four separate professional areas. A candidate must have three units and may have up to nine units in an academic field outside the Faculty of Education. On the other hand, a candidate may elect to take all but three of these nine units of work in one of the professional educational fields referred to above. In addition to the regular essay assignments of each course, a candidate for this Degree will be required to write term papers demonstrating that he has devoted additional time, effort and thought to the areas dealt with in the courses taken and that he has undertaken a considerable amount of reading.

The aim of the new Programme is the ultimate improvement of the skill and understanding of teachers in the classroom. A successful candidate for either Degree should, at the conclusion of the Programme, be a more effective and efficient teacher in the classroom.

—N. V. S.

### FOUR GRADS RECEIVE FIRST POSTINGS AS ASSISTANT TRADE COMMISSIONERS

Robert M. Dawson, B.Com.'56, of Vancouver, to Guatemala.

Lorne D. R. Dyke, B.Com.'56, of Nelson, to Athens.

Bernard Horth, B.A.'56, of Victoria, to The Hague.

John M. T. Thomas, B.Com.'56, of Gibson's Landing, to Hamburg.

# The Contribution of Soil Science

By C. A. Rowles, M.Sc. (Sask.), Ph.D. (Minnesota), Head, Department of Soil Science



C. A. Rowles

Soil, an important natural resource, has many uses and functions; but above all else the whole business of agriculture is based upon it and the farmer's skill in making use of its inherent capacities to produce crops. Dur-

ing thousands of years mankind has looked upon soil mainly from this utilitarian point of view. Today, however, it is being realised more and more that the soil itself is also worthy of scientific study, and this no doubt accounts for the very important contributions, opportunities and challenges that today characterise Soil Science in Canada and other countries of the world.

## THE NATURE OF SOIL SCIENCE

If plant growth or yield is taken as a rough measure of the soil's capacity to produce, it is clear that enormous differences exist in the nature of soil. In some cases the difference between soils is seen in the quality of the crop produced rather than in total yield. Differences between soils are also evident in the way they react to tillage, compaction, irrigation, fertilisation and other treatments. The scientific study of soils, or Soil Science, is concerned with these differences and endeavours to obtain such a knowledge of the constitution of the soil as will make clear their causes.

It also attempts to determine the reason for the inferiority of a soil and ultimately suggests how it may be corrected.

The nature and problems of Soil Science are far more complex than they may appear at first sight. Study of soil material reveals it to be extremely complex and dynamic with involved physical and chemical properties. By utilising the modern techniques of physics, chemistry, biology and related sciences, a great many things of theoretical and practical importance have been discovered about the soil. But the story of soil as a material is still not complete and, even if it were, we would be far from understanding soil as it occurs and behaves in the field. To do this, we are led to study individual soils and to distinguish "soil," the material, and "a soil," the individual.

The fact that each individual soil is the result of the combined influence of the factors of soil formation, i.e., climate and living matter acting upon the parent rock material as conditioned by relief over periods of time, was first recognised about 80 years ago. This is often cited as the true beginning of Soil Science and justified its separation as an individual branch of scientific learning.

Though a very young branch of scientific learning, Soil Science is recognised and respected around the world for its high standards and valuable contributions. Societies of Soil Science are active in many countries including Canada, where the Canadian Society of Soil Science was

officially organised in 1954. The International Society of Soil Science, with headquarters in Amsterdam, brings soil scientists together regularly on a world basis. To facilitate meetings, discussions and the publication of scientific papers, it is organised in six commissions as follows:

1. Soil Physics;
2. Soil Chemistry;
3. Soil Biology;
4. Soil Fertility, Fertilisers and Plant Nutrition;
5. Soil Genesis, Classification and Cartography;
6. Soil Technology.

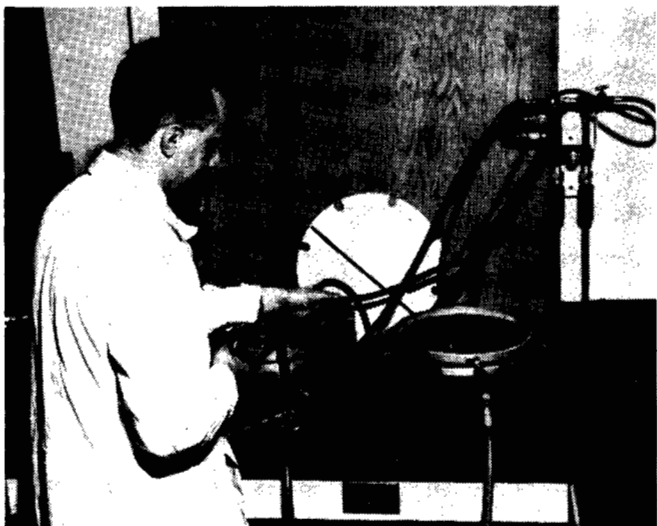
In most countries Soil Science teaching, research and administration are organised more or less following this general plan and important contributions have been made by all six fields.

## SOME CONTRIBUTIONS OF SOIL SCIENCE TO CANADIAN AGRICULTURE

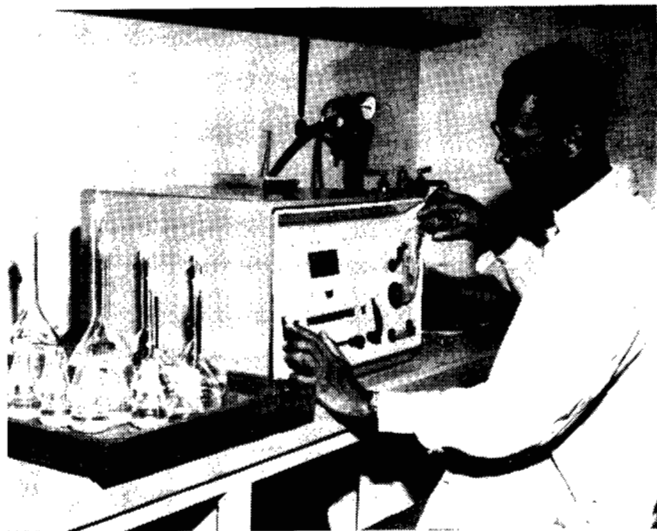
Because the contributions of Soil Science have been so many and varied and have benefited agriculture and other industries in so many ways, it would be quite impractical to attempt to summarise them here. All that may be done is to cite a few examples indicating the general nature of its contribution to Canadian agriculture.

Soil Science has been of singular benefit to Canada and Canadians and has been particularly useful to Canadian farmers in helping to answer a question farmers have been asking in one form or another for centuries: "What are the most suitable crops for my land, and how should I grow these crops?"

Perhaps the best known and most widely acclaimed contribution of Soil Science to Canadian agriculture has been made through soil surveys and the publication of soil reports and maps. Soil surveys were begun in Canada about 1920 by soil scientists at universities using the facilities of the colleges of agriculture and financial assistance from Provincial Departments of Agriculture. In a few years' time, assistance was offered by the Canada Department of Agricul-



Storage, movement and availability of soil moisture are important topics of Soil Physics; here a student prepares to estimate the permanent wilting percentage of soil using a pressure membrane.



A modern tool of Chemistry, the Flame Photometer is used by Soil Science student in studying a soil's ability to supply elements essential to plants, animals and man.

ture, through the Experimental Farms Service, and these organisations along with others, such as the Alberta Research Council, united to hasten soil surveying in Canada on a highly satisfactory co-operative basis. As a result, an immense acreage of settled and unsettled land, totalling almost 250 million acres, has been mapped in the short period since the work began.

The information collected by soil specialists or pedologists and published in soil reports and maps has already greatly benefited Canada and Canadian agriculture in many ways. But, in particular, it has provided an inventory describing the nature, characteristics, location and extent of well over 1000 individual Canadian soils. This, in itself, is a great contribution, but actually it is in the many ways this information has been used that its real contribution appears. It has been useful in planning the future use of land ravaged by drought, torn apart by wind and eroded by water; in reducing the hazards of settlement in northern areas; in helping to plan irrigation and reclamation projects, and in planning farm lay-outs and cropping systems.

Other examples of the contributions made by Soil Science to Canadian agriculture are found in the application of what some might consider highly theoretical soil physics to the improvement of farm practice. Some of the most important of these have resulted from studies of soil moisture movement, conservation and utilisation by crops. Soil physics has also contributed greatly to understanding the nature and problems of soil erosion by wind and water and has suggested improvements to help in its control. Theory is often ahead of practice but already these improvements have contributed to the prosperity and security of thousands of Canadians who otherwise might have been reduced to poverty and suffering.

Another area in which Soil Science has contributed greatly to Canadian agriculture is in suggesting ways to maintain and improve soil fertility. The contributions here have been many and varied and have included such things as creating soil tests to guide farmers in the use of lime and in the selection of fertilisers, developing improved methods for applying fertilisers, and finding better ways to utilise manures, crop residues and to stimulate biological life in the soil. Such improvements have already been of great value to Canadian agriculture and will be of even more value in the future. Thus a reliable conservative estimate made a few years ago indicated that, though substantial crop increases worth several hundred thousand dollars were being obtained annually from improved soil fertility practices developed for 10 million acres of gray wooded soils of Alberta, a future benefit from these practices of 150 million dollars annually might



Field study and sampling of soils is important in many soil investigations and here, as part of a summer research project a Soil Science student measures the permeability of a soil using a well permeameter (right) and prepares to collect undisturbed soil samples for laboratory determination of moisture, structure and aeration.

be anticipated. The total present and future annual value of the contribution which Soil Science can make through improved soil fertility practices on the 175 million acres of occupied land in Canada is perhaps best left to the reader's imagination.

#### TRAINING AND OPPORTUNITIES IN SOIL SCIENCE

Soil is a basic resource utilised in the production of most of the foods and fibres used by mankind. A general understanding of soils is needed by all farmers and other agricultural workers. Training of this nature is given best in regular Soil Science courses at universities, but may also be offered in schools, short courses, field demonstrations, lectures and bulletins. In addition to those who require a general knowledge of soils, there must be a group of thoroughly trained soil specialists and scientists prepared to deal with the many problems of soil-plant-water relationships.

The responsibility for training soil scientists rests with our universities and colleges of agriculture and their contribution in this respect has been great. The curriculum required is one that stresses basic training in chemistry, biology, mathematics (including statistics), physics, and geology. The training in Soil Science itself should include courses in the utilisation of soils and their management for crop production; in the formation, classification and mapping of soils; in the chemical and physical properties of soils and the nature and function of soil micro-organisms. To these must be added courses in languages and the other university and faculty requirements, together with field experience, making a very full programme of study.

Specialists are also required in the various divisions of Soil Science—soil physics, soil chemistry, soil fertility, fertilisers and plant nutrition, soil genesis, classification and mapping and soil technology (conservation, drainage, erosion, land classification, rating). Limited specialisation in one or other of these general fields, with appropriate course adjustment (particularly in supporting fields) is usually desirable in the undergraduate years. Intensive specialisation, however, must for the most part be left for Master's, Doctor's and Post-Doctoral training.

The opportunities for Soil Science graduates in agriculture are many and varied. For example, Soil Science graduates may become research workers and officers in federal, provincial or private research organisations and laboratories; managers of farms and other commercial enterprises; specialists in soil fertility and soil management for corporations; land inspectors and appraisers; government soil surveyors; conservationists and consultants. They may become farmers, teachers, farm advisers and land use planners. Soil Science graduates may also serve their country overseas or join private companies operating in foreign lands.

It should be noted that, although we have been concerned here with careers in agriculture, there are many opportunities for Soil Science graduates in non-agricultural fields. In fact, Soil Science training, stressing as it does the application of chemistry, physics and biology to the study of a complex natural material—the soil—equips successful graduates to make valuable contributions in a great variety of occupations.



# The University

## Summer Session

### A Visitor Looks at U.B.C.

By Jean C. Falardeau



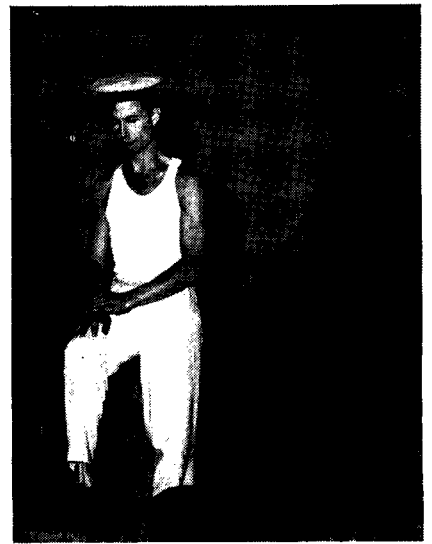
Jean Falardeau

A distinguished summer visitor to the U.B.C. campus, Dr. Jean C. Falardeau, Head of the Department of Sociology at Laval University, Quebec, was most impressed with the scope and calibre of the U. B. C. Summer Programme. Prof. Falardeau was a Visiting Professor of Sociology for the Summer. His impressions of U.B.C.'s unique combination of an academic Summer Session with an extensive Summer School and Festival of the Arts appear below.

Each Summer, many of the Canadian Universities offer a special programme of courses intended for students who, over a period of a few summers, can qualify for an academic degree in one field of knowledge or another. Some other universities have instituted a Summer School in Fine Arts. The University of British Columbia in Vancouver is unique among Canadian Universities in that it offers both of these activities. Not only does it run two parallel and equally im-

portant undertakings, a regular programme of credit courses and a School of Fine Arts, but it blends the two into a harmonious symphonic whole. The U.B.C. Campus in the summer is a garden of uninterrupted intellectual and artistic blossoming in a city which is in itself Canada's glorious open garden on the Pacific.

This summer 145 professors and instructors were lecturing at U.B.C. in the Arts, Education, the Natural and Social Sciences. More than 60 of these were visiting professors from all over the North American continent as well as from many countries of Asia and Europe. Their courses were attended by a total of more than 4,000 students, as compared with 2,300 in 1956. Some 3,500 of these were registered for credit courses, the other 500 taking non-credit courses in the Fine Arts. The greater proportion of the 3,500 credit students were teachers registered with the College of Education. All teacher training in British Columbia is now given by the University of B.C. The College of Education is consequently expanding at a fascinating tempo. This summer it was offering credit courses in more than 100 different fields, from Geography to Creative Writing, to 2,600 teachers contemplating either advanced certification or the new U.B.C. Degree of



Robert Clothier as Trinculo in Shakespeare's "The Tempest" produced by Douglas Seale.

Bachelor of Education to improve their qualifications for teaching in elementary or secondary schools.

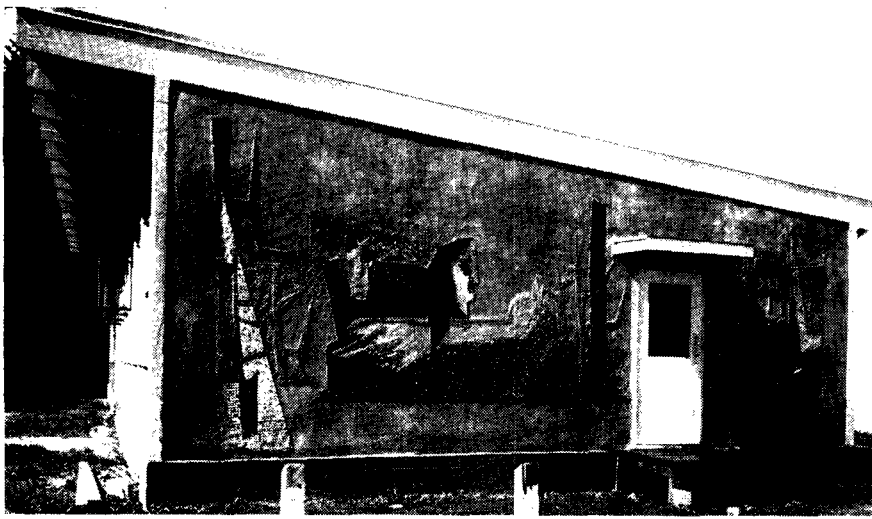
I have had the hectic and stimulating privilege of teaching at U.B.C. during the last six weeks and I shall be going back to my Quebec University with a strong feeling of having participated in an international seminar of professors. My colleagues and I all have the good feeling of having been in close communication with alert and demanding students. The relationship between Faculty and students is warm at this University and so is the multifarious communication between the University and the larger community of greater Vancouver. The attractive events which brought together on the Campus during these six weeks the Faculty, the students and the public, are too numerous to be fully enumerated. There was a series of four astonishing recitals of Beethoven sonatas and two exquisite concerts by the C.B.C.'s Vancouver Chamber Orchestra. The U.B.C. Players Club Alumni played "Waiting for Godot", and there was a painting exhibition of the Quebec Automatists group. Richard Dyer-Bennet was heard and so was Aksel Schiotz in a lieder recital. Each Monday evening one could attend a public lecture by such diverse specialists as Edmund Carpenter of Toronto, or Professor Darbelnet of Bowdoin College; while on Tuesday evenings Fine Arts lectures on such topics as the Novelists' Art, Totem Poles, or Two Seasons at Stratford were given.

The second striking feature of the Summer Session at U.B.C. is the Summer School of Fine Arts which results from the initiative of and falls under the responsibility of the Extension Department. For the last ten years, this School has transformed Vancouver's climate for the arts—a climate which, in U.B.C. Librarian Neal Harlow's terms is "a product of newness, westernness and wilderness." An increasing number of Vancouver's



Peter Mannering Plays the Rôle of Prospero and Betty Lording Plays the Rôle of Prospero's daughter, Miranda.





A Course in Mosaic Craft was added to the Summer School of the Arts curriculum this year. One of their projects was the mosaic mural on the wall of the new Arts and Crafts Hut in Youth Training Camp.

residents now stay there for the summer, and enjoy along with the tourists and the U.B.C. students the outstanding performances and exhibitions offered on the Campus. The outstanding Fine Arts programme this summer covered the widest range of interests in the fields of arts and crafts, theatre, music and opera. The Staff included famed artists and personalities such as Douglas Seale, Cecil Richards, William Reid, Gordon Webber, and indeed, Nicholas Goldschmidt who has been the ferment and inspiration of the School for the last eight years.

There were classes in lieder and concert literature, in choral singing, in piano and in opera. In addition to courses in sculpture, painting, ceramic and metal work an important portion of the programme was devoted to mosaic craft and architectural sculpture. Young actors and members of community drama groups could benefit from basic training in theatre practice, while a master course in professional theatre took the form of the production of *The Tempest* by Shakespeare, under the direction of Douglas Seale. This play was performed with a most rewarding success on five successive nights, between August 13 and 17. It was one climax of the Festival of the Arts which culminates the Summer School of Fine Arts. The other highlight of the Festival was the public concert of Sacred Music on August 12 when Nicholas Goldschmidt conducted in the Georgia Auditorium a choir of 120 summer music students and members of the Vancouver Symphony Orchestra in a brilliant performance of Haydn's Lord Nelson Mass and Bruckner's *Te Deum*. Later in August there was a presentation by the opera students of Gian-Carlo Menotti's opera, *The Medium*, and of Puccini's *Gianni Schicchi*.

It is not surprising that such artistic exuberance at the University has given birth to the idea of an annual Vancouver International Festival of the Arts.

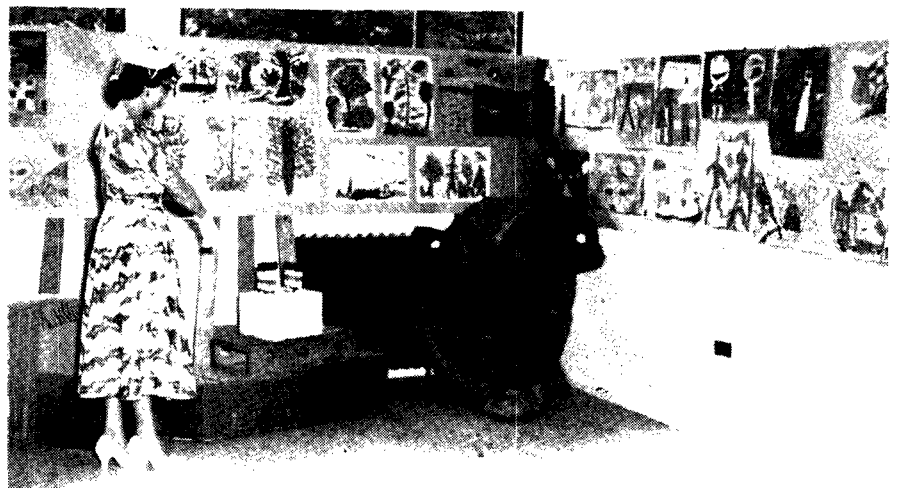
It has been felt that Vancouver as a Pacific Metropolis should become a leader in the Arts, as well as in Commerce and Industry. Thanks to the joint efforts of enthusiasts at the University and in the city, a Vancouver Festival Society was established in 1955 under the aegis of the Community Arts Council, and the first festival will coincide with British Columbia's Centennial celebrations in 1958. But it is planned as an annual festival to become one of Canada's finest cultural achievements. Mr. Nicholas Goldschmidt, the magician of the U.B.C. Summer School of Music, has been appointed Artistic Director of the Festival. Under his sparkling guidance the Festival is bound to be a rival of the most famous festivals in the "old world." His plans are gigantic and his intentions are truly international in scope and calibre. Not only are prizes already offered for major symphonic work and for chamber music that will be played during the festival, along with a new Canadian play by Lister Sinclair, but plans are made to have

world-known artists and performers from Asia, North America, and Europe, in music, dance, drama and painting.

More and more Vancouver, and the University of British Columbia in particular, is becoming aware of the stimulating demands of its unique location on the Pacific. It is geographically at cross-roads between Asia and America. Intellectually and artistically this mushrooming University is already equipped to become a dynamic cultural bridge between East and West. Many steps in that direction have already been made—for instance to take the recent illustration, a Seminar on Japan which was held at U.B.C. this Summer from August 5 to 9 and which was attended by more than 45 participants. In so doing not only is U.B.C. contributing Canada's first original participation to one of U.N.E.S.C.O.'s major projects but it is giving shape to one of its future major functions. Some of those coming here each summer can already forecast "the glories awaiting her at the Olympics" of the universities.

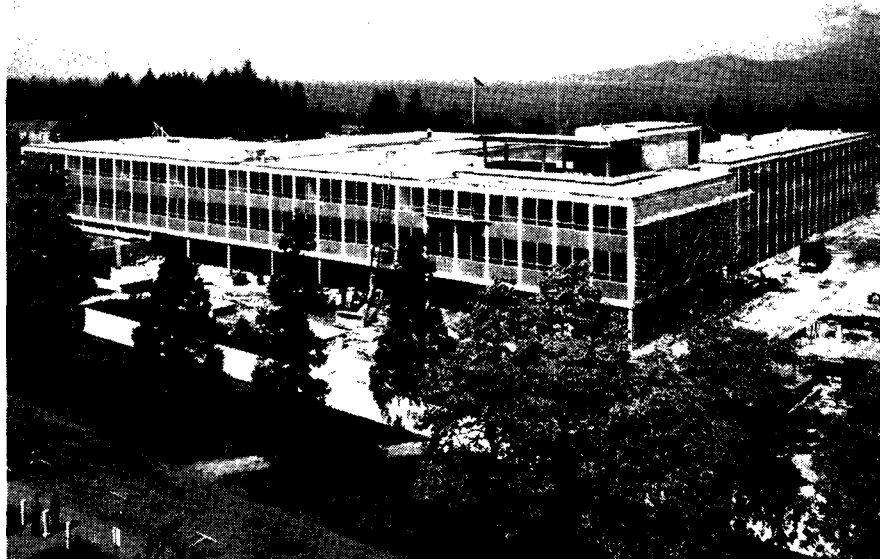


Summer School of Music Director, Nicholas Goldschmidt, conducts a scene from the Menotti Opera, "The Medium", in which Summer School Students Shirley Chapman and Ed Hanson played leading rôles.



Nearly 50 young children attended Children's Creative Art Classes at U.B.C.'s Summer School. Their painting and papier-mâché masks attracted considerable attention when displayed for visitors.

# Changing Face of the Campus



The new two-million dollar Arts Building is rapidly taking shape at the North end of the Campus across Memorial Road from the Library. It is the first major building project in the University's current ten-million dollar Building Programme. It is expected to be completed and ready for occupancy by the Summer of 1958.

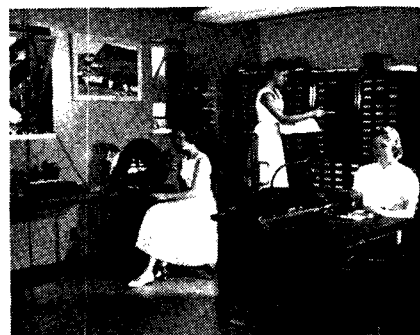
## New Buildings Under Construction

### Federal Government and Churches Participate

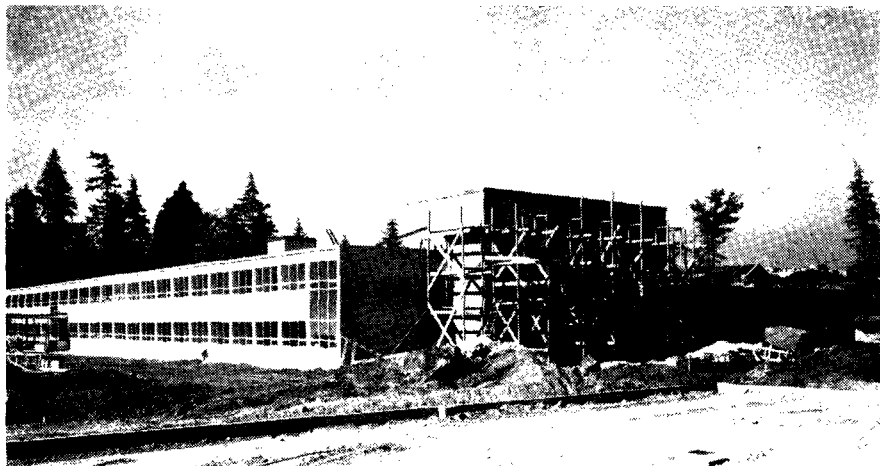
A building boom is in full swing on the Campus these days. Gradually the long-deferred hopes of the University are being realised. The fine new Arts Building gives promise at last of accommodation worthy of the U.B.C. Senior Faculty; the United Church and Anglican Theological College now have a near neighbour in the substantial, finely-built St. Andrew's Hall, of the Presbyterian church, to the South-East, while the framework of St. Mark's College is rising at the corner of Westbrook Crescent and Chancellor Boulevard.

The Forest Products Laboratory, which occupied one of the first buildings to be erected on the Campus, and is now accommodated in seven separate houses, will soon have a brand new headquarters for its work. The Laboratory and Office Building, to cost \$1,000,000, is expected to be opened early next year, the first of three important centres for technical research to be erected by the Federal Government on the U.B.C. Campus.

An account of Brock Hall Extension, which is to be opened in October, will be found on Page 35.



Addressograph Office located in the New Extension of Brock Hall. From Left: Pat Macgregor, Claudia Graham, Sharon Boyle.



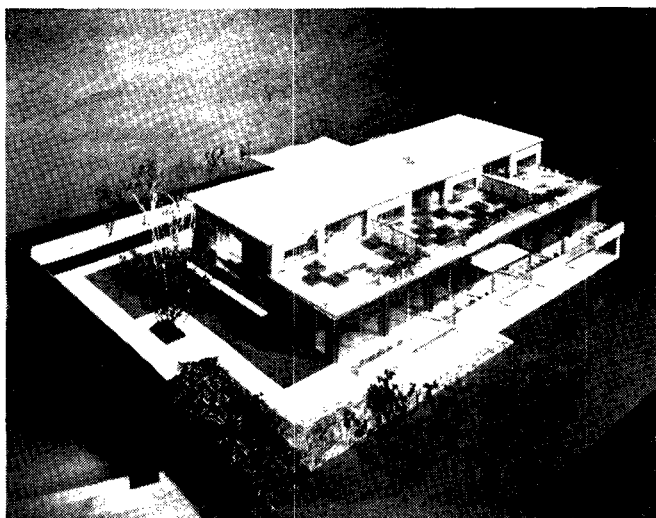
Three new Federal Government Buildings will be constructed on the Campus along Marine Drive near the foot of University Boulevard. The first of these shown above is the Federal Forest Products Laboratory. The other two buildings will be the Technological Station for the Fisheries Research Board of Canada and the Science Services Laboratory for the Department of Agriculture.



Alumni Office Staff busily working in their new quarters in Brock Extension. From Left: Louise Gullback, Thelma Pitt, Claudia Graham and Gerlind Schaller.



Front Entrance of the Faculty Club.



North view of the Faculty Club.

## Faculty Club and Social Centre

Munificent Gift of Thea and Leon Koerner

The University's new Faculty Club and University Social Centre, to be built on the site of the old Faculty Club at the North end of the Main Mall is expected to be ready for occupancy by mid-September, 1958.

Construction, made possible by a \$500,000 gift to the University from Mr. and Mrs. Leon Koerner, is to start this month. The present temporary Faculty Club has been moved 100 yards to the South to a point just North of the new College of Education building and East of the University Armoury, and is now in use in its new location.

Design of the new Faculty Club and University Social Centre is the work of Professor Fred Lasserre, Director of U.B.C.'s School of Architecture.

All of the major rooms look out at the view to the North and have easy and direct access to exterior terraces and lawns.

The Faculty Club social facilities include an entrance and reception foyer, lounge, music alcove, reading room, games room, dining rooms, and

snack bar. The Social Centre provides facilities to permit the Chancellor, the President and other senior officials of the University to receive and entertain distinguished guests in suitable surroundings. It includes five bedrooms, a lounge and a small dining room.

The entrance, with reception desk, will be at a split-level leading to a half flight of stairs up to the Senior Social Centre on the top floor and to another half flight down to the Main Faculty Club floor which will be at approximately the same level as was the floor in the old Club.

The design, the plan, the quality of construction and materials, and the standard of furnishings were evolved in an attempt to give an architectural answer to the spirit in which Mr. and Mrs. Koerner made the generous grant for this building. Every effort has been directed to produce within the budget a building of highest quality to serve the principal social and entertainment needs of the Faculty and Administration Officers. The character of the building, it is hoped, will be non-institutional and club-like.



New University Book Store, Bus Stop, Post Office and Cafeteria has been in use for almost a year. It is situated on the Main Mall across from the Chemistry Building.



St. Andrew's Hall, Presbyterian Theological College, showing a Chapel (right foreground), a Dining Hall (left) and Residence Accommodation for 40 Students is expected to be fully completed by October 15.



An attractively designed temporary wood, frame and stucco building has been added to the parking-lot area East of the University Armoury to house the University's new College and Faculty of Education until permanent quarters can be constructed later.



Architects sketch of St. Mark's College (Roman Catholic) which is now under construction on the corner of Wesbrook Crescent and Chancellor Boulevard and is expected to be completed by August, 1958.

# B. C.'s Hundredth Birthday Party

By Douglas J. Horan, Publicity Director, B.C. Centennial Committee



Douglas Horan

The Province of British Columbia was born out of disappointment.

Countless adventurers had sailed its shores in search of the Northwest Passage. Others had come overland, like Sir Alexander Mackenzie, Simon Fraser and David Thompson,

looking for the legendary route.

They went away disappointed men—those that did not meet tragedy on the wild rivers and rocky shores. But they all left something behind—maps and charts making it easy for those that came after to explore the vast wilderness; forts from which sprung the Province's first settlements; the most important of these being British, left bold markers claiming the new-found territory for Her Majesty Queen Victoria.

Like New York's Hudson, British Columbia's mighty Fraser played the most vital part in the West Coast's early history. The river, its liquid mud churning down to the sea, became an important transportation route for trappers and traders of the North West and Hudson's Bay Companies.

It was on the banks of the Fraser in March 1858, that gold was discovered. The big strike stampeded in a new era in the history of the territory. Lusty, hard-living men jostled in from the world's four corners to join the brawling hunt for gold. But here again men found disillusionment; for the gold soon petered out.

There were many, however, who overcame their disappointment in failing to make the big stake. They stayed to discover and exploit a new bonanza in the earth's fertility—the giant timbers, and one of Nature's greatest phenomena, the annual salmon run. They saw the practical possibilities of this new land and were willing to give up an easier form of life to pioneer a new territory. Their descendants today enjoy the fruits of labours endured because of a faith in the endless promise of a rich but rugged land.

Sir James Douglas, acting for the

British Parliament and Her Majesty Queen Victoria, proclaimed the Mainland Colony of British Columbia on November 19th, 1858, in a ceremony at Fort Langley at which Douglas became the first Governor. The move effectively quashed the activities of major American trading interests who wished to acquire the territory.

Tremendous strides, industrially and culturally, have been made by the people of British Columbia since then. Although the eastern part of Canada has had the jump on British Columbia in terms of settlement and economic development, this most Western part is rapidly narrowing the gap.

Its unlimited natural resource potential will ensure that Sir John A. Macdonald's prophecy, "the Twentieth Century belongs to Canada", becomes a vivid reality.

Because, in 1958, British Columbia will have marked off one hundred years since it was proclaimed a British territory, and because it now stands on the threshold of a golden cultural and economic future, it has decided to pause and give thanks to the early pioneers who made it all possible, in a year-long centennial celebration.

Two years have gone into planning this mammoth 100th birthday party. More than 10,000 volunteer workers, serving on local centennial committees and on the Provincial British Columbia Centennial Committee, have been making preparations which will culminate in literally hundreds of events that will occupy the whole of 1958.

It will be a year of stock-taking, of pride in achievement, of thanksgiving to pioneer parents and a look at the future. The year's programme will reflect this.

The Provincial Government is con-



L. J. Wallace

tributing some \$1,500,000 (at \$1 per head) towards the costly celebrations and to lasting memorial projects. This contribution is made up of 40 cents per capita as an outright gift for celebrations and an additional 60 cents per capita to be matched dollar for dollar by the municipalities, for centennial projects.

Some of these planned projects include restoration of historic sites and landmarks, parks, museums, libraries and even contributions to hospital wings.

Community histories will be written. Parades will be staged and pioneer-honouring ceremonies held.

The 3,000,000 tourists expected by the government in 1958, a 20 per cent jump over the normal, will see Gold Rush jamborees, fairs, rodeos and street dancing throughout the Province.

One little centre plans to have the first white resident born in the district lead a parade, riding side-saddle on a white horse. There'll be an Old-Timers' Tug of War, along with a sports day and an old-fashioned outdoor feed.

The British Columbia Centennial Committee is sponsoring many projects and entertainments of a Provincial nature.

One of the most spectacular, will be the re-enactment by 18 men in three Indian canoes, of Simon Fraser's historic trip down the Fraser River. These men, dressed as old-time voyageurs, will make the 450-mile journey from Fort George (Prince George) to Vancouver — shooting the river's rapids and braving the Fraser Canyon's treacherous Hell's Gate before paddling down towards the river's mouth. They'll take a month, with many stops along the way for welcoming celebrations.

The famous R.C.M.P. "Musical Ride", which has thrilled two generations of audiences across the world,



will be performed throughout the Province.

Stage coaches, complete with outriders and valuable cachettes, will travel from the historic gold-mining town of Barkerville to Vancouver, be ferried over to Vancouver Island and make runs down to Victoria where they will be welcomed by the Lieutenant-Governor Frank M. Ross.

Pageants re-enacting British Columbia's history will be staged across the province. A master pageant script, written by Vancouver newspaperman Dick Diespecker, is being provided free of charge to all communities and schools.

The University of British Columbia, directly and indirectly, is helping to make the centennial celebrations a success.

It has loaned Faculty members like Dr. Margaret Ormsby, Professor of History, Dr. R. G. Watters, Professor of English and Dr. Malcolm McGregor, Chairman of the Classics Department, to the British Columbia Centennial Committee to work on some of its projects.

Dr. Ormsby is presently writing an official history of British Columbia—the first comprehensive history of the province in 44 years. An anthology containing some of the best writings on British Columbia in all categories by prominent west-coast and Canadian authors is being compiled by Dr. Watters. Dr. McGregor, while serving on the Centennial Committee's Board of Directors, is also Chairman of the Cultural Activities Sub-Committee. He has worked to help assist the Vancouver Festival of the Arts, to plan a tour of the Province by the Vancouver Symphony Orchestra and is the Committee's spokesman in arranging art and cultural presentations for British Columbia next year.

Master-minding the whole organization of the centennial celebrations is another U.B.C. graduate. He is L. J. (Lawrie) Wallace, who is Chairman of the Committee. As head of the Community Programmes Branch of the Department of Education he has worked to set up a full-scale recreation programme. His organisational ability earned him the top job on the Committee. The Macdonald Brier curling playdowns, the Grey Cup and many other sports and



Chief Justice Begbie is depicted administering the oath of office to James Douglas, first Governor of the Crown Colony of British Columbia, November 19, 1858, at Fort Langley.

entertainment attractions have been lured to British Columbia next year, largely through his efforts.

Willard Ireland, U.B.C. Honours History Graduate, now Provincial Librarian and Archivist, has been working on the publications section of the Committee, which includes the history and anthology, and is presently engaged in deciding on 100 historic sites to be marked by the Government throughout the province.

Professor R. F. (Bob) Osborne, U.B.C. Athletic Director and Chairman of the centennial Athletic and Sports Sub-Committee, has been instrumental in persuading professional golfers to hold a \$50,000 Canadian Open Golf Championship in Vancouver next year, and also the \$10,000 Canadian five-pin Bowling Championships.

It is anticipated the University of British Columbia will have its largest Homecoming during the centennial year. To encourage the Graduates to return to their Alma Mater in 1958, and also to enjoy the many other activities going on in all parts of the province, the University Alumni Association is co-operating with the Centennial Committee in the distribution of the Centennial Calendar of Events which will be ready for mailing this fall.

U.B.C. Alumni will get an enthusiastic Western welcome wherever they plan to visit in British Columbia next year. It is also the British Columbia Centennial Committee's hope that University of British Columbia Graduates, who have not already volunteered their services to some centennial activity,

will do so in the busy months ahead and thereby, through their training, increase the success of the centennial celebrations.

Many other events and activities, some announced, others still in the planning stage, will give British Columbia the claim to being the show-place of Canada during 1958.

It is sufficient to say that on a stage stretching 366,000 square miles, aproned by the blue Pacific with a backdrop of giant fir trees and cloud-piercing mountains, British Columbians believe they can present a programme of entertainment to outrival any other show in the world.

Their enthusiasm, which has already been demonstrated in the number of hours spent organising centennial events, cannot help but ensure the success of the 1958 Centenary.

While the celebrations will give our tourist industry a terrific boost, they will do something more important. They will bring our people closer together, further a pride in their Province's history and lay the firm foundations from which to build, along with the rest of the Provinces, a great Canadian culture.



Willard E. Ireland



Margaret A. Ormsby



Robert F. Osborne



Malcolm F. McGregor



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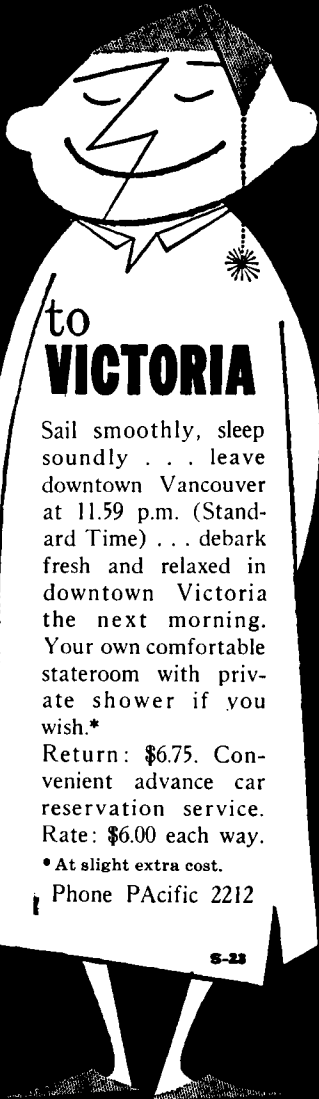
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5-23  
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# Capital Gifts Campaign

## \$5,000,000 Goal Set For Fund Drive

U.B.C.'s capital Gifts Campaign for \$5,000,000 is ready to roll.

Paul E. Cooper, Executive Vice-president of Sandwell & Co., and former President of Crown Zellerbach (Canada) Ltd., has been appointed General Chairman.

Howard N. Walters, retired General Sales Manager of the B.C. Electric and now Vice-President of Pleasant Valley Oil Co., will be Deputy Chairman.

Several leading British Columbia business men have accepted key posts in the Campaign. They are:

H. R. MacMillan, C.B.E., former Chairman of the Board, MacMillan & Bloedel, Ltd.

Harold S. Foley, K.S.G., Chairman of the Board, Powell River Co. Ltd.

A. H. Williamson, O.B.E., Vice-President, Wood Gundy & Co. Ltd.

Walter C. Koerner, President, Alaska Pine & Cellulose Ltd.

John M. Buchanan, Chairman of the Board, B.C. Packers Ltd.

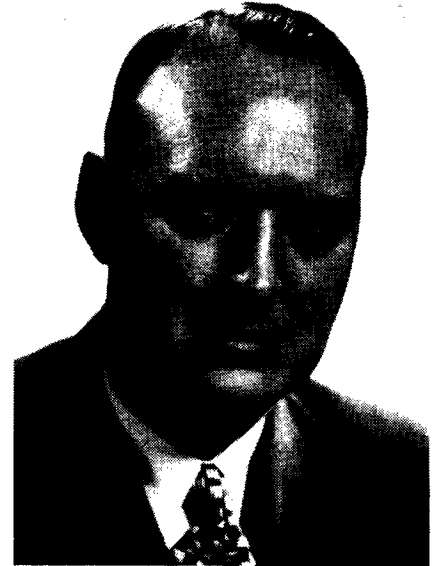
William J. Borrie, President, Pemberton Ltd.

Honorary Chairmen of the Campaign are Chancellor A. E. Grauer and Chancellor-Emeritus Hon. E. W. Hamber, C.M.G. Patrons are the Lieutenant-Governor of British Columbia, Hon. Frank MacKenzie Ross, C.M.G., M.C.; Hon. Clarence Wallace, C.B.E.; Hon. Charles A. Banks, C.M.G.; Hon. Gordon McG. Sloan, Chief Justice of British Columbia; Hon. Sherwood Lett, C.B.E., D.S.O., M.C., Chief Justice of the Supreme Court; and Hon. W. A. C. Bennett, Premier of British Columbia.

The official Campaign period will be January and February, 1958, but pre-Campaign solicitation of national and British Columbia firms and individuals will be undertaken this fall following the Community Chest Campaign.

A Campaign office has been opened on the seventeenth floor of the B.C. Electric Building on Burrard Street. Aubrey F. Roberts, Director of the U.B.C. Development Fund, and Arthur H. Sager, Director of Alumni Activities will be working full time in the Campaign office for the duration of the Fund drive.

The objective of the Campaign has been set at \$5,000,000, which the Provincial Government has promised to



Paul E. Cooper

match for capital development on the Campus. Campaign leaders are optimistic that business and industry and the public will give generous support to the University and that the objective will be reached early in 1958.

The \$10,000,000 realised by the Campaign (five from the public and five from the Government) will enable the University to start on many vital building projects during the next five years. In the meantime, construction is proceeding on the building program with the British Columbia Government's capital grant of \$10,000,000, being received at \$1,000,000 a year. The Arts Building, now nearing completion, is the product of the first two million dollars.

The University expects also to receive nearly \$5,000,000 in Canada Council grants over the next five years for capital construction in Fine Arts, Social Sciences and the Humanities.

Thus the Capital Gifts Campaign, if successful, will contribute only one fifth of the \$25,000,000 which U.B.C. expects to invest in its development programme in the next ten years. Even that will not be enough to complete the job, however, for by 1965 enrollment will have doubled to 15,000, creating new pressures on classrooms and laboratory facilities.

Alumni annual giving, which has grown from \$12,000 to \$143,000 in eight years, will be an advance portion of the Capital Gifts Campaign.

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# Class of 1922 Reunion



Seated, From Left: Mrs. W. N. Sage, S. Mack Eastman, Fred M. Clement, Mrs. F. M. Clement, Andrew H. Hutchinson, Mrs. James Watson, Frederic G. C. Wood, Walter N. Sage, Mrs. L. S. Klinck, Harry T. Logan, Leonard S. Klinck, Mrs. H. T. Logan, John M. Turnbull, Louise (Campbell) Clarke, Mrs. S. Mack Eastman, Mrs. M. Y. Williams, Morton Y. Williams, Annie (Watson) Stewart, Mrs. Paul N. Whitley, Isabel S. MacInnes, W. Orson Banfield, Frank E. Buck. Standing, From Left: Blythe A. Eagles, Lester W. McLennan, James A. Dauphinee, William A. Gale, Mrs. W. A. Gale, Mrs. Blythe Eagles, Edna (Rogers) Orr, Izeyle (Aconley) Purdy, William G. Black, Mrs. Wm. G. Black, J. A. H. (Bert) Imlah, Marion E. Lawrence (B.A.'21), James Watson, Rona (Hatt) Wallis, Mrs. A. H. Hutchinson, Mrs. Bert Imlah, Marion (Atherton) Redgrave, Mr. G. Redgrave, Wells Coates, Gertrude

(Dowsley) Herd (B.A.'27), James Herd, Norah Purslow, Mrs. Gordon Meekison, Gordon Meekison, J. R. (Bob) Fournier, G. Howell Harris, Mrs. Roland Lanning, Roland J. Lanning, Dora (Pye) Marrion, Leonard W. Heaslip, Edna (Ballard) Burch, Bea (Johnson) Wood (B.A.Sc. Nurs.'23), Margaret (Robson) Fournier (B.A.'21), Mrs. W. O. Banfield, G. E. W. (Ernie) Clarke, Cora (Metz) McLennan, Jack M. Arkley, Martha (McKechnie) MacLeod, Annie (Anderson) Angus (B.A.'23), Mrs. H. M. King, Mrs. J. M. Turnbull, Mrs. Jack M. Arkley, Mrs. G. H. Harris, Mrs. L. W. Heaslip, Margaret (Clarke) Pickler, Harry M. King, William (Bill) Stewart (B.A.'23), Paul N. Whitley. Others at Reunion Were: Marjorie Agnew, Geoffrey C. Andrew, George S. Clark, Peter Krosby (B.A.'55), Dorothy (Hopper) Munro, Robert James (Bob) Munro, W. O. C. (Bill) Scott.

Dear Fellow Members:

We did it again; We gathered nearly 100 strong on July 3 at the Sperling Avenue home of Blythe and Violet Eagles to celebrate our 35th Anniversary. If we could convey to our absent members the thrill of these get-togethers — this was our third — we are sure more of you would plan to attend.

The reunion took the form of a garden party. The afternoon was spent meeting and greeting Faculty Members and old friends. A delicious buffet supper, provided by the Eagles and local members of the Class, was served about 5:30.

After supper a short business session was conducted by Les McLennan, permanent Vice-President of the Classes of '22. A moment of silence was observed in memory of classmates and faculty members who had passed on during the last five years—Dr. Ashton, Dr. "Lemmy" Robertson, Dr. Todd, Dr. Douglas McIntosh, Isabel Miller Kuhn, and Doris Fulton.

Interesting letters from classmates who regretted being unable to attend were read by Cora Metz McLennan, permanent Secretary of Arts '22. Among those who sent regrets were: Dr. Dal Grauer, Dr. Norman MacKenzie, (in his absence Dean Geoffrey Andrew represented the University) Dr. Teddy Boggs, Dr. Stanley Matthews, Dr. Robert Clark, Dr. Henry Angus, Gwen Kemp Foerster, Beecher Weld, Lillian Reid, Lionel Stevenson, Cliff Kelly, Lloyd

Bolton, Arnold Webster, Gwen Gillis.

A most interesting item was added to the proceedings by Harry Logan, our Chronicle Editor and current compiler of the History of the University. Harry read the minutes of the Convocation Meeting of 1922 in which the Secretary, Mr. J. S. Gordon, made special reference to the large numbers of the 1922 graduating classes who were present. Because of its large representation at that function, the Class of '22 was the only class ever to be so mentioned in the minutes of convocation. He concluded by reading a few of those personal quips about our classmates from the 1922 Annual such as always appear in university annuals. His remarks all added up to a right note at the right place for a memorable occasion.

During the course of the afternoon it was a grand sight to see classmates and faculty renewing old ties of friendship. Wobby Banfield's photograph album helped a lot in identifying class members and recalling the days of the 1922 graduation. A terrific conversation arose between Louise Campbell and Rona Hatt as to who was the prouder and grander grandmother. And from the way Jimmy Dauphinee served punch and Wells Coates moved chairs, we might have been mistaken for the Class of '52.

The committee in Vancouver in charge of the reunion did a wonderful job. We have asked them to work out arrangements for our next reunion five years hence.

Won't you start planning now to take your vacation in Vancouver in July 1962 and to attend the 40th class reunion of the classes of '22?

**CORA I. McLENNAN,**  
Class Secretary.

#### LEMUEL F. ROBERTSON MEMORIAL FUND

Mrs. Lemuel Robertson has generously established a Loan Fund in memory of her husband, the late Dr. Lemuel Robertson, first Head of the Classics Department in the University. The Fund will be available for use in the form of loans by students of Latin or Greek. Precise conditions are being prepared for publication in the University Calendar. It is felt that many former students of Lemuel Robertson will wish to contribute to this Fund.

#### LAVELL LEESON SCHOLARSHIP

A Scholarship Fund has been established at the University to the Memory of Dr. H. Lavell Leeson for the assistance of medical students. Those who wish to participate should send their donations to the Lavell Leeson Scholarship Fund, c/o Dean Walter Gage, University of B.C.

President and Mrs. Harold Dodds, of Princeton University, were visitors to the University on July 28 and 29. They were entertained at tea by Dr. and Mrs. MacKenzie on July 28 at the President's House, and to luncheon at the Faculty Club, when they met several of the Faculty members.

# 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, 252 Brock Hall, U.B.C., for the next issue not later than November 15.)

1921

**S. Morley Scott, B.A., Ph.D.**(Mich.), formerly High Commissioner to Pakistan, has been appointed Director of Civil Studies, National Defence College at Fort Frontenac, Kingston, Ontario.

1923

**Tarrant D. Guernsey, B.A.Sc., M.A.Sc.'24, Ph.D.**(Col.), represented the University of British Columbia, July 5, at the University College of Rhodesia and Nyasaland on the occasion of the installation of Her Majesty Queen Elizabeth, the Queen Mother, as President. Dr. and Mrs. Guernsey (née Isabel Russell, B.A.'25, M.A.'26) are living in Salisbury, Rhodesia, where Dr. Guernsey is Consulting Geologist with Anglo-American Corporation of South Africa, with Rhoskana Corporation, Limited.

**Col. John H. Jenkins, B.A.Sc.,** Chief, Forest Products Laboratories of Canada, was chosen to head the six-man Canadian Delegation to the Seventh Commonwealth Forestry Conference held this summer in Australia and New Zealand. Prior to the main Conference the Heads of the various Commonwealth Forest Products Research Laboratories met together for a two-week Conference in Melbourne and Tasmania. Col. Jenkins is returning via the Philippines and Japan in order to visit research institutions there and to see something of their lumber and plywood manufacturing industries. Accompanying him as Members of the Delegation were: **Dr. Robert W. Wellwood, B.A.Sc.'35, M.F., Ph.D.**(Duke), Professor, Faculty of Forestry, U.B.C.; and **Charles D. Schultz, B.A.Sc.'31,** Vancouver.

1925

**Homer A. Thompson, B.A., M.A.'27, Ph.D.**(Mich.), F.R.S.C., F.B.A., LL.D.'49, Professor of Classical Archaeology, Institute for Advanced Study, Princeton, and Field Director of Agora Excavations, American School of Classical Studies at Athens, was awarded an Honorary Doctor of Literature Degree by the University of Michigan at their 113th Commencement, June 15, 1957, in Ann Arbor. He also received an Honorary Degree from Dartmouth College, Hanover, New Hampshire, this summer.

1927

**Avis Pumphrey, B.A., M.A.'46,** for the past 8 years Director of Social Service at the Montreal General Hospital, took over in the same capacity at the Vancouver General Hospital on September 1, 1957.

1928

**Arthur H. Beattie, B.A., M.A.'31, Ph.D.**(Stanford), of the Department of Romance Language, University of Arizona, Tucson, was elected to Honorary Membership in Idaho Alpha Chapter of Phi Beta Kappa on June 8, 1957. This is an honour conferred most infrequently and only upon persons who have distinguished themselves by their contributions to scholarship and to the advancement of learning. Dr. Beattie is the author of several books and numerous articles in his field. He taught at the University of Idaho for 20 years, 1931-51, and was Chairman of the Language Department from 1948-51.

1929

**Charles R. Cornish, B.A.Sc., M.E.I.C.,** has been appointed Chief Engineer, Federal District Commission, Ottawa. He had been Assistant Chief Engineer since 1949.



Charles R. Cornish



Frank L. Burnham

1931

**Frank L. Burnham, B.A., M.A.'35, B.Ed.'48,** Vice-Principal of Gladstone Secondary School, has been named Principal of Magee Senior High School. Mr. Burnham, with the Vancouver School Board for the past 25 years, has been active in athletics and is on the Executive of the Vancouver and District Inter-High Athletic Association.

**C. W. E. (Bill) Locke, B.A.Sc.,** has been appointed Mill Manager at the Khulna Pulp and Paper Mill, now under construction in East Pakistan, for the Pakistan Industrial Development Corporation. Mr. Locke has had 23 years extensive experience in the Pulp and Paper Industry, including many years at British Columbia Coastal Mills.

**Kenneth Martin, B.A.Sc., M.A.Sc.'32,** formerly Transportation Manager of the Head Office of Shell Oil Company's Transportation and Supplies Organisation in New York, has been appointed Manager of the Company's newly-formed Department of Transport and Materials. This Department has been created in the New Orleans exploration and production area to ease the problems of logistics which have arisen there with the large-scale off-shore production in recent years.

1932

**E. W. (Ed) Richardson, B.A.Sc.,** during the past year, Chief Engineer for N. W. Hullah Corporation, Vancouver, has formed his own Consulting Engineering firm which will specialise in land investigations and reports, and municipal engineering fields including shopping centres, town planning, subdivisions, water works, sewerage and roads. Mr. Richardson was Engineer for British Properties from 1948-56 which included serving as Engineer for the Lion's Gate Bridge and for the Park Royal Shopping Centre.

1933

**Victor John Southey, B.A., B.A.Sc.,** formerly General Superintendent of Dominion Wabana Ore Limited, has been promoted to the position of Works Manager of the Dominion Steel and Coal Corporation subsidiary, located at Wabana, Newfoundland.

**Leften S. Stavrianos, B.A.,** Professor at Northwestern University, has completed a History of the Balkans to be published by Rinehart in January. He has also published a Pamphlet, of book proportions, on "The Ottoman Empire", for the use of Freshmen students. He has received a Carnegie grant to enable him to continue his research work.

1934

**W. S. (Sam) Creamer, B.A.,** Vice-Principal since 1947, at the Fernie High School, has accepted a position as Mathematics and Science Teacher at the Courtenay High School.

1936

**E. Davie Fulton, B.A., B.A. (Oxon.), M.P.,** has been appointed to the Federal Cabinet as Minister of Justice.

**G. Stanley Williamson, B.A.Sc.,** has been named Plant Manager of Shell Chemical Corporation's Shell Point Plant, California. Mr. Williamson was formerly Superintendent of the Corporation's Torrance Plant, California.



Davie Fulton

1938

**T. K. Shoyama, B.A., B.Com.,** has been appointed a member of the Saskatchewan Power Corporation's Board of Directors. Since 1950, Mr. Shoyama has been Secretary of the Saskatchewan Economic Advisory and Planning Board.

1939

**S. D. Ford, B.A.Sc., M.E.I.C.,** was recently named a Vice-President in the firm of Sandwell and Company, Limited, Consulting Engineers, Vancouver.

**Robert L. McDougall, B.A., M.A., Ph.D.**(Tor.), formerly with the Department of English, University of Toronto, has been appointed Associate Professor, Department of English, Carleton University, Ottawa. Dr. McDougall has also been elected to the Administrative Committee of the Institute of Canadian Studies established at Carleton.

**Jack Morrison, B.A.,** formerly Assistant Manager of the Abitibi Power and Paper Company Limited's Sault Ste. Marie newsprint Mill, has been appointed Manager of their Mill at Fort William, effective August 1, 1957.

1940

**Kenneth G. Booth, B.A.,** has been appointed Manager of Research, Abitibi Power and Paper Company, Limited, Central Research and Development Division, Sault Ste. Marie, Ontario.

**W. C. Hiem, B.A.Sc.,** has been elected President and General Manager of Alchem Limited, Burlington, Ontario. Mr. Hiem has been 15 years with this Company which manufactures specialised industrial chemicals and provides consulting services to all types of industries.

1941

**Orme W. Dier, B.A.,** has been appointed Chargé-d'Affairs, Canadian Embassy, Helsinki, Finland. Mr. Dier was formerly attached to the Canadian Embassy in Copenhagen, Denmark.

**John W. Ker, B.A.Sc.,** received a Doctor of Forestry Degree at Yale University's Commencement Exercises in June last.

1942

**Echo L. R. Lidster, B.S.A.,** has been awarded \$1,500 for Post-Graduate studies in Sociology at Cornell University. The Scholarship was awarded by the Canada Foundation from the Princess Alice Fund, which is devoted to promoting Youth Leadership studies. Miss Lidster will obtain a Master's Degree in Rural Sociology.

1943

**Alvin A. Day, B.A.Sc.,** who established and managed the new Colgate-Palmolive Plant in Lima, Peru, is presently in the West Indies with Colgate-Palmolive (West Indies) Inc., where his firm is establishing another new factory at Ciudad Truesillo. His work entails spending 6 days a month in Kingston, Jamaica, where a third factory is being set up.

**James P. McCulloch, B.A.Sc.,** has been appointed Manager and Secretary, Pacific Air Pollution Control Limited. This new enterprise has been formed in Vancouver to provide consulting services for the design and installation of industrial emission control systems. Mr. McCulloch has been actively engaged in Metallurgical Engineering for the past 14 years.

1947

**A. Douglas Belyea, B.Com.,** has been named Assistant Director of Aircraft Production, Department of Defence, Ottawa.

**Kenneth A. MacKirdy, B.A., M.A.'48** formerly Assistant Professor of History, Queen's University, has been appointed Assistant Professor of Canadian and Commonwealth History at University of Washington, Seattle.



A. Douglas Belyea

—Photo by Tony Archer

**John Douglas Ross, B.A.,** received a Doctor of Philosophy Degree from the University of Minnesota in June last.

1948

**Alistair D. Crerar, B.A., M.A.'51,** has been elected Councillor of the Canadian Association of Geographers.

**I. J. Dalla Lana, B.A.Sc., M.Sc.**(Alta.), has been appointed Assistant Professor of Chem-

## A Personal Matter . . .

Just as there are many types of people, there are many types of investors. Some have substantial amounts to invest . . . many more have medium amounts. Some are familiar with the basic elements of sound investment, others have little experience . . . or in fact, no experience at all. With some, safety is a chief concern, others regard income as more important, and an increasing number are interested in acquiring sound securities with growth possibilities.

All this really means that no two people have *exactly* the same investment problem because no two requirements are *exactly* alike. But despite many differences there is one thing common to all investors . . . it is that every person's investment problem is a very personal matter . . . a subject that he doesn't care to discuss with just anyone but, nevertheless, a subject on which he will often welcome experienced help.

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E. R. Ned Larsen

**E. R. (Ned) Larsen**, B.A., B.A. (Oxon.), Assistant Headmaster at Shawnigan Lake Boys School since his graduation from Oxford in 1953, has been named Assistant to The Honourable G. R. Pearkes, Minister of Defence. Mr. Larsen is an outstanding B. C. athlete and scholar, having the unique distinction, while at Oxford, of being awarded College colours in seven sports and playing for the University in five. He also obtained a First Class in History Honours at Oxford.

**David B. Laughton**, B.S.A., B.Com.'49, formerly Canadian Government Trade Commissioner in Port-of-Spain, Trinidad, has been appointed Commercial Secretary at the Canadian Embassy, Mexico, which position he will take up in the Autumn on completion of a Canadian tour.

**Stephen Lebedovich**, B.A., B.A.Sc., has been promoted to Squadron-Leader in the R.C.A.F.

**James Donald Longley**, B.A., M.D., C.M. (McGill), received the Degree of M.Sc., in Experimental Surgery from McGill University on May 29, 1957.

**R. John Moore**, B.Com., has been appointed External Auditor for the Canadian Fishing Company, Limited, Vancouver.

1949

**Brooke Cornwall**, B.A., M.A.'52, Geographical Branch, Department of Mines and Technical Surveys, Ottawa, has been elected Secretary of the Canadian Association of Geographers.

**Charles N. Forward**, B.A., M.A.'52, was recently re-elected Treasurer of the Canadian Association of Geographers.

**C. Eric McConachie**, B.A.Sc., M.Sc. (M.I.T.), has been appointed Assistant Director of Flight Development, Canadian Pacific Air Lines, Limited. He has played a major rôle in the Bristol Britannia expansion project of C.P.A.

1950

**R. J. (Bob) Edgar**, B.S.A., M.S.A.'52, formerly Personnel Officer, Marketing Service Division, Department of Agriculture, Ottawa, has been promoted to Head of the Personnel Unit, Science Service Division of the Department.

**George R. J. Law**, B.S.A., M.Sc. (Wash.), has won a \$2,250 Kimber Farms Research Fellowship at the University of California at Berkeley. He will work toward his Ph.D. in Poultry Genetics.

**R. L. Walker**, B.A.Sc., formerly Executive Assistant, Fraser River Board, in Victoria, has joined Hunting Technical and Exploration Services Limited, Toronto. His first assignment is in Ceylon where he will act in a liaison and co-ordinating capacity in connection with studies of the Island's water resources under the present Canadian Colombo Plan integrated survey.

1951

**Williard G. Johnston**, B.A.Sc., Draftsman, Canadian Mining and Smelting Company at Trail, has been advanced to Development Engineer II, Engineering Development Section.

**Arthur C. Leitze**, B.A., received his Ph.D. Degree in Biological Chemistry from Indiana State University this June. He is currently doing research in the Science Research Institute of Oregon State College, Corvallis, Oregon.

**Grant MacKinnon**, B.Arch., has become a partner in the Architectural firm of Aubrey and MacKinnon in Kamloops, B.C.

**Capt. I. Neil Nicholson**, B.A.Sc., R.C.E.M.E., has been appointed Professor at the Royal Military College, Kingston, Ontario. Captain Nicholson has been stationed at Vedder Crossing for the past two years.

**Barbara (Bim) Schrodt**, B.P.E., M.S. (Oregon), has just completed her Master's

Degree at the University of Oregon after a period of teaching at Magee High School. Miss Schrodt has been appointed Instructor, School of Physical Education, U.B.C., and will act as Executive of the Women's Athletic Committee.



Carl Stanwick

**Carl Stanwick**, B.A. Sc., Civil Engineer with Swan, Wooster and Partners, Vancouver, is Resident Engineer for his firm on the site at the Second Narrows Bridge. Mr. Stanwick brings to his present position a wide experience in the construction field in Ontario, Manitoba, Saskatchewan and British Columbia.

**Charles A. Swanson**, B.A., M.A.'53, Ph.D. (Cal.I.T.), who recently received his Doctorate in Mathematics at the California Institute of Technology, has been appointed Instructor in the Department of Mathematics at U.B.C.

**Robert R. Williams**, B.A.Sc., formerly with the Natural Gas Conservation Board of Alberta, is now associated with Canadian Bishop Oil Limited as a Geologist.

1952

**E. Stanley Bengston**, B.A.Sc., is now employed by the Powell River Company as a Design Engineer in the Pulp and Paper Mill at Powell River, B.C. He was formerly employed by H. A. Simons Limited, as a Field Engineer on the new mill construction at Port Alberni, B.C.

**Coffin J. Crickmay**, B.A.Sc., received the Degree of Master of Science in Electrical Engineering from the University of Southern California, in June last, climaxing his participation in the Master of Science Fellowship Programme sponsored by Hughes Aircraft Company, Culver City, California.

**Donald K. Edwards**, B.A., M.A.'54, received the Degree of Ph.D. in Zoology from McGill University on May 29.

**Louise Hammerstrom**, B.P.E., formerly on the Staff of West Vancouver High School, has been appointed Instructor, School of Physical Education, U.B.C. Her work will be largely in the College of Education.

**Edwin Hagmeier**, B.A. (Queen's), M.A., Ph.D.'55, for two years a National Research Council University Research Fellow at the University of New Brunswick, has been appointed Assistant Professor of Biology at U.N.B., effective July 1, 1957.

1953

**Alan M. Clark**, B.A., received the Degree of M.Sc. (Applied) in Psychology from McGill University on May 29.

**Walter H. Lewis**, M.A., has received his Doctor of Philosophy Degree from the University of Virginia, and has accepted a Professorship at the Stephen F. Austin State College, Nacogdoches, Texas.

**Ian Pyper**, B.A., LL.B.'54, former President of the B.C. Young Conservatives, Vancouver, has been named Executive Assistant to The Honourable Davie Fulton, Minister of Justice, Ottawa.

1954

**Rudolph R. Haering**, B.A., M.A.'55, received the Degree of Ph.D. in Mathematics from McGill University on May 29.

**Einar S. Haniuk**, B.S.A., received his M.S. Degree in Agronomy at the June Commencement of Utah State University, Logan, Utah. Mr. Haniuk is continuing his research work there towards his Ph.D.

**Robert E. Pugh**, B.A., M.A.'55, currently doing research for his Ph.D. in Physics at the University of California at Berkeley, was awarded a certificate there as the outstanding foreign student of the year for his efforts towards promotion of friendship and goodwill.



Ian Pyper

The award was given for his scholarship record, for his work with Hungarian refugees, and his activities as a member of International House Council.

**Richard H. N. Roberts, B.A.**, has been appointed Private Secretary to The Honourable G. R. Pearkes, Minister of Defence.

1955

**L. Allen Campbell, B.S.F.**, has been appointed Supervisor of Forestry Services for the Department of University Extension. The Faculty of Forestry has appointed a three-man Committee consisting of Dr. J. H. G. Smith, Dr. W. Wellwood, and Dr. J. W. Ker, to assist and advise the new Department which will work closely with the Forest Industry and Government services to aid in adult education in the Forest Industry throughout B.C. Mr. Campbell will undertake a detailed survey to determine the needs of Industry in the field of adult education before planning a specific programme.

**Captain S. Harry Frackson, B.A., M.D.'55**, one of the last four members of Canada's 22,000-strong army contingent to leave Korea, returned to Vancouver at the end of July. He had served for the past 11 months in a Canadian hospital near Inchon. Dr. Frackson will continue to serve in the army, somewhere in British Columbia.

**Eleanor Kepper, B.P.E.**, for the last two years on the Staff at the University of Manitoba, has been appointed Lecturer, School of Physical Education, U.B.C. She will teach

various activities in the Required Programme.

**A Dean MacGillivray, B.A.Sc.**, recently received his Master of Science Degree at the California Institute of Technology.

**Dennis Patrick, B.A.Sc.**, is now associated with Glulam Products Limited, New Westminster, manufacturers of structural glued laminated beams and arches as well as roof-truss fabrication.

**Peter C. Pineo, B.A.**, received the Degree of M.A. in Anthropology from McGill University on May 29. He has been working toward his Ph.D. at the University of Chicago since the fall of 1956.



Wendy Sutton

Pakistan doing educational and journalistic work.

**Wendy K. Sutton, B.A.**, who this spring received her Master's Degree in Journalism from the University of California, is one of 35 young men and women going overseas this Autumn to serve as special term missionaries of the Methodist Church in 14 countries of Asia, Africa and North and South America. Miss Sutton will spend three years in

## The Faculty

**President N. A. M. MacKenzie, C.M.G., M.M. and Bar, Q.C., B.A., LL.B., LL.M., LL.D., D.C.L., D.Sc. Soc., F.R.S.C.**, attended The Canada Council meetings in Ottawa, August 19 and 20. He has been appointed Chairman of the Liaison Committee between The Canada Council and U.N.E.S.C.O. The President has also been appointed a member of the National Planning Association's Canadian-American Committee.

**Dean S. N. F. Chant, O.B.E., M.A. (Tor.)** Faculty of Arts and Science, and Head, Department of Philosophy and Psychology, was elected Honorary President of the Canadian Psychological Association at their Annual Meeting in June at the University of Toronto. Dean Chant is co-author with **Edro Signori, B.A. (Alta.), M.A., Ph.D. (Tor.)**, Associate Professor, Department of Philosophy and Psychology, of a book on Modern Psychology entitled "Interpretative Psychology" published in June last by McGraw Hill Book Company, Incorporated, Toronto.

**Dean F. H. Soward, B.A. (Tor.), B.Litt. (Oxon.), F.R.S.C.**, Associate Dean, Faculty of Graduate Studies, attended a Summer Seminar on Canadian Federalism, held at Duke University Commonwealth Studies Center during the second week of August where he delivered a lecture on External Affairs and Canadian Federalism.

**William M. Armstrong, B.A.Sc. (Tor.), M.C.I.M.**, Professor of Metallurgy, Department of Mining and Metallurgy, has been appointed a Vice-President and a Director of Pacific Air Pollution Control, Limited, Vancouver. The enterprise has been formed to provide consulting engineering services for the design and installation of industrial emission control systems. This summer, Professor Armstrong spent several weeks inspecting plants in Western Germany and in Scandinavia, and in particular in Kristiansand, Norway, where he inspected the operation, and viewed the test runs, of new equipment in a plant which does electro-metallurgical smelting of iron ore.



Jacob Biely

**Jacob Biely, B.S.A. '26, M.S.-A. '30, M.S. (Kansas State Coll.)**, Professor and Chairman of the Department of Poultry Science, attended the Annual Meeting of the Poultry Science Association at the University of Missouri, August 6-9. Professor Biely presented a paper on

## Homecoming and Class Reunions, Nov. 8 and 9

Alumni returning to U.B.C. for this fall's Homecoming festivities will not find themselves without things to do.

The biggest and most something-for-all programme ever has been outlined by Alumni Association and A.M.S. planners, of which the following are some of the main features:

### GREAT TREK DINNER

A Great Trek Dinner will be held on Friday, November 8 at 6:30 p.m. in the Brock Hall Lounge to celebrate the 35th Anniversary of the historic Trek from the Fairview shacks to Point Grey.

All Alumni who took part in the 1922 Trek are invited.

Justice J. V. Clyne, B.A.'23, heads the arrangements committee.

### FACULTY HOMECOMINGS

An extra touch may be added to Homecoming this fall in the form of Faculty-Alumni reunions, tentatively planned for Saturday, November 9 at 10:00 a.m.

Homecomers will converge upon the facilities and staff members of their own Faculties and/or Departments for an up-to-date look-see at what is going on there these many years after.

### HOMECOMING LUNCHEON

The traditional Homecoming Luncheon will be held in the Brock Hall Lounge on Saturday November 9 at 12:00 noon. Ought to be the best yet.

### ATHLETIC EVENTS

The Stadium is the meeting place for all at 2:00 p.m. on Saturday, November 9 when the U.B.C. Thunderbirds aim to wallop Central Washington. Special track events will take place at half time.

A basketball game may be held at 8:00 p.m. Friday, following the Great Trek Dinner. For those who are not interested—other arrangements will probably be made.

### HOMECOMING BALL

Ending the festivities will be the popular Homecoming Ball at 9:00 p.m. on Saturday. Last year the Armouries was too small to hold the students who spilled over into the Alumni part of the Ball in the Brock. This year it is expected that Alumni will need no help to fill the Brock, and additional facilities may be drafted to house everybody.

### CLASS REUNIONS

Five classes will converge on the Campus to celebrate anniversaries during the Homecoming weekend.

They are the Classes of 1927, 1932, 1937, 1942 and 1947.

Facilities for all Class Reunions have been booked on the Campus for Saturday evening from 6:30 p.m., and celebrants will trickle over to the Brock for the big Ball when the eating and speeches are done.

Final details will be mailed to all members of Reunion Classes in good time, but set the date aside right now and let us know if you are coming.

### MAKE SURE YOU GET HERE

There may be other interesting items on the Homecoming and Reunion agenda by November, but this is all we can divulge at the time this issue goes to press.

**Come Home to Homecoming on November 8 and 9!**





President MacKenzie received Honorary LL.D. Degree at 35th Annual Commencement, University of Alaska, College, Alaska, May 13, 1957. From Left: Dr. Otto William Geist; President MacKenzie; Dr. Elsie May Bell Grosvenor; Dr. Gilbert H. Grosvenor. (See Page 9).

Poultry Nutrition and participated in a panel discussion on courses of study for students majoring in Poultry Husbandry. He also attended a meeting in St. Louis on Antibiotics and their use in controlling poultry diseases.

**A. C. Cooke, B.A. (Man.), M.A. (Oxon.),** Professor, Department of History, has returned to the Campus after his year's leave of absence during which he was able to visit the British Colonies in Africa as well as the new state of Ghana, the Union of South Africa and Rhodesia.

**S. H. deJong, M.Sc. (Man.), D.L.S., B.C.L.S., M.E.I.C.,** Associate Professor, Department of Civil Engineering, has been appointed for a three-year term to the Surveying and Mapping Committee of the Civil Engineering Division of the American Society for Engineering Education.

**F. A. Forward, B.A.Sc. (Tor.), F.I.M., M.C.I.M., M.Inst.M.M.,** Professor and Head of the Department of Mining and Metallurgy, spent three weeks in Europe this summer examining metal rolling plants in Western Germany and visiting nickel and other plants in France and Belgium with a view to the possible application there of some of the metal leaching processes which he developed.

**Wolfgang Gerson, A.A.Dipl., M.R.A.I.C., A.R.I.B.A.,** Associate Professor, School of Architecture, has spent most of the summer in Winnipeg where he is completing a large rehabilitation survey and re-planning proposal for the City of Winnipeg, in co-operation with the Central Mortgage and Housing Corporation. This deals with the clearing of a slum area and its replacement with commercial and residential (housing) facilities.

**Joyce Hallamore, B.A. '25, M.A. '26, Ph.D. (Munich),** Professor and Head of the Department of German, represented the University of British Columbia at the 500th Anniversary of the University of Freiburg, Germany, June 24-29, 1957.

**Robert G. Hindmarch, B.P.E. '52,** Instructor, School of Physical Education, spent the summer completing his Master's Degree at the University of Oregon.

**Maxwell L. Howell, B.A., M.A., Ed.D. (Calif),** Lecturer, School of Physical Education was elected Vice-President of the Canadian Association for Health, Physical Education and Recreation at a recent meeting in Halifax.

**Frederic Lasserre, B.Arch. (Tor.), M.R.A.I.C.,** Professor and Director of the School of Architecture, has been active this summer in consultation work on the International House Social Centre and on the new Faculty Club.

**Ranton McIntosh, B.A., M.Ed. (Sask.), Ph.D. (Columbia),** Professor and Director of Secondary Teacher Education in the College of Education, has been granted a year's leave-of-absence for study and travel. Dr. McIntosh intends to divide his time between refresher study at Columbia University this fall and winter and extended travel in the United Kingdom and Europe during the spring and summer of 1958. During his absence Harry Stein, M.A. (Man.), Ph.D. (Minn.), Professor, will assume the duties of Director of Secondary Teacher Education.

**Jean H. McLeod, B.H.E. '50,** Instructor, School of Home Economics, attended the Canadian Dietetic Association convention in Quebec City as the sole B.C. Representative.

**Ian McNairn, B.A. (McMaster), Ph.D. Elect (Columbia),** formerly Assistant Keeper of the Tate Gallery in London, England, has been appointed Instructor in Fine Arts. He is replacing Mr. B. C. Binning who has a year's leave of absence from the University. Professor McNairn recently completed a research project in Florence, Italy, towards his Doctor of Philosophy Degree. He gave a course in the History of Art in the Summer Session.



Ian McTaggart-Cowan with Specimens

**Ian McTaggart-Cowan, B.A. '32, Ph.D. (Calif), F.R.S.C.,** Professor and Head, Department of Zoology, and **Malcolm F. McGregor, M.A. '31, Ph.D. (Cinn.),** Professor and Head, Department of Classics, have been appointed Assistants to the Dean of Arts and Science.

**H. Blair Neatby, B.A. (Sask.), M.A. (Oxon.), Ph.D. (Tor.),** Instructor, Department of History, and Professor **J. T. Saywell, B.A. '50,** of the Department of History, University



This summer the Graduate Students in Physics challenged the Staff to a beard-growing contest. One member of the Staff, Dr. M. Bloom, M.Sc. (McGill), Ph.D. (Ill.), accepted the challenge; however, he did not come first. Aesthetic values, as well as the more obvious aspects of beard-growing were taken into consideration and Garth Jones carried off the honour. Front Row: Harold Wesemeyer, Dipl. Phys. (Hamburg); Dr. M. Bloom; P. Paul Singh, M.Sc. (Agra), (Judge). Back Row, From Left: Garth Jones, B.A. '53, M.Sc. '55; Michael J. Crooks, B.A. (Reed Coll.); Frank A. Payne, B.A.Sc. '54, M.A.Sc. '57; and Don C. Cox, M.Sc. (McMaster).

of Toronto, were the joint recipients of the University of Western Ontario President's Medal for the best scholarly article of 1956. Their article was on "Chapleau and the Conservative Party in Quebec."



W. Opechowski

**W. Opechowski, Magister Filozofji (Warsaw),** Associate Professor, Department of Physics, was one of the principal lecturers at the seminar on Theoretical Physics held at the University of Alberta from August 12-30.

**Cyril Reid, B.Sc., A.R.C.S., D.I.C., Ph.D. F.C.I.C. (London),** Professor, Department of Chemistry, attended and gave a paper on bio-physics before an international symposium of eminent scientists in Moscow, this summer. While there Dr. Reid also lectured in Chemical Physics at the University of Moscow.

**Ira M. Robinson, A.B. (Wesley), M.A. (Chicago),** Assistant Professor of Planning, School of Architecture, has spent an active summer interviewing University Faculties and Departments to work out a new Campus Development plan. He has been working in co-operation with the University Architects, Thompson, Berwick and Pratt, and the University Department of Buildings and Grounds.

**John Waterhouse, B.A., M.A. (McGill),** Instructor, Department of English, has won a \$2,500 Wallace E. Stegner Fellowship in creative writing, enabling him to attend Stanford University.



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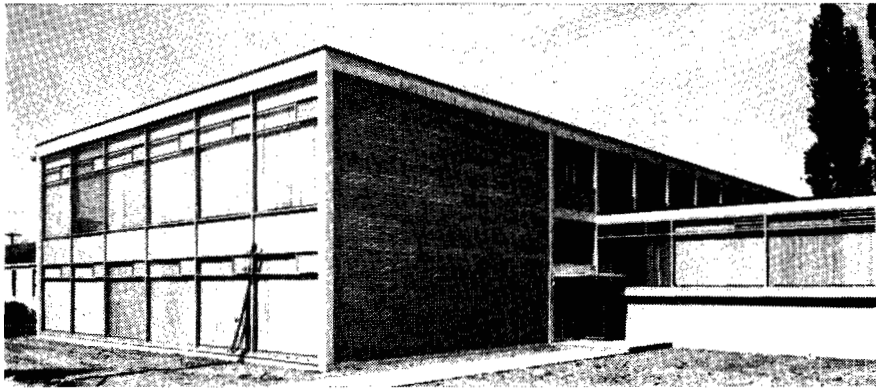
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## Campus News and Views

### TUUM EST . . . CONTINUED

By Ben Trevino, A.M.S. President

The tradition of U.B.C. students solving their own problems will assert itself once again this year with the opening of the Brock Extension.

Like all other Canadian and American Universities, U.B.C. has never had enough money for capital expansion—i.e., new buildings. Unlike other Universities, U.B.C. has never had to divert her precious capital funds to student buildings of a non-academic nature. Since the Great Trek, succeeding generations of U.B.C. students have built and paid for the Women's Gym; the Stadium and Athletic Fields; Brock Hall; the Armoury; and the War Memorial Gymnasium. With the public, Alumni, and the Provincial Government subscribing to many of these projects, students have been responsible for approximately one-seventh of the University's twenty-five million dollar plant.

In the spring of 1955, A.M.S. Treasurer Geoff Conway reported to a general meeting that the payments on the War Memorial Gymnasium would soon be completed. That same General Meeting authorised the Students' Council to seek a new loan for the purpose of erecting a building that would house the offices of the Alma Mater Society's growing list of subsidiary organisations. By October of 1956, when Treasurer Allan Thackray publicly burned the cancelled notes that had chronicled our indebtedness for the War Memorial Gymnasium, the Brock Extension was half-completed.

Like the University, the A.M.S. has its problems with over-crowding. Before the plans for the Extension were off the architects' drawing boards, the building was already too small. Nevertheless, the Extension will house the Alumni and Chronicle offices, a new barber shop, a new College Shop, and many of U.B.C.'s myriad clubs. Highly specialised and technical clubs like the Film Society, the Camera Club, the Amateur Radio Society (Hamsoc), and Mamooks have the facilities pecu-

liar to their functions built into their new clubrooms. Clubs such as the political clubs, the ethnic and religious clubs, the U.N. Club, and the like will be accommodated in office space. Many of the clubs will of necessity share offices.

The new Dance Club room will double as a smaller dance floor, which has often been needed for small parties that are dwarfed by the Brock Lounge. A Games Room will have billiard and table-tennis tables available to students at a nominal fee. The window-walled link between the Brock and the three-storeyed Extension will provide additional lounge space and will house the growing A.M.S. collection of Canadian Art.

The Extension will cost the students approximately \$300,000, less the University's contribution for the Alumni space. Fixtures and furnishings, together with renovations to the Brock, as other clubs were given room for expansion, will bring the total up to \$350,000.

This new debt should be repaid in six or seven years, depending on the validity of projected increases in enrolment at U.B.C. Out of every student's \$19.00 A.M.S. fee, \$5.00 goes to the Building Fund.

The serious task of planning, financing, and furnishing a new building has been relieved by some humorous sidelights. A committee in quest of chairs returned to the A.M.S. offices late one afternoon. With somewhat glassy eyes but jubilant smiles, they announced triumphantly that they had found a hotel doing some remodelling in their licensed premises, and we were the new owners of 150 beer-parlour chairs, bought at a bargain price!

Another committee debated heatedly the comparative virtues of Colonial maple and Stork wrought iron furniture for the new lounge, and finally compromised with sleek but textured Scandinavian-designed sofas and chairs.

A University committee, under the impression that the A.M.S. would no longer require the two huts that had formerly housed the clubs, began discussing whether the huts should be used for dormitory or classroom space. Two Student Councillors hurriedly requested a hearing from the committee, and argued themselves back into possession of the two war-time buildings. A week later the Students' Council voted unanimously for the return of one of the huts to the University for use as office space by the Faculty members of Hungary's Sopron University.

To a committee member's cries of "Inconsistency!" and "Illogic!", we could only shrug our shoulders. It was illogical and inconsistent, but it was necessary.

All of which goes to show that a career at U.B.C., especially as a Student Councillor, can lead one into rather strange situations — but we know it is up to us, and Tuum Est carries us through!

### Camp Elphinstone

By Barbara Leith, Chairman, Leadership Conference

The Third Annual Leadership Conference, sponsored by the Alma Mater Society, will be held this year at Camp Elphinstone over the weekend of October 4-6. Delegates to the Conference will be invited from the Faculty, the Alumni, Student Clubs and Undergraduate Societies, the Administration, and the recipients of U.C.C. and Honorary Activities awards. We also hope to host Dean Roller of the Hungarian Sopron Forestry Faculty and two or three of the Hungarian students that will be enrolling on the Campus during the next year.

A variety of discussion groups covering campus organisation, finances, and problems, have been arranged by Brad Crawford, the Programme Chairman. We hope that the scope of topics for discussion will be wide enough to be of help to every delegate in the forthcoming year's activities. Group leaders will be chiefly students who are fully familiar from experience, with the topic under discussion. Mr. Clint Burhans of the English Department will also lend his assistance in this capacity.

Delegates will leave Vancouver Friday, October 4, in the afternoon, to begin a full schedule of activities that will extend over Saturday and Sunday, with a return boat trip on Sunday afternoon.

In the past two years, the Leadership Conference has proved to be a worthwhile experience for the delegates and an excellent opportunity for Students and Faculty to meet on a common ground. The 1957-58 Committee is making its plans with the hope that this year's Conference will be as rewarding as in the past and that it will facilitate closer Student-Faculty and inter-student co-operation and organisation on the U.B.C. Campus.

# SPORTS SUMMARY

By R. J. (Bus) Phillips, Director of Athletics

## WESTERN ONTARIO'S ATHLETIC CARNIVAL

Competition between Canadian Universities has been a major goal of our University's Athletic Committee, and at every opportunity we have encouraged our teams to compete in as many sports as possible at this level. For several years we have played the University of Alberta teams in Ice Hockey, Basketball and Badminton; we are endeavouring to foster competition in other sports as well, with the prairie Universities, in spite of the excessive travelling costs due to our geographical location.

We have also been a participant in the Churchill Cup Football matches for the past four years. This Annual game between an Eastern and a Western Canadian University was originated by the Quebec Branch of the Canadian Paraplegic Association, under the leadership of Dr. Harold Elliott of Montreal. He visualised that contests of this type would be the start of a broader programme, involving Track, Swimming and other sports. In 1955 McGill University brought its mile Relay Team to Vancouver and the race was run at half-time of the Football game. The University of Western Ontario did the same in 1956, and this Fall U.B.C. will travel to London, Ontario, taking along the Football Squad and Relay Team for the return events September 21.

The balance of the Thunderbird Football schedule is as follows:

September 28, Southern Oregon

College of Education, Home.

October 5, Pacific Luthern College, Parkland.

October 12, Eastern Washington College, Home.

October 19, Western Washington College, Bellingham.

October 26, Whitworth College, Spokane.

November 2, Portland State University, Portland.

November 9, Central Washington College (Homecoming), Home.

November 16, Exhibition to be arranged, Home.

November 23, College of Puget Sound, Home.

## TENNIS

U.B.C.'s tennis team lost the singles to Western Washington, but won the doubles, to return Co-Champions of the Evergreen Tournament. George Morfitt and Doug Norman were the doubles winners.

## GOLF

Greg Candlish and Gary Puder finished 2nd and 3rd in the individual standings of the Evergreen Conference Tournament at Spokane, but

Channing Buckland had difficulty with the narrow fairways of Indian Canyon, with the result that our team finished second to Pacific Lutheran College in the final standings. In pre-season play, the U.B.C. golf team won 5 matches and lost 3.

## The Story of Cricket at U.B.C.

By M. F. McGregor, M.A.'31, Ph.D. (Cincinnati),  
Professor and Head, Department of Classics

Cricket has been played by teams representing the University of British Columbia since 1937, when Basil Robinson, an Undergraduate, and H. V. Warren and M. F. McGregor, both Graduates, formed the first Varsity Cricket Club. From this time to the present, with the exception of the season 1951, Varsity has played in the First Division of the B.C. Mainland Cricket League. From 1937 to the end of 1955, by special arrangement with the Alma Mater Society, Graduates played alongside Undergraduates. In recent years, however, cricketers have reached the University in ever increasing numbers. Many Undergraduates have come from the West Indies; cricketers have joined the Staff and more and more Graduate cricketers have been making their homes in Vancouver.

As a result of these developments, members of the Staff and Graduates, in the winter of 1955-1956, formed a separate club, the University Occasionals. In their first season, after an appalling start that made critics doubt the wisdom of admitting the team to the First Division, the Occasionals finished fourth in a league of ten. In the following winter a further influx made it possible for both Varsity and the Occasionals to field second teams, playing in the Second Division of the Mainland League.

As this is written, Varsity A, under the captaincy of Lloyd Edwards, rest in eighth position. On paper, the team is much stronger than its record shows; its performance, however, has been erratic, despite fine batting performances by Stan Glasgow and Lloyd Edwards and steady bowling by the latter. The second team is in fourth place in a league of twelve and is recognised as a powerful Eleven.

The Occasionals have been the surprise of the season. Even now they are running even with Rowing Club and Brockton Point for the lead in the First Division after having been in a contending position throughout the season. The team is captained by Jack Rush (Lord Byng High School).



From Left: Jack Rush and Chandrasekharan.

Chandrasekharan (a Graduate student in Chemical Engineering) has proved himself one of the best batsmen in the League and Michael Livingston (who did Medical research at U.B.C.) has played many vigorous and effective innings. A new bowler, Barry Connelly (a Graduate student in Chemistry), is the fastest and most hostile opening bowler in the Division; he serves as a splendid partner for the accurate left-arm swingers of Dip Persad. A feature of the team's play has been its remarkable fielding.

The Second Team, in its first season, has been producing creditable results under the happy leadership of Leslie Rawlinson.

The Occasionals have been greatly strengthened by the influx of a group of Graduate chemists. Several members of the teaching Staff continue to play, including two of the charter members of the original Varsity club, namely, H. V. Warren, whose enthusiasm never decreases, and M. F. McGregor, who keeps wicket for the Occasionals' first Team.

The Occasionals also sponsor and coach a Junior Team, drawn primarily from University Hill. These Juniors, in their third year of playing the game, have reached the final in their league, a notable achievement. The great credit for arousing interest in amateur games among the boys (from the age of 7 or 8) belongs to H. V. Warren, whose influence for good in this regard has been, for a generation, incalculable.

One other development merits notice: the construction of a field at the University for Cricket and Hockey. The major cost was generously contributed by the Chris Spencer Foundation; cricketers and supporters of Hockey and Cricket in Vancouver and other parts of the country have helped. It is hoped that this ground will be ready for play in 1958, and it is the intention of the Varsity and Occasionals Cricket Clubs to invite the M.C.C. to play a match here on its next visit to Canada.

# IN MEMORIAM



Ralph S. Argue

1922

**Ralph Starrat Argue, B.A.**, retired General Traffic Manager of the British Columbia Telephone Company, died August 6, 1957, after a fall in his home. Mr. Argue had been associated with the Telephone Company since graduation. He was 57. He is survived by his wife, Alice (née Smith, B.A.'31) of 1235 West 33

Avenue; his parents, Mr. and Mrs. W. P. Argue, of 2906 West 43 Avenue; and a brother, William (B.S.A.'25, B.A.'27), Dean of the Faculty of Science, University of New Brunswick, Fredericton.

**Mrs. John Kuhn** (née Isobel Selina Miller), B.A., died March 3, 1957. She was residing at 237 St. Ann Street, Lancaster, Pennsylvania, at the time of her death.

1926

**Cecile Margaret Handford, B.A.**, died June 16, 1957. She is survived by her sister, Freda Mary Handford of 2925 Mathers Avenue, West Vancouver; and an uncle in England. She was 52.



Jack A. Shaneman

1935

**Jack A. Shaneman, B.A., B.Com.'36, B.S.A.'4**, died suddenly at his home North of Duncan on Thursday, June 13, aged 43. His passing is a great loss to the entire community which centers in Duncan, in whose affairs he had taken a most active and effective part for many years. His host of friends have

been deeply moved by his passing. He is survived by his wife, Betty; their three sons; his Mother, Mrs. F. W. Smelts, 2445 West 6th Avenue, Vancouver; and his brother, Col. Russell D., B.A., B.Com.'32.

1944

**D'Arcy Gerald Nickerson, B.Com., B.A.'46**, former Teacher at the Royal Oak High School, Victoria, died July 29, 1957. He is survived by his wife, Muriel, and a son, Clinton, and a daughter, Beth, of 840 Cook Street, Richmond; his parents, Mr. and Mrs. C. B. Nickerson of Victoria; and a sister, Kathleen, of Ottawa. He was 35.

1949

**Cecil George Hewlett, B.A.Sc.**, was killed August 14, 1957, when he fell from the 10,000-foot level of Monument Peak in the Purcell Mountains about 35 miles West of Invermere, B. C. Dr. Hewlett, a geologist with the B. C. Government, was making a survey at the time. He is survived by his wife and two children of 1879 King's Road, Victoria. He was 30.

**Sidney Ward, B.A.**, Geologist of Tulsequah, B.C., was killed June 21, 1957, when the Peterson Airways plane in which he was travelling crashed in the Stikine Valley, 8 miles north of Telegraph Creek. He is survived by his wife, Phyllis, and three children, Jacqueline, Douglas and Susan, of Tulsequah and his Mother, Mrs. Ethel Ward, of Fernie. He was 33. **Donald Angold** (see below) was killed in the same crash.

1952

**Peter Casper Johnson, B.A.**, was drowned July 4, 1957, when he fell from a log raft in the Baker River Dam reservoir near Concrete, Washington. Mr. Johnson had been employed by the International Pacific Salmon Fisheries Commission Branch in New Westminster since

his graduation, and, at the time of his death was working on an investigation for the Commission. He is survived by his wife, Marianne, and three small children, of 6363 Cypress Street; his Mother, Mrs. Lotte Johnson, Vancouver; two Brothers, John, in Toronto, and Arne in Port Alberni; and two sisters, Mrs. Vaughan Smith and Miss Mim Johnson, of Vancouver. He was 29.

**Donald Angold, B.Sc.(McMaster)**, who had completed all the course work for his Master of Science Degree in Geology at this University during the Session 1956-57, was killed June 21, 1957, when the Peterson Airways plane in which he was flying crashed in the Stikine Valley, 8 miles North of Telegraph Creek. He was employed by Geological Survey of Canada at the time. He is survived by his wife, c/o 71 Amelia Street, Hamilton, Ontario. He was 25. **Sidney Ward** (see above) was killed in the same crash.

**Professor J. Friend Day**, well-known in Vancouver's University, Political and Radio circles, died July 13, 1957, at the age of 70. He was on the Faculty of the University from 1929-1939 and was the first to lecture in Commerce Courses when they were given in the Department of Economics. Professor Day was for some years Programme Director of the successful radio feature "Town Hall Meeting of the Air." Surviving are his wife, Fannie, of 1875 Balsam Street; a son, William L. of Quesnel; a daughter, Anne, a student Nurse at the General Hospital; and two brothers, Frank, and the Rev. William Day, both of Bellingham.

**Dr. Lavell H. Leeson, M.D., C.M.(McGill), F.A.C.S., E.D.**, Clinical Associate Professor, Department of Surgery (1952-54), died June 30, 1957. Well-known in Vancouver as an Eye, Ear, Nose and Throat Specialist, Dr. Leeson founded the St. John Ambulance Brigade in Vancouver and played a significant rôle in the establishment of a Medical Faculty at U.B.C. He was Past President of the B.C. Medical Association, the Vancouver Medical Association and the Pacific Coast Ophthalmological Association and a member of the American Phinological Association. He is survived by his wife, Mary (née Chapman), B.A.'23, and his daughter, Margaret Mary, Class of '59, both of 1530 West 26 Avenue. He was 66.

## A Tribute to Archibald Roderick Fee, 1905-1929

In his abbreviated life of twenty-four years Archie Fee accomplished, scientifically, more than could be expected ordinarily for the span of three score and ten. At the University of London, England, he was slated to succeed the leading Physiologist, Starling; this position he held for a few months only, when infection from a minor operation terminated his brilliant career.

He is acclaimed by his Professors and fellow Students who knew him intimately at the University of British Columbia. His chief recognition came from Britain where his graduate work was outstanding. At the age of twenty-two he received his Ph.D. Degree; meanwhile he held the 1851 Exhibition Scholarship and later the Beit Memorial Research Fellowship for two years. These are honours which have no superior in the scientific world. During a three-year period he published twelve notable papers as author or co-author on physiological subjects. He pioneered in the analysis of the work of the kidney. His former Professors and



From Left: Archie Fee; Mrs. Vera Stevenson (née Mather); Mrs. S. Godwin (née Kathleen M. Inglis); G. Ewart Wooliams, Mrs. J. D. Arnold (née Jean Davidson).

associates compiled and edited a book of one hundred and sixty pages, a copy of which was sent to his Mother, Mrs. Edith Fee, and she in turn donated the book to the University of British Columbia, where it has been placed in an honoured position under the particular care of the Librarian.

As a student at U.B.C., Archie Fee attained Honours standing in Zoology and General Biology under the direction of Dr. C. McLean Fraser and Professor George Spencer. While he was an Undergraduate, two of his papers were presented by C. McLean Fraser to the Royal Society of Canada. It was the privilege of the writer of this account to teach the course in General Physiology, using Bayliss' "Text Book on General Physiology" which became the field of his choice.

Two months previously to Archie Fee's death he met and dined with three other University of British Columbia Graduates who had won scholarships and were doing post-graduate work in Britain. The names of the foursome are: Blythe Eagles, Archie Fee, Dal Grauer and Roy Vollum. It was a notable company.

The work of the true scientist lives after him, but often it requires decades to be truly recognised. It seems fitting that honour be given at the present time to Archie Fee since the Mother who sacrificed so much to make his brilliant career possible is lying very seriously ill in Vancouver and praise and appreciation of her son will be a source of deep personal gratification to her.

—A. H. Hutchinson.

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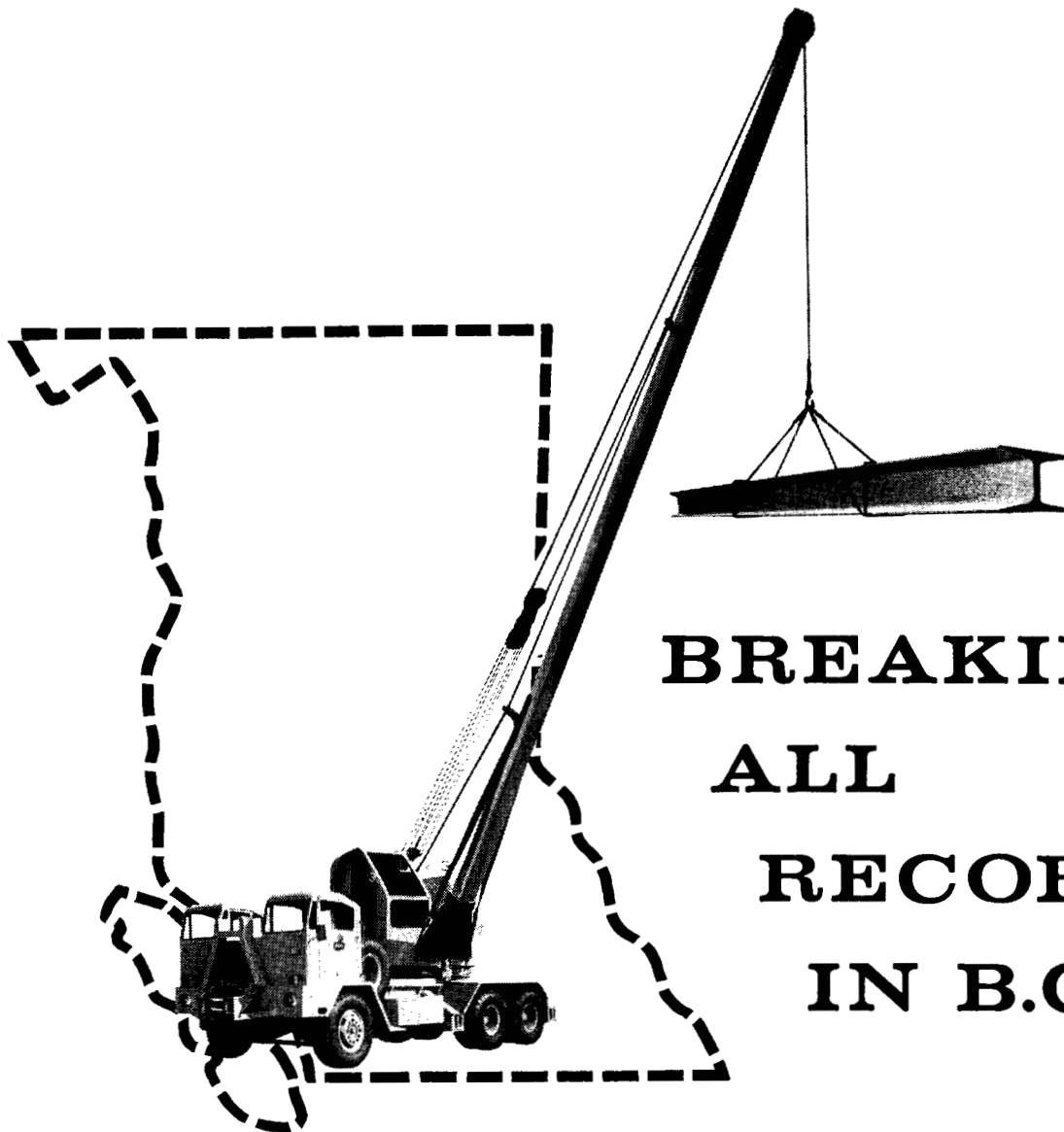
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