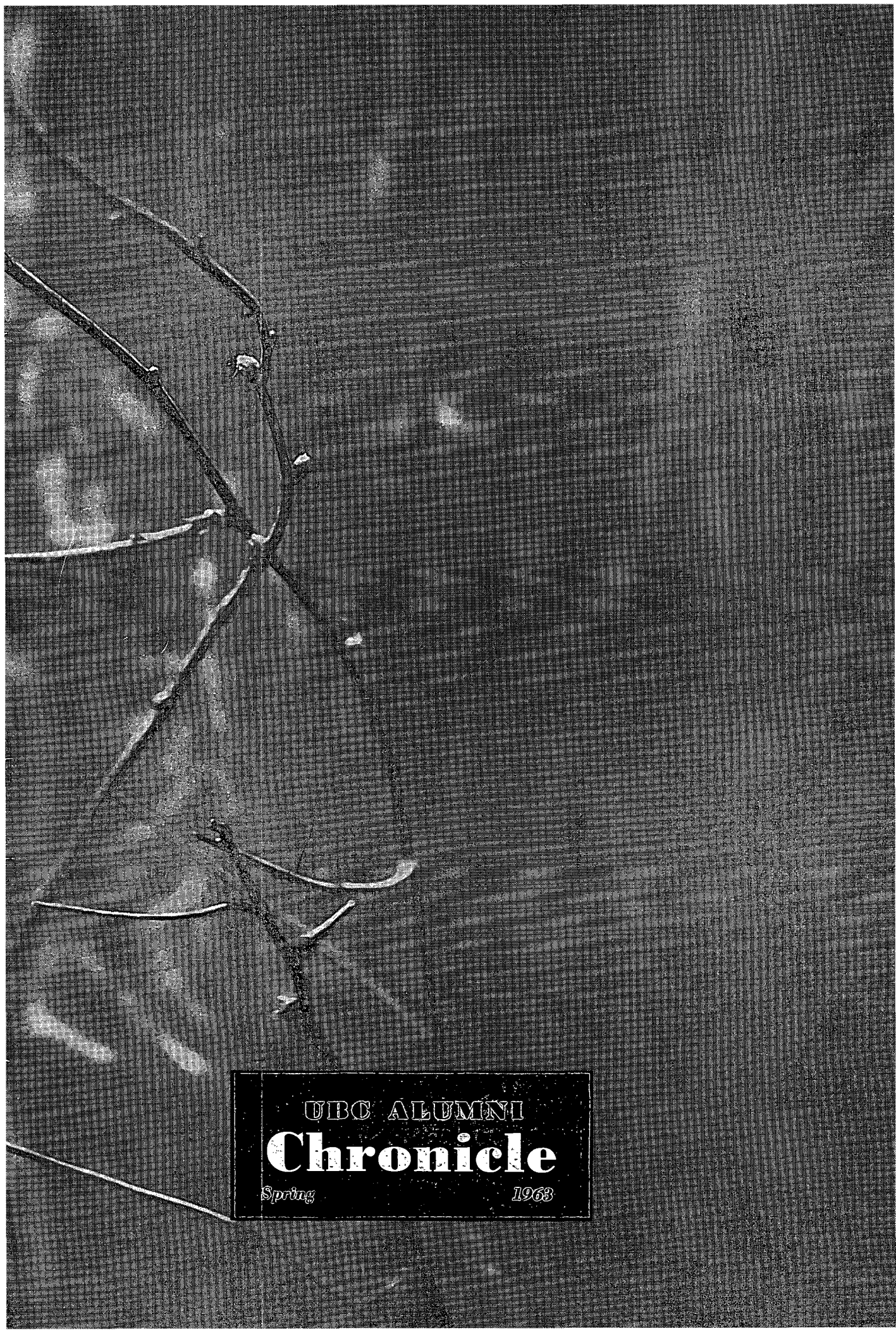

UBC ALUMNI Chronicle

Spring 1963

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U.B.C. ALUMNI CHRONICLE

Volume 17, No. 1 — Spring, 1963

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CONTENTS

4 Editorial
—Franklin E. Walden, BCom'38

5 The University

9 Undergraduate Views
—Fred Fletcher, '63

10 Quizzing the Macdonald Report

13 A First for Victoria College

14 Fabulous! University Women's Project
—As told to Mamie Moloney, BA'29, by Frances Mussallem, BA'33

16 What Makes a Good Alumnus and Alumni Association?
—Speech by Paul S. Plant, BA'49

18 Welcome to Class of '63

19 Your Senate Elections

21 Alumni Annual Giving Report

25 Alumni Association Annual Dinner

26 Alumni Association News

30 Alumnae and Alumni

42 Alumni Association Directory

SPRING HAS COME ON THE CAMPUS JUST LIKE ANYWHERE ELSE.

THE COVER PHOTOGRAPH, HIGHLIGHTED IN A SHALLOW FIELD OF FOCUS, WAS TAKEN BY ALFRED H. SIEMENS, BA'56, MA'60. MR. SIEMENS WHEN HE WAS A STUDENT EXHIBITED IN THE ANNUAL BEN HILL-TOUT MEMORIAL PHOTOGRAPHY SALON. THIS YEAR, AS A MEMBER OF THE STAFF OF THE GEOGRAPHY DEPARTMENT HE WON FIRST PRIZE IN THE FACULTY SECTION FOR ONE OF HIS ENTRIES.

THERE IS NO TIME TO WASTE

THE MACDONALD REPORT presents a comprehensive survey of the requirements of higher education in B.C. Its scope is impressive, its thematic development is clear, and the logic of its conclusions irrefutable. The vague misgivings many have had about our failure to provide for the requirements of higher education are vague no longer.

To some who have been vitally interested in the matter, Dr. Macdonald's proposals for bringing facilities into line with requirements will be disappointing. It is obviously not possible, however, to have junior colleges on the doorstep of every community in B.C. The recommended programme goes a long way towards serving the immediate needs and provides a pattern for future extension.

Having had the problem clearly delineated and the solution suggested it remains now to translate the plan into action.

While the initial responsibility for establishing junior colleges appears to lie with regional organizations, it is clear that the basic impetus must come from the provincial government. This level of government has two primary duties: to accept its direct financial responsibility, and to be an advocate for the required financial support at the federal level. Local and regional organizations are not likely to be inspired to action unless they have the positive assurance that the provincial government will take the initiative and give the necessary assistance. Positive assurance cannot be interpreted as "agreement in principle" or "sympathetic understanding." It must take the form of a commitment to action.

Dr. Macdonald's report clearly shows that there is no time to waste. It is inconceivable that the matter should now be left to drift. This does not necessarily mean that the recommendations of the report can or should be implemented in their entirety forthwith. Indeed, the report calls for progressive stages of development and it is most unlikely that, in advancing from stage to stage, circumstances will not change making amendments to the original plan necessary.

Provision must be made, however, for initial implementation. It has been suggested that the plan is unrealistic in that it calls for an ultimate annual budget of $111 million; and that to meet this will require a substantial increase in employment and in provincial revenues. Of course it will. But dealing aggressively with the matter of higher education will go a long way towards insuring that these increases are realized.

It is true that the nation as a whole reaps the benefit of a postgraduate and professional training. This is one reason why the federal government must be encouraged to accept a much extended responsibility in university education. But this province cannot wait for the senior government to act. It must take the initiative now for implementation of Dr. Macdonald's programme and, through an active and forceful campaign, insure the justified participation of the federal government.

The British Columbia government must deal aggressively with the whole matter. A committee should be established forthwith to study the matter in detail and to bring forward draft legislation for the present session or a special session of the legislature in September, 1963. When the problems forecast for 1965 arrive, the solution will then be at hand.

F. E. Walden.

Alumni Association President.

The University

Geomagnetism

THE UNIVERSITY of British Columbia's Institute of Earth Sciences has established a permanent observing station to measure rapid changes in the earth's electromagnetic field.

Establishment of the station on Westham Island in the mouth of the south arm of the Fraser River 25 miles south of Vancouver was announced in the annual report of the Institute, which is under the direction of Professor J. A. Jacobs.

The Institute and the Pacific Naval Laboratory have cooperated in setting up the station which has six complete sets of recording equipment for measuring rapid changes in the earth's magnetic field.

Variations in the field caused by sun spots, solar flares, and nuclear bomb explosions can be picked up on the delicate equipment, which is in operation around the clock.

Other research in the field of geomagneticism is supported in the Institute by grants from the National Research Council of Canada, the Defence Research Board of Canada, and the American government's Office of Naval Research.

Other geomagnetic research projects in the past year included a combined field operation between the Institute, the Pacific Naval Laboratory, and the Universities of Alberta and California, and a detailed study of world - wide changes in the geomagnetic field.

The Institute also continued work in the field of isotope geophysics with special emphasis on lead isotopes. Field work on the Athabaska Glacier in Alberta has been continuing for several years.

In the past year a seismic explosion programme was carried out in the Vancouver Island-Strait of Georgia area.

The publications of the Institute now number more than 60 and in the past year eight students received doctor of philosophy degrees with specialization in geophysics.

Dr. Hoar eats his words

TWO FISHERIES scientists at UBC have succeeded in maturing two varieties of commercial salmon, pinks and chums, in fresh water.

"I've been writing for ten years or more that pinks and chums could not survive indefinitely in fresh water," says Dr. William Hoar, professor of zoology and fisheries. "Now I have to eat my own words."

Not only have the pink salmon completed their normal life cycle in fresh water but half of them have spawned and a second generation of pinks is now on its way to maturity.

Dr. Hoar and PhD student John McInerney began the experiment in the fall of 1960 when pink salmon eggs were obtained from the Skeena river system and chum eggs from Cultus Lake.

The tiny fish, when hatched, were fed a special diet of commercial trout food three times a day in open pools beside the Biological Sciences building.

The special diet and the near natural surroundings are probably the two factors which kept the fish alive, says Dr. Hoar. "Normally, a fish which is placed in unnatural surroundings quickly becomes disturbed and refuses to eat."

There are notable differences between the captive pink and chum salmon as compared to those existing in the wild state. The captive pinks, for instance, average a pound in weight and a foot in length, whereas a wild pink averages three to four pounds and usually grows to two and a half feet in length.

The same applies to the chum. Wild chum average nine to eleven pounds and grow to more than three feet in length. UBC's fresh water variety to date weigh less than a pound and are about a foot in length. No attempt has been made as yet to realize their full growth potential in captivity.

The pinks, which have a very precise two-year life cycle, were closely watched last fall when the spawning period approached. To the scientists' surprise half of them spawned, and Dr. Hoar hopes the balance will do the same this coming fall.

"In any case we have three-year-old pinks swimming around in our tanks," he says, "and that means we have a pretty rare animal on our hands."

The chum salmon normally have a three-year life cycle which will be completed this fall.

Dr. Hoar and Mr. McInerney are more concerned with an understanding of the biology of the species than the possible commercial applications of their research. They thought their rearing methods might have some applications in the trout farming industry. The value to sports fishing can not be overlooked, either.

"The most important thing for us," says Mr. McInerney, "is the fact that we can take the fish through its entire life cycle in captivity. And that makes it an invaluable aid to research in all fields of fish science."

G. P. MATHUR, the Indian trade commissioner in Vancouver with Dr. Macdonald when he presented 33 books to the University on behalf of the government of India. The books cover aspects of Indian politics, economics, philosophy, art and architecture and several books on current international relations.

Giving nature a hand

DR. JOHN E. BIER, professor of forest pathology at UBC, has found a way of giving nature a helping hand in controlling fungus infection in trees.

He has developed a biological method of controlling tree-killing fungus diseases.

Dr. Bier says his discovery holds great promise for the B.C. forest industry, which now rejects more than 10 per cent of the timber it cuts because of fungus infection.

His tree treatment is based on maintaining a natural balance between beneficial and harmful organisms which live in the limbs or the roots of trees.

He says certain beneficial organisms, if present in sufficient numbers, will keep the harmful fungi under control.

If there aren't enough of these beneficial organisms present, harmful fungi enter through a broken limb or crack in the bark and start to destroy the wood.

Dr. Bier developed a solution containing micro-organisms from the wood, leaves and bark of healthy trees by placing cuttings from healthy trees in distilled water and leaving them there for five days.

When tree cuttings are dipped in the resulting solution, their resistance to harmful fungus disease is almost complete, he says.

Untreated cuttings beside them are soon covered with a thick web of the destroying fungi.

"What we are dealing with here are living organisms, as opposed to artificial chemical compounds," Professor Bier says.

Chemical treatment of tree diseases has produced inconsistent results and has the disadvantage of destroying both harmful and beneficial organisms.

He says he hopes soon to begin extensive field trials of the solutions.

Dr. Bier's work is being supported by grants from MacMillan Bloedel and Powell River Ltd. and the National Research Council.

Fruitful Co-operation

AN EXAMPLE of how industry and the University campus can work together effectively, came to light recently with the announcement that James Ferguson, a graduate of the University of British Columbia has been awarded a $200 prize for his graduating paper entitled "A Study of the Feasibility of Marketing Apples through Automatic Vending Machines."

In 1958, B.C. Tree Fruits Limited, the B.C. Interior tree fruit central marketing agency, desirous of determining the feasibility of economically marketing apples and other fresh fruit through the use of automatic refrigerated vending machines in such locations as schools, sports stadiums, etc., effected arrangements with the University of British Columbia whereby a marketing study could be undertaken by an interested student.

Over a 24-month period, Mr. Ferguson, then working towards his degree in commerce and business administration, undertook such a study on and off the University campus, using a refrigerated vending machine and fresh fruit and fruit juices made available by the tree fruit industry, without charge. Initially, arrangements had been agreed upon whereby fresh fruit would be supplied on a subsidized basis. However it soon became apparent that further assistance would be necessary, with the result that the machine and the fresh fruit were made available without charge.

Thus began an interchange of information between the industry and the project, culminating in the B.C. tree fruit industry gaining considerable marketing information on this particular aspect of fresh fruit sales and the student receiving considerable assistance towards his graduating thesis.

Mr. W. J. R. Green, advertising manager of B.C. Tree Fruits Limited, under whose assistance Mr. Ferguson conducted his study, noted, in extending congratulations to Mr. Ferguson, "that the B.C. tree fruit industry has a history of close liaison with the University. Indicative of this industry-University relationship is the granting by the British Columbia Fruit Growers' Association of an annual scholarship to a deserving undergraduate in agriculture attending University of British Columbia."

Mr. Green went on to say—"Many of our own Okanagan students are now attending University of British Columbia and receiving notable success as evidenced by the announcement that Mr. John Towgood, formerly of Oyama and the son of Mr. Thomas Towgood, a prominent grower and a director of B.C. Tree Fruits, had been awarded a prize by the Professional Marketing Research Society of Toronto for a paper.

Administrative Appointments

TWO NEW administrative appointments have been announced by President John B. Macdonald.

They are Dr. William C. Gibson, BA(Brit.Col.), MSc(McGill), DPhil (Oxon), MD,CM(McGill), as special assistant to the President on University development and Donald A. McRae, BCom '47, as assistant registrar of the University.

Dr. Gibson will continue to act as director of the Kinsmen Laboratory for Neurological Research and head of the department of the history of medicine and science.

His new position will be an extension of the work he has carried on for a number of years in obtaining support from large foundations for research and development at UBC, Dr Macdonald said.

Mr. McRae will be responsible for registration procedures, student record management, and other business management aspects of the registrar's office, according to J. E. A. Parnall, UBC's registrar.

Mr. McRae was treasurer of the Alma Mater Society at UBC in 1946 following service with the RCAF in World War Two.

Donald A. McRae, BCom'47

Since graduation he has been employed as a senior field representative for Canadian Forest Products Ltd., as general manager for Mercedes Benz Distributors Western Ltd., and latterly as branch manager for Canfor Building Products, a subsidiary of Canadian Forest Products Ltd.

Mr. McRae has completed most of the requirements for his master of business administration degree.

Chemist rejoins Faculty

ONE OF THE WORLD'S leading chemists in the field of electronic structure of large molecules will rejoin the department of chemistry at the University of British Columbia this year.

He is Dr. James Ferguson, 31, a member of UBC's chemistry department in 1957 and 1958, and currently a visiting research scientist at the Bell Telephone Laboratories in Murray Hill, New Jersey.

Professor C. A. McDowell, head of the UBC chemistry department, said Dr. Ferguson would rejoin the department as an associate professor on July 1, 1963.

He said Dr. Ferguson had carried out a large amount of research in the field of chemical spectroscopy which holds out great promise because of its bearing on fundamental studies in the transfer of electrons between energy levels in molecules.

Dr. McDowell added that such fundamental work has application in the industrial field in the development of semi-conductors similar to transistors, and lasers, a device for producing intense beams of non-scatterable light, which are used in space research.

Dr. Ferguson was born in Sydney, Australia, and attended the University of Sydney where he received the degrees of bachelor of science with first class honours, master of science, and doctor of philosophy.

Following graduation from the University of Sydney, Dr. Ferguson was awarded a post-doctoral fellowship by Canada's National Research Council for further work in Ottawa.

After teaching at UBC in 1957 and 1958 Dr. Ferguson returned to Australia where he was a senior research officer in the division of chemical physics of the Commonwealth Scientific and Industrial Research Organization at Melbourne.

He has been at the Bell Telephone laboratories since 1960. Dr. Ferguson is married and has three children.

Federal Research Grant for Warren

PROFESSOR H. V. WARREN of the geology department, has been awarded a $4,100 federal research grant to continue his studies of trace elements in soils, rocks and plants.

The grant is one of 43 made by the Department of Mines and Technical Surveys.

Dean McCreary in Geneva

JOHN F. MCCREARY, dean of UBC's faculty of medicine, attended the United Nations studies on technical aid for underdeveloped countries in Geneva February 2 to 20.

Two thousand delegates in the largest of United Nations meetings for such a purpose discussed the provision of technical assistance requested by these countries. All phases of assistance toward the well-being of these peoples were explored.

Dean McCreary's part in Canada's delegation was concerned with education of health personnel, development of medical research and improved nutrition.

Courses in four centres in Continuing Medical Education

THREE continuing medical education courses for B.C. doctors began in January in Victoria, Vancouver, Kamloops and Prince George.

The courses have been arranged by the department of continuing medical education at the University of British Columbia.

Object of the programme is to provide nurses and physicians with a "continuing medical education" within their own community in an informal conference setting.

Members of the departments of medicine, obstetrics and gynaecology, and surgery at UBC lectured at the first central region course at the Royal Inland Hospital, Kamloops and Prince George Regional Hospitals. The course comprises four sessions, one a month.

Latest developments in the treatment of musculo-skeletal disorders were the subject at the first Victoria metropolitan continuing medical education course for physicians in January.

Members of the department of surgery at UBC instruct the course of five sessions at Royal Jubilee Hospital.

In Vancouver, the care of prematurely born infants was the subject of a three-day course at the Vancouver General Hospital in January.

Members of UBC's department of paediatrics and the VGH department of nursing lectured during the course which was open to physicians and registered nurses.

Gift for Slavonic Law Books

ALFRED BLUNDELL, a retired British lawyer now living in Vancouver, has made a donation of $1500 to the Library of the University of British Columbia to add to its Slavonic Studies collection.

The gift will be used to purchase books and other research material relating to the law in the U.S.S.R. and the Slavonic countries of eastern Europe.

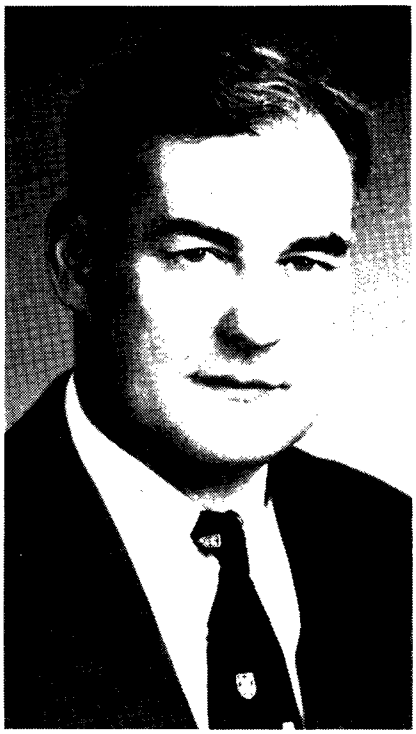
Dr. James St. Clair-Sobell, head of UBC's Slavonic Studies department, said the gift will inaugurate what is believed to be the first specialized collection in Canada on law in Slavonic countries.

"This valuable donation," he added, "will enable the University to make an important and wanted addition to its already substantial Slavonic Studies collection."

Mr. Blundell, who came to Canada in 1959, is a graduate of Oxford University where he received the degree of bachelor of civil law and master of arts.

He has travelled widely in eastern Europe, Africa, and Asia, and practised law in London for many years. He has retired from active practice to devote himself to private study of law and jurisprudence in the communist countries of eastern Europe.

Important Research Appointment



Dr. G. J. Parfitt
First department head appointed

DR. GILBERT JOHN PARFITT, Professor of dentistry at the University of Alabama, has been named the first department head in the faculty of dentistry at UBC.

Dr. Parfitt, 53, will head the department of oral medicine in the UBC faculty which plans to enrol its first class of students in 1964. Oral medicine is the study of diseases of the teeth and gums.

Dr. S. Wah Leung, dean of the faculty of dentistry, said Dr. Parfitt's appointment was a significant one because oral medicine is an area of major importance to dental health.

"We feel singularly fortunate," said Dr. Leung, "in having attracted a scientist of the calibre of Dr. Parfitt to UBC. His research ability and clinical competence will make him a valuable member of the faculty."

Dr. Parfitt was born in Reading, England, and completed undergraduate training in medicine and dentistry at Guy's Hospital, London, England, from 1928 to 1938. He carried out postgraduate work in Dublin, Ireland.

He holds a fellowship in dental surgery from the Royal College of Surgeons and is a licentiate of the Royal College of Physicians. He also holds the degree of doctor of dental medicine from the University of Alabama.

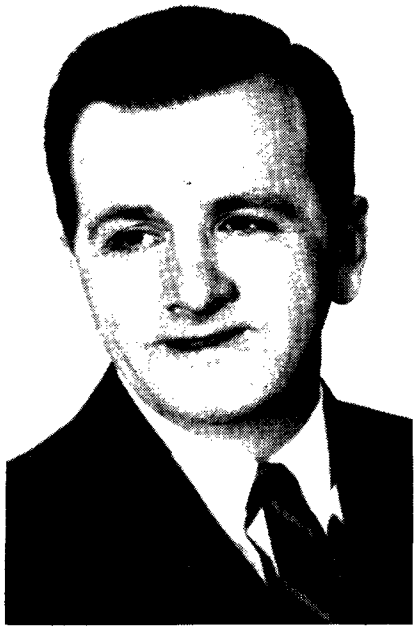
From 1935 until 1946 Dr. Parfitt was associated with the Guy's Hospital dental school as house surgeon, demonstrator of operative dental surgery, and registrar of the orthodontic and children's department.

In 1946 he was named director of periodontal and preventative dentistry at Guy's Hospital dental school, and in 1949 senior lecturer and head of the preventative dentistry department in the Institute of Dental Surgery, British Postgraduate Medical Federation.

In 1955 Dr. Parfitt went to the United States where he joined the faculty of the University of Alabama school of dentistry.

He has had extensive international experience as a dental consultant and is a member of numerous professional and learned societies.

Dr. Parfitt's research interests are in the causes of the breakdown of the supporting tissues of the teeth, and studies of oral health problems in specialized groups.



Dr. Rothstein

Our precocious Library School

UBC'S SCHOOL OF LIBRARIANSHIP, the newest professional school in the University, has "come of age" only eighteen months after enrolling its first class. It has just been accredited by the American and Canadian Library Associations and thus joins the select group of library schools officially recognized by the profession in both countries as fully meeting highest standards of graduate education in librarianship.

The accreditation of library schools is comparable to the certification made of other professional curricula such as those of law, medicine and social work, by their appropriate professional associations. It is tantamount to a "seal of approval", and libraries of high standing will normally accept only graduates of accredited library schools for professional employment. By virtue of its accreditation, students from the UBC School of Librarianship thus become eligible for placement in the best Canadian and American libraries.

Accreditation was awarded on the basis of a detailed evaluation of the School's curriculum, students and faculty, including a visit of inspection in November, 1962, by external examiners from Chicago, Seattle and Regina. Several hundred institutions in North America offer programmes of library education, but UBC is only the thirty-fifth to have gained accredited status and the third in Canada. Since this recognition is normally achieved only after some years of operation, it is also a matter of special pride that the UBC School of Librarianship has been accredited in the minimum permissible time.

Student Summer Employment

UNIVERSITY OF BRITISH COLUMBIA students earned a total of $9,392,500 at summer jobs in 1962, according to statistics released by UBC's personnel and counselling bureau.

But only 17.1 per cent of the 13,505 students reported earnings of $1200 or more. UBC officials cite $1200 as the minimum figure for meeting all expenses at UBC including room and board, for one year.

If the 13,505 students who reported summer earnings had each earned $1200 they would have amassed a grand total of just over $16,000,000, according to John F. McLean, director of UBC's personnel and counselling bureau.

While total and average earnings per student were generally higher in 1962 than in the previous year, Mr. McLean notes, the number of students who did not work at all or who earned less than $200 adds up to about a quarter of the total student body.

This reflects, said Mr. McLean, the growing difficulty of students in obtaining summer employment.

Other statistics on the occupational goals of students show that more than 25 per cent of UBC's enrolment plans a career in teaching either at the university or public and secondary school levels.

The number of students planning careers in architecture, dentistry, and the armed services has increased considerably, the report says, while the number planning to enter engineering continues to drop.

A total of 1,763 students — about 13 per cent of UBC's enrolment — are married, and more than half of those have children; 440 married students have one child, 327 have two, 166 have three, and 66 report four or more.

Library Commission Grant

THE UNIVERSITY of British Columbia has received a grant from the provincial Public Library Commission to conduct a study which will make recommendations about future development of public libraries in B.C.

An initial grant of $3000 has been made to begin the study, which will be directed by Miss Rose Vainstein, associate professor in UBC's school of librarianship.

Miss Vainstein will visit all of B.C.'s 65 public libraries in conducting the study, which will take 18 months to complete.

Dr. Samuel Rothstein, head of UBC's school of librarianship, said the main purpose of the study is to look to the future and to propose more effective ways of making library services available on a province-wide basis.

Miss Vainstein, who has just completed a survey of public libraries in the Victoria area, is particularly well qualified to conduct the survey, Dr. Rothstein added, in view of her former position as the public library specialist in the U.S. Office of Education in Washington, D.C.

The provincial government is underwriting the costs of the study through the provincial Public Library Commission.

Undergraduate News and Views

By FRED FLETCHER

AN EXPERIMENT of some importance to Canadian university students was recently completed at UBC.

It is impossible at this stage to tell whether the experiment is a success or a failure. It is clearly, however, a risk.

Defying the O'Leary Commission, Arnold Edinborough and the economic facts of life, the Alma Mater Society has taken it upon itself to accept the financial risk involved in publishing a national magazine for Canadian university students.

The pilot edition of the magazine, *Campus Canada*, went on sale at the end of February. The 64-page magazine is published by the National Federation of Canadian University Students.

Leading this safari into the jungle of Canadian magazine publishing were the magazine's co-ordinator of production, Ed Lavalle, a commerce student who is also second vice-president of the student council, and this writer, who was tapped as editor. With the help of a panel of professors and a staff of students, we have set up nation-wide distribution and promotion systems and formed a magazine out of a vast mass of contributions from universities across the country.

Except for the printing, *Campus Canada* is student produced. Editing, layout, photography and artwork were all done by students.

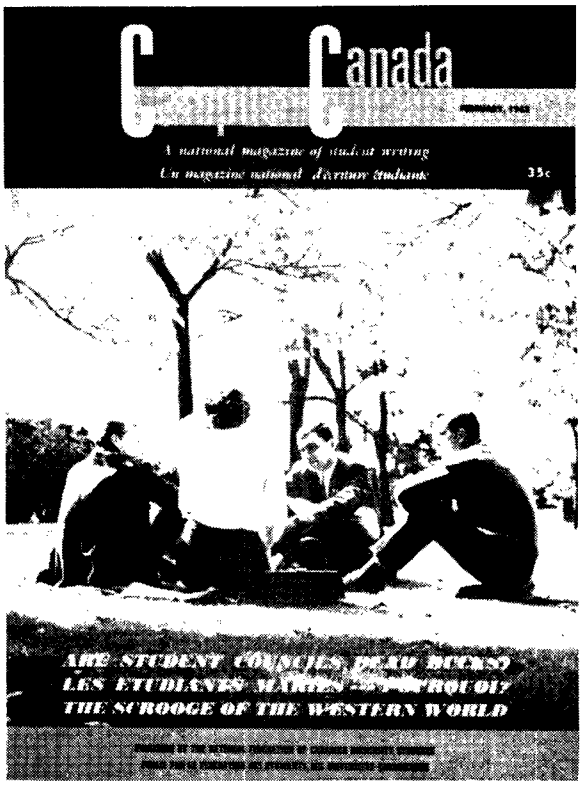
The magazine's format is designed to appeal to almost everybody, although the first press run is only 10,000 copies. (This is one-tenth of Canada's student population). Included are 20 poems, penned by the nation's best student poets, four top short stories and some two dozen articles.

Thirty per cent of the material is in French, and it includes everything from an article on student marriages to one on the need for provincial autonomy.

English writers complain about student government in Canada, Canada's foreign aid policy, engineering students' reluctance to take arts courses and so on. A student at a university in the Maritimes gives a first-hand account of Cuba just before the revolution.

The big question is: Will students pay 35 cents for a good quality general

- Campus Canada
- Southam Trophy
- Student politics



Cover of new magazine shows familiar scene on UBC campus under our inviting catalpa trees

interest magazine produced solely by other students?

If they won't, the magazine will die, just as many other Canadian magazines have died, in childhood. Some students at UBC, this one in particular, are hoping they will buy.

They are hoping also that the general public will buy. Here's the sales pitch: *Campus Canada* may be purchased in the Alma Mater Society offices, Brock Hall or purchased by mail in lots of 25 or more at 35 cents per copy. Individual orders can be filled only if an additional dime is included for handling. Address is: CAMPUS CANADA, SALES, Brock Hall, University of B.C., Vancouver 8.

* * *

Most of the staff for *Campus Canada* was borrowed by this ex-editor from the staff of *The Ubyssey*, which is loudly proclaiming its supremacy among Canadian student newspapers these days.

The paper has the goods to back up its claims. These goods include three trophies which the editors have safely tucked away since winning them at Christmas.

The paper scored an unprecedented triple sweep in the Canadian University Press annual awards competition.

It won:

- the Southam trophy for general excellence among college papers publishing more than twice a week;
- the Bracken trophy for the best editorials among all 26 papers;
- the Montreal Star trophy for the best news photos. (This award was won almost single handedly by photo editor Don Hume who also, incidentally, takes pictures for the *Chronicle*).

In addition the paper placed third in the features contest for the Dr. Norman MacKenzie trophy.

The Ubyssey has a staff of about 50 students. Some dozen of these have had professional newspaper experience. Editor-in-chief is arts student Keith Bradbury. The paper also won the Southam Trophy last year.

* * *

Student politics were a little livelier than usual this year.

Revolutionary parties hit both the Model Parliament elections and the student council elections.

A group called the National Socialist Credit Party (Nazicred) campaigned for a write-in vote for model parliament.

Its platform: bridge-free tolls, remilitarization of Spanish Banks and power for the right people. Its insignia: a swastika over a dollar sign.

Party leader Mike Sharzer called for a write-in vote after Parliamentary Council officials refused to recognize his group. Officials said they would ignore a write-in.

A group calling itself the National Non-conforming Calathumpians fielded a full slate of three candidates for top student council posts, preventing acclamations for two of them.

Its platform: no red tape, no experience, no platform.

Its insignia: an unidentified flower. It also had a slogan: Vote in a lump; vote Calathump.

"Calathumpian philosophy," says president Mike Horsey, an arts student, "is a bond that unites all men—while believing in the equivocal supremacy of individualism."

* * *

President John Macdonald's report on higher education for B.C. seems to have created little stir among undergraduates.

They have adopted a "wait-and-see-what - the - provincial - government - does-about-it" attitude. Its publication has at least postponed student agitation (which had become rather widespread) for a march on Victoria to demand that something be done about higher education before it reached the crisis stage expected by 1965.

The students, most of whom agree in principle with the recommendations, feel it's the government's move next.

* * *

The next big event for a large number of students will be graduation. If all goes well, the graduating class will walk off with its carload of sheepskins into jobs and postgraduate work.

When the big day comes, the editors of this publication will have to find someone else to express the views of the undergraduates.

With a little bit of luck, this hack will no longer be an undergraduate. And with a big bit of luck, he'll be off to greener pastures in search of a PhD.

Editor's Note:

FRED FLETCHER has been on the campus for five years, taking a double honours course in political science and English. He plans after further study to become a university teacher.

In addition to holding every editorial job on the *Ubyssey* during the last four years, this year—his final year—he was editor-in-chief of the new student magazine *Campus Canada* while remaining associate editor of the *Ubyssey*. For the last three issues he has been *Chronicle* campus correspondent, and on request wrote an article for our Winter number about Roger McAfee, the editor of the *Ubyssey* when it won the Southam Trophy last year.

The *Ubyssey* reporters are among his admirers; they say "he never gets below an 82!"

The *Chronicle* staff wish him well.

By now most Chronicle readers will be familiar with the recommendations of the Macdonald Report on Higher Education in British Columbia, as well as with subsequent debate. Clarification, rather than criticism, is the object of . . .

Quizzing the Macdonald

Q: There has been some confusion about whether Victoria would have a university or a college. What is the distinction?

A: Traditionally on the North American continent the term *university* applies to institutions of higher learning which provide not only a wide range of undergraduate courses and professional programmes, but also substantial offerings at the post-graduate level. At its founding the University of British Columbia did not offer such advanced programmes, yet it bore the name *university*. In view of the fact that Victoria College has now undertaken a programme of expansion in its academic offerings, it seems very likely that it will shortly qualify as a university as defined above. In consequence, we see no reason why the term university should not apply to Victoria College, particularly in view of its long history and its level of academic achievement.

Q: Would there be flexibility of choice, or would students be forced to go to a specified institution?

A: The Macdonald Report does not envisage the allocation of students to universities and colleges by regions. Students would have complete freedom to apply for admission to any institution in the Province. Because it may be necessary for the University of British Columbia to restrict its numbers, not all students who apply will be admitted. The regulations established by the Senate of the University now control admission on the basis of the academic achievement of the student. The decision as to which students will be accepted rests entirely with the institution to which the student applies: each institution in the new system envisaged for higher education will be autonomous. In the case of UBC, the Senate has complete authority in this area. Naturally, students who wish to pursue courses in specialized areas may not find these available to them at *all* institutions in the Province; e.g. Chinese, music, Polish, engineering, law, medicine and dentistry. In some cases such courses will not be given because qualified staff will not be available or because of the costs involved.

Q: If regional institutions are to be autonomous, how will entrance requirements be standardized and academic excellence preserved?

A: Each institution will set its own entrance requirements. The report does not envisage uniformity of standards or courses. What must be guaranteed is the standard of excellence within the framework of the aims and goals established by particular institutions. *Minimum* academic standards for all institutions of higher education in the system will be guaranteed by the Academic Board, which is treated at some length in the report. Having met the basic requirements established by the Academic Board (which is, in fact, an accrediting agency), an institution would be eligible for public financial support.

Q: The report stresses the objective of excellence. How would the new colleges be provided with the first-rate staff essential to this aim?

A: The only way in which smaller institutions could compete for competent staff would be to offer a programme which is unique and which would provide opportunities in contrast to those of a large university. Smaller institutions could attract very able students and professors by providing courses and facilities of a distinctive character: small classes; close personal contact between students and professors; seminar education; inter-disciplinary studies, and so

Eric Nicol quizzes some of the group who worked with the President on the Report, Dr. Jennings, Dora Hart and Ron Jeffels

Report

on. In any event, it must be remembered that this problem of staffing is the gravest issue facing us in higher education. There is a world-wide shortage of teaching staff, and the universities and colleges of British Columbia will be in direct competition with sister institutions everywhere. The staffing problems of the University of British Columbia over the next decade or more will be just as grave as those of any new college.

Q: Would the time of establishment of each of the colleges be dependent on the amount of money provided, or would the plan be to develop all institutions even with limited resources?

A: Whatever else is done, a four-year college at Burnaby must be established as soon as possible to avoid academic disaster on the campus at West Point Grey. This institution and this institution alone will relieve the pressures to which the University is now subject. The report recommends that regions, by pooling their resources, may establish colleges in temporary accommodation—i.e. with a minimal outlay at the beginning. One of the prime functions of the University Grants Commission will be to determine immediate priorities for expenditures involving capital development of new institutions. The report emphasizes that all the recommendations for the development of new institutions up to 1971 must be carried out if the immediate problem of numbers is to be met and solved.

Q: What about double taxation in some regions and not others? Would not the double tax fall on lower tax-base areas, for example Kelowna, though not Burnaby?

A: Whereas the University of British Columbia, Victoria College, and the new college at Burnaby would serve the entire Province, regional colleges would, in the first instance, cater to local needs and local aspirations. In all probability these institutions would serve students resident in the area. It would be economical to abandon the Grade XIII in the areas served by the new colleges, and this would result in substantial saving to the taxpayers. The funds now allocated to Grade XIII could be used towards the establishment of a regional institution. Moreover, the existence of a regional college in any area would do much to enhance the general level of the economy and culture, and this would be of immediate and direct benefit to local residents.

It is true that students who live in greater Vancouver or greater Victoria are in a preferred position. Taxpayers in these two areas contribute no more to the costs of higher education than residents, let us say, of Penticton or Trail. It is impossible to provide complete equality of educational opportunity particularly for young persons living in the more remote parts of the Province. In any system recommended there will be inequalities for certain individuals. It must be remembered, however, that since the new regional colleges will provide immediate benefits to local residents, municipal governments should be expected to bear at least a part of the capital and operating costs involved.

Q: In terms of total cultural experience, can the interior colleges hope to compete with those near Vancouver, where there is theatre, symphony orchestra, art gallery, etc?

A: Students attending universities and colleges in large metropolitan areas are always in a preferred

This is the group of people who gathered data and worked with the President in preparing the Report:

S. N. F. Chant, OBE, MA(Toronto), LLD(Brit.Col.), Psychology department, Dean of Arts and Science

Ronald J. Baker, MA(Brit.Col.), English department

John D. Chapman, MA(Oxon.), PhD(Wisconsin), Geography department

Geoffrey O. B. Davies, MA(Cantab.), History department

Walter G. Hardwick, MA(Brit.Col.), Geography department

Dora Hart, DipPE(McGill), Office of Academic Planning

Ronald R. Jeffels, CD, BA,BEd(Alta.), MA(Cantab.), Romance studies

Stephen A. Jennings, PhD(Toronto), Mathematics department

position culturally. However, the very presence of a regional college will do much to develop existing interests in the arts in various communities. It is unreasonable to expect that any fledgling college could immediately establish cultural standards equal to those found in large metropolitan areas. This will come with growth and maturity. Moreover, most of the major cities and towns in this Province already provide good facilities for persons interested in the arts, music, theatre and so on. These facilities will doubtless improve with time.

Q: The report appears to assume that it is desirable for students to be able to commute to college. One hour's driving time is mentioned as a determining factor in geographical location. Does this assume that the residential element of university life is unimportant?

A: Certainly not. Ideally every student attending university or college should be *obliged* to live in residence, for it is impossible to over-estimate the contribution made to a student's intellectual and social growth by living in residence. We must view the costs involved in higher education realistically. The recommendations in the report for the construction of *academic* buildings involve very substantial sums of money. Academic facilities must come first. Therefore, because of the emergency facing the Province in higher education, it does not seem reasonable to suggest that costs be further increased by recommending immediate construction of residences. These will come with time. For the student of modest income, living at home while studying often means the difference between going to college and not going to college.

Q: Will B.C. have the industrial and professional growth to absorb so many highly trained persons? May not the Province be subsidizing the East and the U.S. with brains?

A: British Columbia is not yet a highly industrialized province. However, major industries tend to establish themselves in areas where there is a supply of persons trained to undertake the many complex tasks associated with modern industrial methods. If we can supply such trained persons through new institutions of higher education, there will be a new impetus given to the commercial and industrial life of this Province. But it must be remembered that higher education is something more than the acquisition of professional skills. Education is the process whereby human beings are transformed so that they may grow in wisdom and knowledge, which will not only benefit the individual but also the society in which he lives.

Q: What can alumni do to stimulate implementation of the report?

A: Members of the alumni can exercise real initiative in local situations. They should be aware of the gravity of the needs in higher education, and wherever possible they should give guidance and leadership to others who are perhaps not aware of the goals of education. They should encourage regional co-operation, even though that may mean the yielding up of a measure of local pride and aspiration. Individual members of the Alumni Association should work through their Regional University Associations in order that they may make their views known and so work for the growth and development of higher education throughout the Province.

Editor's Note:

The Macdonald Report entitled, *Higher Education in British Columbia and a plan for The Future,* may be purchased from the University Bookstore, University of British Columbia, Vancouver 8, for $2.00. Please send the money with your order and the book will be mailed to you.

A 3,000 word summary of the Report, mimeographed, is obtainable, free of charge, from the office of the Alumni Association, Room 252, Brock Hall.

A First for Victoria College

After the official opening the Premier addressed the audience indoors. From left: Mayor Wilson of Victoria, Mrs. Wilson, President Macdonald, Judge Clearihue and Chancellor Ross

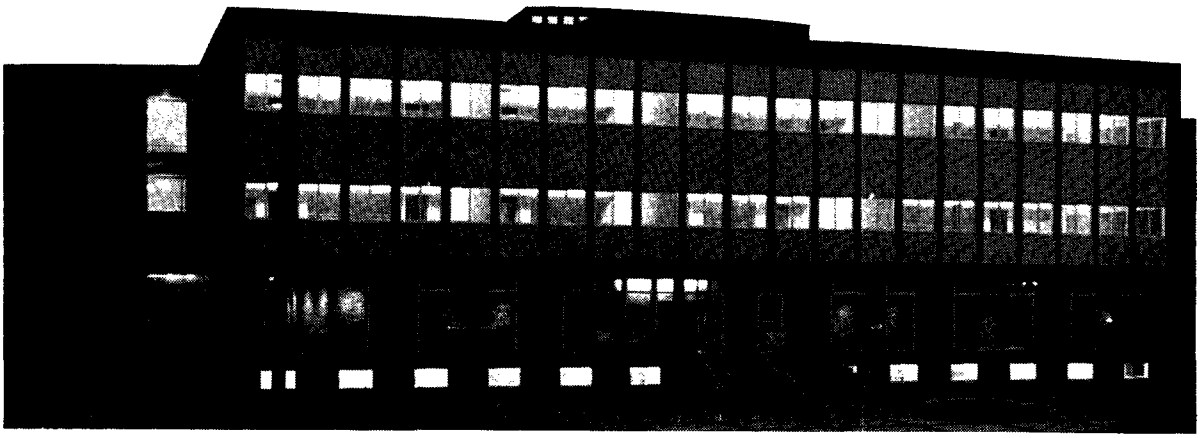
ON SEPTEMBER 5, 1962, the Clearihue Building, named in honour of Judge Joseph B. Clearihue, was formally dedicated by Dr. Claude Bissell, president of National Conference of Canadian Universities and Colleges. The classroom block, it is the first new building to be constructed on the Victoria College Gordon Head campus. It is located on the north side of the area that will become the main campus quadrangle.

The building is rectangular in shape with a spacious stair tower extending from each end of the main structure. One of the most attractive features is the glassed-in public area and promenade which surrounds the lecture theatres and administrative offices. The unique use of broken rock on the interior walls of the main floor will be repeated in the design of future buildings and landscaping.

The building, consisting of three floors and a basement area, is constructed of reinforced concrete. The exterior finish is of exposed concrete and pre-cast concrete panels, with a surface finish of marble aggregate set in coloured cement. At a later date the exposed concrete will be treated to complement the colour scheme of future campus buildings.

The Clearihue Building provides seating accommodation for 839 students in fifteen regular classrooms and two seminar rooms. The rooms vary in seating capacity from sixteen to ninety seats. The basement area, now occupied temporarily by the Curriculum Library, will provide additional classroom space when the new Library has been completed. The total floor space is 30,000 square feet and the cost of constructing the Clearihue Building amounted to $398,913.86, paid for from funds collected in Victoria College's development fund drive. Wade, Stockdill and Armour of Victoria were the consulting architects for the College.

Main floor promenade can be seen through window wall. Interior walls of broken rock show clearly in this photograph of new classroom block named for Judge Clearihue, member of Victoria College's first class when it was affiliated with McGill University



Mamie Moloney says there's only one word for this project of the University Women's Club of Vancouver—

Fabulous!

Mrs. B. E. Wales

AS PRESIDENT of the Vancouver University Women's Club Mrs. Wales will be the first hostess at its stately permanent home, "Hycroft," former residence of the late Senator and Mrs. A. D. McRae.

An outstanding student and well-known campus personality in her college days, Mrs. Wales was vice-president of the first class to graduate at the Point Grey site in 1926 and has been in charge of its class reunions ever since. She also took post-graduate work at McGill Library School and taught in Vancouver high schools as well as serving at the Vancouver public library.

The Vancouver branch of the University Women maintains two bursaries of $250 each at UBC as well as the Evlyn Fenwick Farris scholarship for $300, honouring its first president, Mrs. J. W. de B. Farris, who is still an active member. The Vancouver club also furnished a room in the first women's residence to be built on the Point Grey campus.

Currently the club has 630 members and is planning a membership drive at the end of March. Vancouver is a member club of the Canadian Federation of University Women and is affiliated with the international association, numbering among its members graduates from South America, Sweden and Austria as well as the British Commonwealth and the United States.

OVERUSE may have taken the fulsomeness out of "fabulous" but no other word better describes the Vancouver University Women's Club project of turning Hycroft into a permanent club headquarters.

Home of the late Senator and Mrs. A. D. McRae, the huge mansion, crowning Granville hill at 16th Avenue, has been a Vancouver landmark for 50 years.

Designed for an era of entertaining on a grand scale, Hycroft's more than 30 rooms included a ballroom, a bowling alley and an indoor swimming pool. It even had mushroom beds for household use in the basement of the recreation centre and an apiary on its roof.

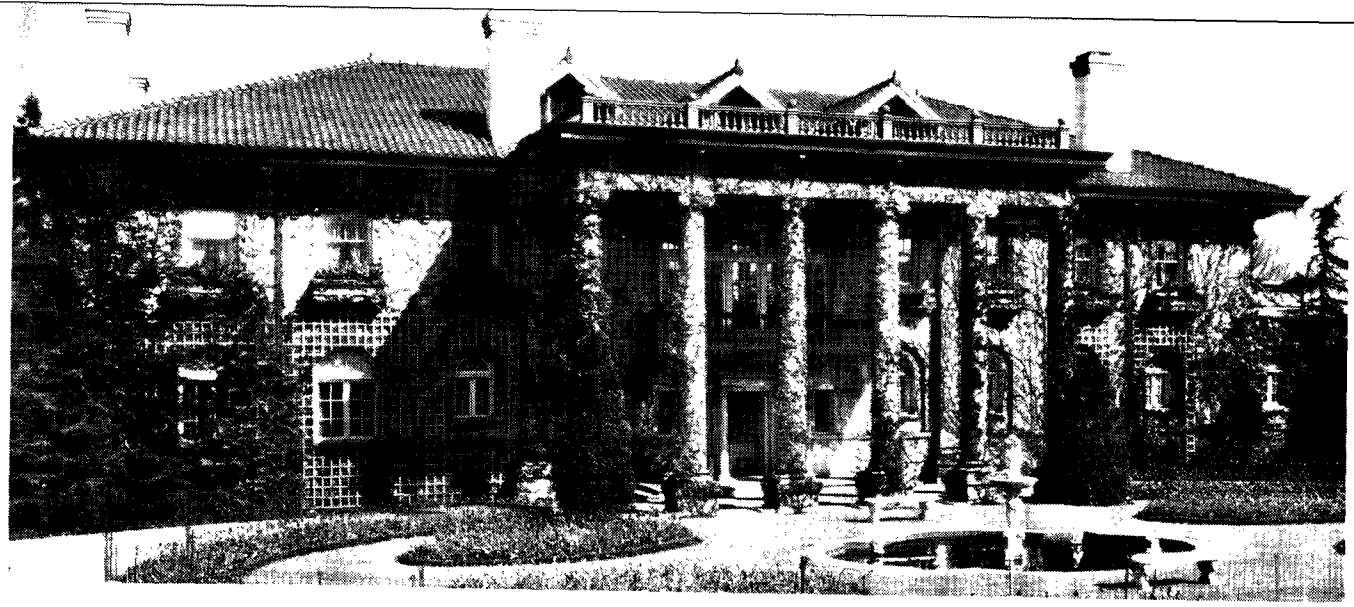
During the Second World War the McRaes turned their home over to the Department of Pensions and National Health as an annex to Shaughnessy Military Hospital. In 1960 the veterans moved out; it had too many stairs for the aging ex-soldiers.

In 1962 the University Women's Club bought Hycroft from the government with the purpose of turning it into a social and cultural centre. The most imaginative and ambitious project in the club's 64-year history, president Doris McKay Wales envisages Hycroft as the place of beauty and hospitality it was half a century ago.

A restoration committee under the guidance of Mrs. J. M. Mather and Mrs. O. R. Hougen has nearly completed the first long chore, that of re-roofing, re-piping and re-wiring the building. Another committee, headed by Mrs. Orson Banfield, is exploring the possibilities of Hycroft's gracious rooms, its classic terraces and still lovely gardens. Already, interested donors have contributed some fine old furnishings to start Hycroft back to the days of its glory. Club members are planning work parties to restore woodwork and re-plant flower beds.

Having won her spurs as Great Trekker, (she was a student in the Fairview shacks before moving out to UBC's Point Grey campus), Mrs. Wales is not daunted by the monumental task the university women have taken on. She hopes that within a year the hospitable doors of Hycroft will be opening wide again — not only to club members, but to other cultural and educational groups who may wish to rent its facilities and so provide the university women with funds for its upkeep.

Activities already envisioned at Hycroft are weekly teas, with music or talks, Saturday morning programmes for children, handcraft groups, receptions



Leonard Frank

for distinguished visitors to the city. "And," adds Mrs. Wales, "there have been beautiful weddings at Hycroft — and will be again!"

Inevitably over the years there have been some changes at Hycroft. The cupid statues splashing in the water of the fountain have vanished and the area will become a parking place for cars. The hidden chamber, behind its secret panel, became the business-like office of the hospital superintendent, and will be the club's office.

But the beauty of one of Canada's grand mansions remains mainly intact. Brocaded walls, carved white marble fireplaces, wall murals, beautiful woodwork, tiled conservatories, handsomely carved ceilings, all are being restored by the University Women's Club. The house contains 11 bedrooms, including three suites, each with a sun parlour on the upper floor; drawing room, dining room, library and various other rooms on the main floor, as well as the ballroom on a lower floor. In all there are 31 rooms for the club to make use of.

Symbol of a bygone era, Hycroft was turned over to the government in 1943 by Senator McRae with these words: "There will be fewer structures of this kind in Canada in future. Those more fortunate will have to share with others." And touchingly, "This was a happy home."

Senator McRae himself was symbolic of a flamboyant period in Canadian life. Born in Glencoe, Ontario in 1874, he went to Duluth at 21 and eight years later sold out a prosperous insurance and rural banking business. He returned to Canada and colonized thousands of acres in Manitoba and Saskatchewan, coming to live in Vancouver in 1907.

During World War I he organized supply and transport for the Canadian Army and then went to Britain to reorganize the British Ministry of Information. Returning to British Columbia after the war, he entered politics, was one of the first to use radio in an election campaign in 1921, and in 1926 won out over the late Gerry McGeer for a seat at Ottawa. He was appointed Senator in 1930 and died in 1946.

Leonard Frank

Paul Plant describes

What Makes a Good Alumnus — and a Good Alumni Association

GRADUATES gathered in Brock Hall on January 30th to meet some of the members of the 1963 graduating class and student leaders at the first student-alumni banquet, arranged by alumni for students. Alumni responded to the call to play host to a student, and the consensus of opinion was that it was a great success and should be repeated every year.

The purpose of the evening was to bring together alumni and students and inform them of the programme and objectives of the Alumni Association. Dr. Wm. C. Gibson, immediate past president, spoke on the historical role of the alumni volunteer at UBC, and Paul S. Plant, first vice-president of the Association, described the Association's work today. The text of his address follows:

Tonight, I have been asked to talk about Alumni activities. The Board of Management is involved in many areas that are relatively new to many alumni. I hope to show that these newer activities are justifiable in view of the current state of higher education in our province.

Contemporary Alumnus

Before discussing them let us define a contemporary alumnus. Our director, Tim Hollick-Kenyon, gave me this view:

"An alumnus, most would agree, is much more than simply someone who spent a period of time attending an educational institution. The emphasis today is on the relationship of the son to his Alma Mater . . . and the responsibilities that flow from that relationship.

It may be said, therefore, that an alumnus is, or should be:

A professional and personal success in his (or her) community.

An informed spokesman for his university.

A potential source of help to his fellow alumni.

A source of counsel to his university.

A financial supporter of his Alma Mater."

Let's see if the programme of our Alumni Association fits these criteria.

Broadly speaking there are two basic divisions of the alumni programme, fund raising and the non-financial activities.

Fund-raising

Financial aspects of the alumni programme need some elaboration at this time. As alumni we are called upon to support UBC from time to time in capital funds campaigns such as the Development Fund drive a few years ago. We are also called upon to support UBC in Annual Giving projects. The current Annual Giving campaign is under the chairmanship of Rod Macdonald. This year's principal objectives include continuation of the 42 Norman MacKenzie Regional Scholarships, money for athletics and recreational activities, the Library, and the President's Fund. Graduate students here tonight and alumni everywhere will soon learn more about the Annual Giving objectives this year.

The non-financial aspects of the Association's programme fall into five areas, all of them designed to interest alumni and enlist their participation.

First is the area of traditional activities. This Association publishes an extremely interesting and well-read alumni magazine, the *UBC Alumni Chronicle*. The Association puts on Homecoming, class reunions and the Annual Dinner. It supports and initiates social affairs throughout our network of branches around the world. From time to time it sponsors specific functions such as the recognition of President MacKenzie's recent retirement. It is in this first area that the Association calls upon the sentimental instincts of alumni. The office offers continuing service to individual alumni and does the leg-work needed to maintain its programme.

Second is the area wherein alumni involve themselves in University affairs. This Association supports a slate of 15 nominations to Senate at each Senate election. The Association is entitled to appoint from its board of management three representatives direct

to Senate, and in the past it has been customary to have an alumni spokesman appointed from Senate to the Board of Governors. It is hoped soon to see changes in the University Act wherein this Association will have direct representation on the Board of Governors. In the past interested women from amongst our ranks have been most successful in their efforts to establish women's residences. Their work continues through inspection of off-campus housing. Alumni representatives sit on the Development Council, the Extension Council, and from time to time, when requested, the Association establishes ad hoc committees to provide advice and to comment on specific areas within the administration of the University.

Continuing Education

Third is the area wherein we are involved in continuing education. This University has one of the best known extension departments in North America. Because of their excellent work the Association's responsibilities in this area are limited. However, the Association co-operates with them in the sponsorship of seminars focussed on the liberal education for alumni. In addition, it sponsors a lecture series at Homecoming, which last year was a tremendous success.

Student-Alumni Co-operation

Fourth is the area wherein we work with the students. This successful experiment tonight is one example of the way in which alumni participate in student activities. Association representatives sit on student athletic boards and alumni will always stand ready to co-operate with students, whenever asked, in any aspect of the athletics programme. In addition, the Association is privileged to send delegates to the Frosh Retreat, the Leadership Conference and most of the Academic Seminars. The Association co-operates with students in planning the Convocation Ball. Recently alumni have been asked to advise on ways and means of financing a new Student Union building. The Board of Management hopes to increase its emphasis in this fourth area of our programme. Undergraduates here tonight will soon be alumni. The strength of the Alumni Association is directly related to its success in awakening and sustaining your interest now before you graduate.

Here's where our chief work starts

Most Alumni Associations, when describing their activities, stop here, but I have found in the last few years this is really where this Association starts to work, for the fifth, and last area of our programme is the most extensive. The Board of Management has been concerned these past few years with the problem of acquainting the community of the needs in higher education. Today the Alumni Association stands prepared to show interested groups throughout the province how to implement the plans proposed to cope with the tremendous number of students soon to be knocking at the doors of schools and colleges offering post-secondary education. To help in this work the Association has supported the establishment of three regional groups, the Fraser Valley University Association, the Vancouver Island University Association and the Okanagan-Mainline Association. All these groups appoint representatives to the Board of Management.

Paul S. Plant, first vice-president, Alumni Association

In other areas in the province the Association is planning conferences from which will be established similar groups in Prince George and in the Kootenays. Alumni have taken the initiative and involved themselves in community affairs, because alumni responsibilities in this province at this moment extend beyond this campus. Not only must we help our fellow graduates to understand the problems besetting higher education, but also we must help them find ways and means of implementing the recommendations in the recently published *Macdonald Report*. Here is the challenge facing the alumni of this university. We must help to steer this great institution through the coming crisis in higher education and insure that its reputation and standards are maintained and improved.

It would appear then that alumni of this University can fit the definition I gave you earlier. Through the work of the association, alumni can be leaders, spokesmen, helpers, counsellors and financial supporters. But Alumni Associations are not static, they are essentially dynamic and must change to suit the continuing needs of their Alma Mater. I understand undergraduates here tonight have shown themselves to be responsible leaders in student affairs. It is inevitable that some day some of you will assume responsibility for alumni affairs and will mould the Association to fit the needs of the times.

In his inaugural address, Dr. Macdonald spoke of excellence and responsibility. Last month in an editorial in the *Chronicle* our Association president, Frank Walden, spoke of alumni rights and responsibilities. This Association needs your support to help us use those rights and responsibilities to maintain that excellence.

1963 Graduating Class Executive: (left to right) Gail E. Greenwell, social co-chairman, Hugh R. Large, vice-president, Harry White, president, Pat Gunning, secretary, Mitchell F. Welters, treasurer.

Welcome to the Class of '63 from the Alumni Association President

EACH YEAR the ranks of the Alumni Association are increased automatically by at least 2,000 people. Some in the new graduating classes will consider that they have achieved their final goals academically, and will be looking forward to other work in the community. For others their new degrees will be only a stepping stone to further academic work at UBC or some other university. Whatever the future holds, the Alumni Association welcomes the new members to its ranks and is annually grateful for the revitalizing influence of younger, newer points of view.

In order to familiarize you with the work of the Alumni Association, provision is made for all new graduates to receive complimentary copies of the spring issue of the *Chronicle* and of the three succeeding issues. After that, you stay on the subscription list by contributing to the Alumni Annual Giving Fund, which is seen as tangible evidence of your continuing interest.

UBC graduates find their way to every corner of the earth, and it is not unlikely that in the near future some of the more scientific types will find their way into space. We have no immediate plans for branch organizations out in space but for those others, the opportunity to meet and discuss University affairs is provided through numerous branches throughout British Columbia and Canada as well as by many groups meeting on a fairly regular basis in the major cities of the world. The branches are listed on page 42.

We are all aware of the need for additional higher education facilities in general to enable us to deal individually and collectively with the increasingly complicated problems of the day. There is no necessity to further emphasize our particular responsibilities as University graduates.

In welcoming new graduates to the Alumni Association, we hope that you will find in it a stimulating community of interest with those who have gone before and with those who will come after you.

FRANK E. WALDEN

Where You are Going and What You are Planting

GRADUATION ACTIVITIES get under way on Wednesday, May 29. The tree-planting ceremony takes place at 7:30 p.m. followed by the Baccalaureate Service at 8 in Brock Lounge. On Thursday, May 30, at 8 p.m., the Class Exercises will take place in the Auditorium.

Convocation Ball will be held at the Commodore on Friday, May 31, from 9 p.m. to 1 a.m. Two free tickets for each graduate are available at the Alumni office in Brock Hall. *Tickets will not be obtainable at the door.* Alumni and non-graduates may purchase tickets.

Information on all graduating class events may be obtained at the Alumni office (224-4366).

The 1963 graduating class will be planting a Dove tree. It will complete a group of five, situated just west of the Biological Science Building. Last year's graduating class planted one in the same group.

The Dove tree is also known as the handkerchief tree, or Kleenex tree, because the tree bears square white bracts that flutter.

Chinese in origin, the Dove tree is still uncommon although the University has distributed seeds all over the continent. For years the botany department gathered seeds from a fine specimen in the garden of the late W. H. Malkin on Marine Drive. The tree is no longer there since the property has been subdivided.

The best example left is on the triangular property at the corner of 49th Avenue and Marine Drive, on the Marine Drive side of the house.

Ask Your Representative

FOR YOUR CONVENIENCE we list below the names of the graduating class representatives in each faculty.

If there is anything you want to know about the festivities and ceremonies of the Spring Congregation in which you as a graduate will be taking part, ask your representative.

AGRICULTURE	Bayne Vance
ARCHITECTURE	Trevor N. Larden
ARTS	Barbara A. G. Bennett
	Susan Dingle
	Lewis W. Hunter
	Hugh R. Large
COMMERCE	William A. Climie
	Frank J. Hastings
EDUCATION	Kathleen E. Hobson
	W. Roy Nutter
ENGINEERING	Ronald D. Parker
	Harry White
FORESTRY	Donald G. Frood
HOME ECONOMICS	Patricia M. Beggs
LAW	Mitchell F. Welters
NURSING	Patricia Gunning
PHARMACY	Richard Sparks
PHYSICAL EDUCATION	Henry R. Loewen
SCIENCE	Robert D. McAlpine
	E. Catherine Swan
SOCIAL WORK	Gail E. Greenwell

Representatives for medicine and librarianship had not yet been chosen at the time of going to press. Ask a member of the executive.

Don't MOVE without telling us!

ALL GRADUATING STUDENTS are given a postcard to be returned to the Alumni office with their new mailing address. It is very important that you advise Alumni Records of each subsequent move you make so that you may continue to receive news about the University, your friends may find you when they ask us, and you can vote.

Each graduate becomes a member of Convocation, and is entitled to vote in Senate elections and the election of the Chancellor. If we cannot mail your ballot, you cannot vote.

So *please* keep us informed, both where you are and what you are doing. A "good" address is good business. Good luck on your next move!

YOUR SENATE ELECTIONS

Mrs. F. M. Ross elected Chancellor by acclamation for 1963-66 term

Phyllis Ross, CBE, MA, LLD

AT ABOUT THE TIME readers receive the *Chronicle* they will also have in the mail from the University Registrar a packet of papers containing a ballot on which each member of Convocation may vote for the Chancellor and for fifteen members of Senate. The votes are counted on May 21, and those who have been elected to Senate will take up their duties in September for a three-year term.

The Board of Management urges all members of the Alumni Association to take seriously the responsibility placed upon them by the University Act in the matter of electing Senate, the body which presides over the academic fortunes of UBC.

The Board of Management has proposed 15 names for Senate, for your consideration. In so doing they are carrying out one of the objects of the Alumni Association stated in our Constitution:

> To encourage interest among the graduates of the University of British Columbia in elections to the Senate of the University of British Columbia; to encourage nominations so that there are sufficient nominations to cover all vacancies in such elections, and also that there are included in such nominations persons who, in the opinion of the Executive, are representative both occupationally and geographically of the various interests of the Province of British Columbia.

The fifteen people selected have been active in Alumni work throughout the province, and they have agreed to stand for election. Their places of residence insure representation on Senate for most regions in British Columbia.

It should be made clear that this list of nominations in no way prevents any member of Convocation from being nominated by any other three members. The Board of Management by its action has insured that there are sufficient nominations to cover all vacancies.

The first Senate, in 1914, was notable for the wide geographical distribution of the elected members, according to *Tuum Est: A History of the University of British Columbia* (p. 45). At that time there were six members from outside Vancouver, two from Victoria and one each from Summerland, Nelson, Trail and New Westminster. In the years since, the other regions of the province were not adequately represented until 1960 when the Board of Management, by its efforts, redressed the balance, when seven out-of-town graduates were elected, two from Victoria, and one each from upper Vancouver Island, Powell River, the Okanagan, the Kootenays and the Fraser Valley.

Because there are now thirty representatives of University faculties on the Senate (ten deans and two members from each of ten faculties), the Alumni Board of Management is adhering also to its policy of not nominating graduates who serve on the University staff.

The Senate totalled 35 members for many years. Now it numbers 65,—but the Convocation representation has remained unchanged at 15 members. The Alumni Board of Management believe it is more than ever important that a province-wide University should have geographical representation.

Complete List of Senate Nominations

Thirty-eight nominations have been received by the Registrar for 15 Senate seats. Listed first are the names that were submited individually.

On the next page are listed nominations by the Board of Management of the Alumni Association.

East Kootenay

J. Vernon Murray, BA'29, MD(Tor.)	Creston

Okanagan-Mainline

Mrs. Lawrence N. Bruce, BA'42 (Barbara Spencer)	Kelowna
Arthur P. Dawe, BA'38	Okanagan Mission

Vancouver Island

H. L. Keenleyside, BA'20, MA'21, PhD(Clark), LLD'45	Victoria

Lower Mainland

Mrs. H. F. Angus, BA'23 (Anne M. Anderson)	Vancouver
Kenneth Caple, BSA'26, MSA'27	Vancouver
Ian McTaggart Cowan, BA'32, PhD(Calif.)	Vancouver
Clarence J. Frederickson, BA'33	New Westminster
Sydney M. Friedman, BA, MD, CM, MSc, PhD(McGill)	Vancouver
R. R. Jeffels, BA, BEd(Alta.), MA(Cantab.)	Vancouver
Joseph E. A. Kania, BASc'26, MASc'28, PhD(MIT)	Vancouver
John L. Keays, BA, BASc'41, PhD(McGill)	Vancouver
Alex B. Macdonald, BA'39, MLA	Vancouver
Malcolm F. McGregor, BA'30, MA'31, PhD(Cincinnati)	Vancouver
Eric P. Nicol, BA'41, MA'48	Vancouver

Barnett Savery, AB(Wash.), AM, PhD(Harvard) — Vancouver
T. M. C. Taylor, BA'26, MS(Wis.), PhD(Tor.) — Vancouver
David W. H. Tupper, LLB'48 — Vancouver
Frank A. Turnbull, BA'23, MD(Tor.) — Vancouver
Hon. Mr. Justice David Verchere, BA'26 — Vancouver
Harry V. Warren, BA'26, BASc'27, BSc, DPhil(Oxon.) — Vancouver
Charles C. Watson, BA'33, MA'36 — Vancouver
Arnold Webster, BA'22, MA'28 — Vancouver

Nominated by Board of Management

Central B.C.

C. M. Campbell

Mrs. C. D. Stevenson

Charles M. Campbell, BA, BASc'38 — Bralorne
Mrs. C. Douglas Stevenson, BA'27 (Anne Mackenzie) — Williams Lake

Vancouver Island

Willard Ireland

J. Stuart Keate

D. R. Williams

Willard Ireland, BA'33, MA(Tor.) — Victoria
J. Stuart Keate, BA'35 — Victoria
David R. Williams, BA'48, LLB'49 — Duncan

Okanagan-Mainline

Mrs. H. J. MacKay

G. J. Rowland

Mrs. H. J. MacKay, BA'38 (Mary Gibson) — Revelstoke
Greville J. Rowland, BA'29 — Penticton

Lower Mainland

G. E. Baynes

R. M. Bibbs

Mrs. A. W. Fisher

G. E. (Ted) Baynes, BASc'32 — West Vancouver
Richard M. Bibbs, BASc'45 — West Vancouver
Mrs. Alex W. Fisher, BA'31 (Lois Tourtellotte) — Vancouver

West Kootenay

J. V. Rogers

J. Victor Rogers, BASc'33 — Trail

Fraser Valley

G. C. Hacker

G. Cecil Hacker, BA'33 — Abbotsford

D. F. Miller

P. J. Sharp

James Sinclair

Donovan J. Miller, BCom'47, SM(MIT) — Vancouver
Peter J. Sharp, BA, BCom'36 — Vancouver
Hon. James Sinclair, BASc'28 — North Vancouver

Office of the President

THE UNIVERSITY OF
BRITISH COLUMBIA
VANCOUVER 8, CANADA

Dear Graduate:

On behalf of the University, I wish to express my sincere thanks to every member of the Alumni for the support of our work through the Alumni Annual Giving campaign in 1962.

If we are to meet the serious problems in higher education during the years that lie ahead, this University must be sustained and supported by many sources: governments, industry, corporations, and private individuals. By showing your willingness to further the work of the University, you set an example which other persons and agencies may well emulate.

I am impressed by the significant contribution made by graduates to the life and welfare of the University since its founding, and I wish now to thank each of you for again demonstrating your continuing interest through the 1962 Alumni Annual Giving campaign.

Yours sincerely,

John B. Macdonald

BK

REPORT *Alumni* ANNUAL GIVING

Alan Eyre Reports

First, may I express the thanks of the 1962 Alumni Annual Giving committee to all those who contributed, for it is they who made the campaign a success.

We raised $36,749.55 from 2,527 alumni, compared with $30,079 from 2,167 alumni in 1961. Of the total number of alumni 10.8 per cent participated, up from 9.8 per cent the year before, and the average donation increased to $14.54 from $13.88.

In the four years since the close of the Development Fund drive, AAG has more than doubled the dollars they have collected and almost doubled the number of donors.

The board of management of the Alumni Association has again decided to allocate the largest share of the funds collected to high school students entering the University of British Columbia and Victoria College. Forty-two scholarships of $300 will again be available, one for each of the province's forty-two constituencies. These scholarships are named in honour of Dr. Norman MacKenzie, president emeritus of the University.

This year the Association set up a new category for the allocation of donations, the proposed Student Union building, and initiated it with a gift of $1,000. The announcement by the Alumni Association president, Frank E. Walden, at the student-alumni banquet on January 30, was enthusiastically received by the students attending.

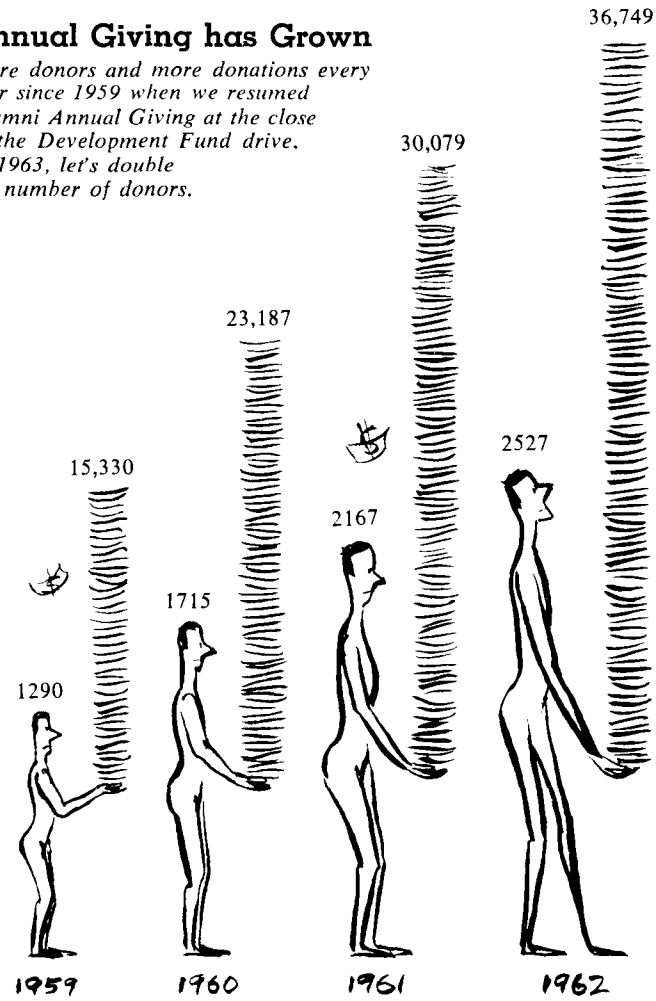
Other allocations were $3,000 each for the Library, Victoria College and athletics and recreation facilities, and $9,284.06 for the President's Fund.

A large portion of the funds for athletics and recreation facilities will go to the UBC rowing team. The President's Fund is at the disposal of the University President, Dr. John Macdonald, to use for some of his many pressing demands.

Again may I express my thanks for all who supported the 1962 Alumni Annual Giving campaign, especially including the members of my committee. Alumni Annual Giving is a very necessary adjunct to the modern tax-assisted university. Without such support it is hampered in its pursuit of excellence.

Annual Giving has Grown

More donors and more donations every year since 1959 when we resumed Alumni Annual Giving at the close of the Development Fund drive. In 1963, let's double the number of donors.



Degree

Arts
Applied Sci
Commerce
Education
Law
Agriculture
Social Work
Home Econ
Science
Forestry
Pharmacy
Nursing
Medicine
Physical Ed
Architectur
Librariansh

Last Year 2500 Donors Gave $36,000

The 1962 Alumni Annual Giving raised $36,749.55 from 2,527 alumni. This money was raised primarily by a major mail campaign to all alumni in the month of June. A follow-up campaign to the non-donors came at the end of November.

The June campaign raised over half the money received, with a well-designed brochure. The major emphasis was on an appeal for funds for scholarships in tribute to Dr. Norman MacKenzie, who retired at the end of June as President of the University of British Columbia. Credit for the design of this handsome brochure must go to Rae Haines of James Lovick & Co., who devoted many long hours to the design. The brochure was lithographed by Smith Lithograph.

The November follow-up was a card mailing which contained a message from Dr. John B. Macdonald. This campaign resulted in a quarter of the gifts received during the year.

During the year, there were some special appeals made. A special appeal was made to the graduates of 1960. These new graduates received the *UBC Alumni Chronicle* on a non-contributing basis for one year. After one year, they were sent a notice informing them that only donors receive the *Chronicle*. There was a strong response by the 1960 class, as can be seen by the graph.

A similar appeal was made to other graduates deleted from the *Chronicle*

May the Number of Donors Increase in 1963!

Already 172 donors this year, compared with 98 in January of last year, —up 75%.

Of the 41 members on the Alumni Association board of management, 40 have already contributed to the 1963 Alumni Annual Giving campaign.

Alma Mater Society has enthusiastically endorsed an appeal to this year's graduating students.

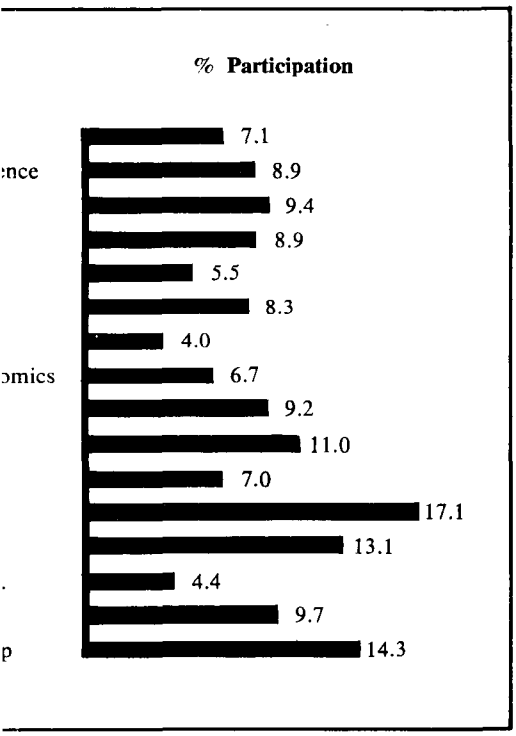
Alumni Annual Giving for 1963 is off to a good start. This year the chairman, Rod Macdonald, is aiming for a big increase in the number of alumni donors. The emphasis is not on *how much* but on *how many* of us will give.

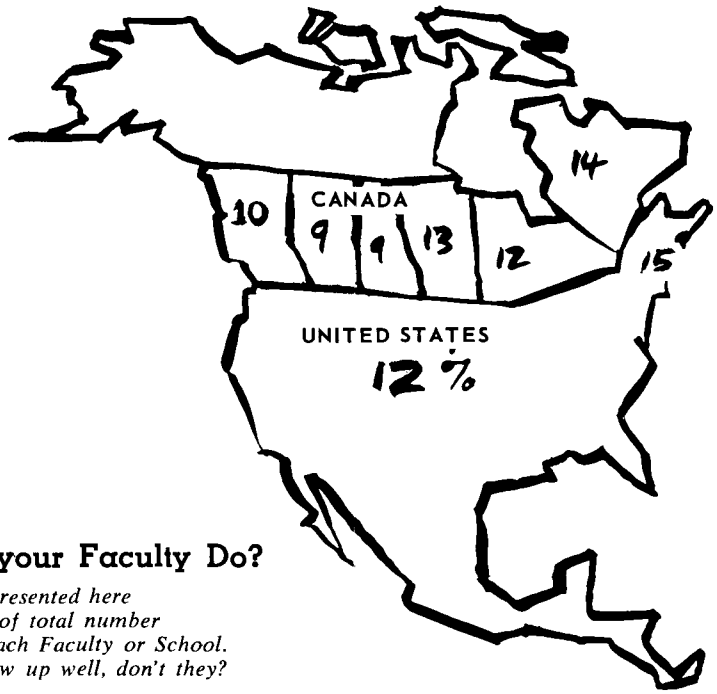
Analysis of previous AAG campaigns has turned up some interesting information, displayed on these pages.

The 1963 campaign will have as specific objectives the President's Alumni Fund, Norman MacKenzie Alumni Scholarships, Friends of the Library, athletic and recreational facilities, Victoria College, Student Union building, Frederic Wood Theatre Foundation, Student Winter Sports Arena.

These are suggested allocations only. As in the past, alumni may send their donations unallocated; or they may contribute through Alumni Annual Giving to any and every special project or area of the University which they wish to support.

R. W. Macdonald





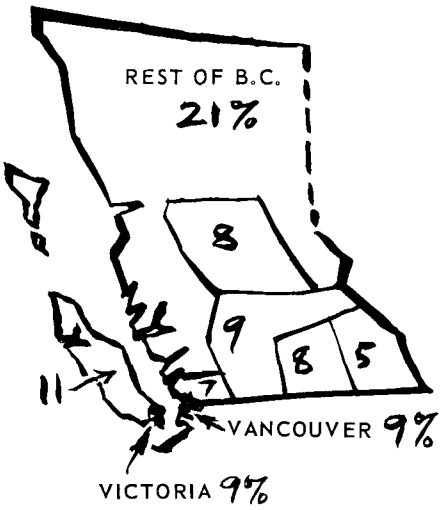
In 1962 How Did your Faculty Do?

Donors are represented here as percentages of total number of alumni of each Faculty or School. The nurses show up well, don't they?

mailing list because they failed to continue their annual habit of giving. Many responded, as they did not wish to miss any issues of the *Chronicle*.

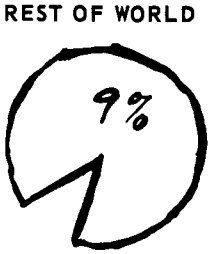
A special experiment was tried on a limited personal solicitation basis. A group of alumni from various years were selected and they were asked to canvass, coincidental with the main mailing, some of their alumni classmates. Their efforts, no doubt, brought new names to our roll of active alumni.

Alan Eyre, as AAG chairman, planned both the 1961 and 1962 campaigns. The Alumni Association executive expressed their appreciation to Mr. Eyre for his contribution to AAG in a vote of thanks at their January meeting.



Participation by Areas

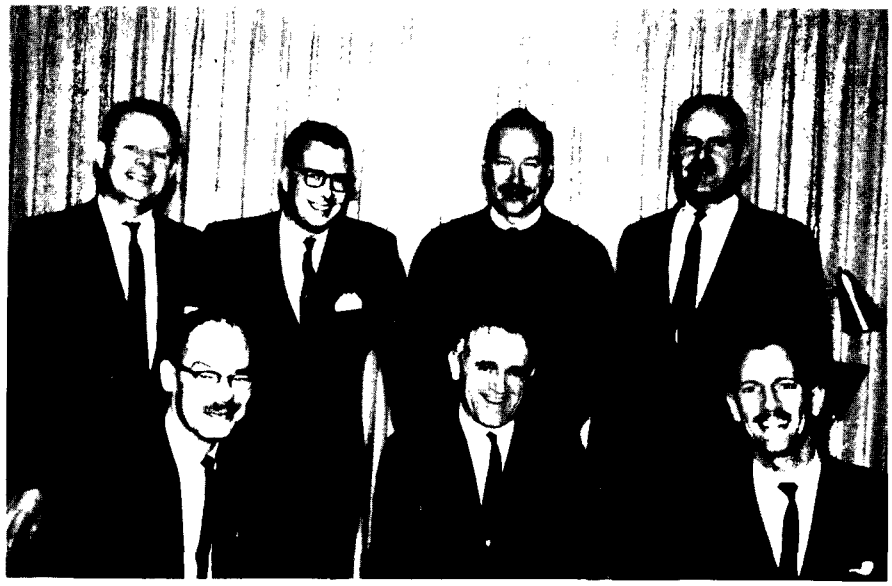
Maps show 1962 percentages of donors to total number of alumni resident in areas.



Friends of UBC, Inc.

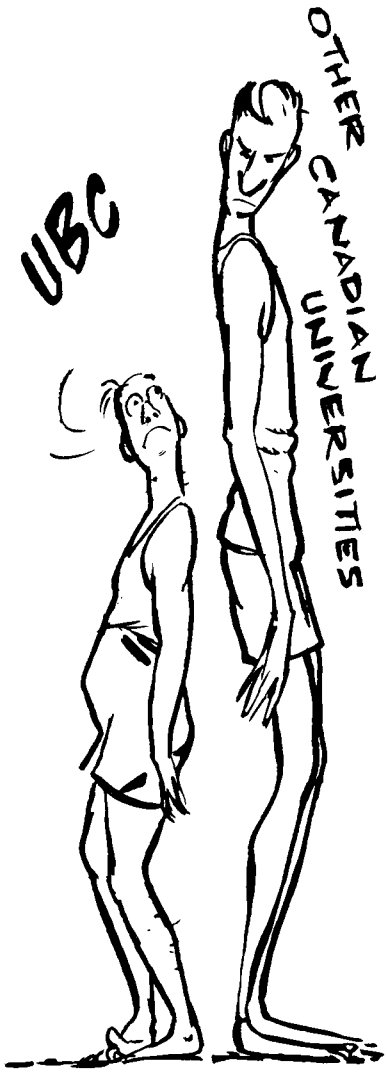
Friends of the University of British Columbia, Incorporated, held their annual meeting in Bellevue, Washington, on January 23, 1963, and approved the transfer of over $30,000 to the University of British Columbia. Amount transferred was the total collections of dollars plus the value of share certificates received by them in 1962.

Funds were raised for the Alumni Annual Giving campaign, UBC Development Fund and other funds at the University. It was pointed out that one purpose of the Alumni Annual Giving portion is to provide scholarships for American students to attend UBC, and hope was expressed that this programme would strengthen understanding between our two countries. Friends of UBC, Inc. provide scholarships of $250 per year for this purpose.



Trustees, Friends of UBC, Inc. Front: Frank Johnston, Stan Arkley, pres., Bill Rosene. Back, Bob Boroughs, Gordon Thom, Dan Young, Ed Senkler

How Do We Compare? "Figures show . . ."



The figures shown below were reported to the American Alumni Council and published in *AAC: Annual Giving and Alumni Support 1960-1961.*

In 1961, 23,000 UBC alumni were solicited, of whom 2,167 contributed, or 9.8% of the alumni, contributing an average gift of $13.88.

In 1961, 125,534 alumni of eleven Canadian universities (reporting to AAC) were solicited, of whom 29,231 contributed, or 23.3% of the alumni, contributing an average gift of $26.32.

In 1961, in the USA, the alumni of 144 public higher education institutions (reporting to AAC) were solicited, of whom 15.1% participated with an average gift of $23.42.

What You Gave To

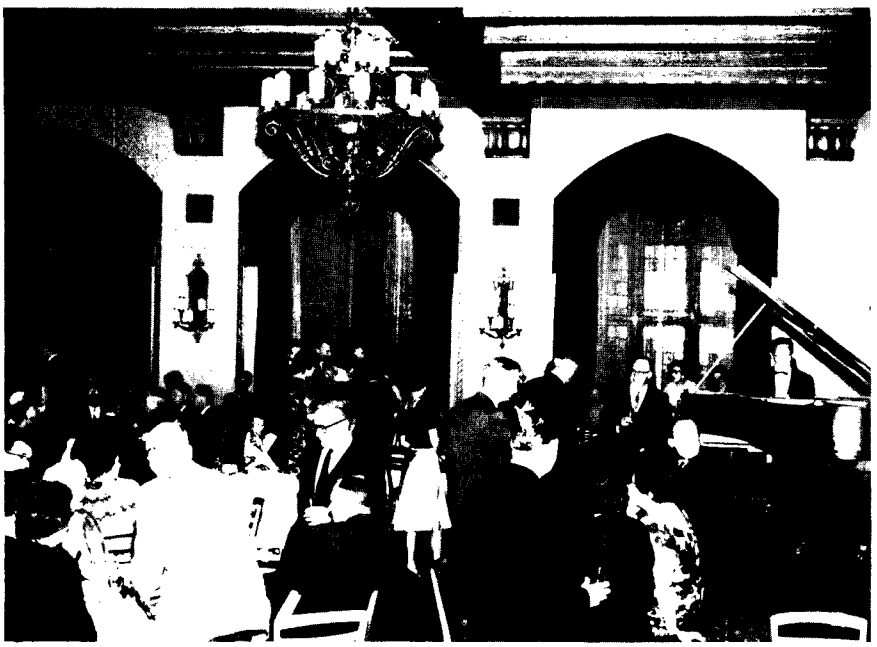
Alumni Annual Giving is not the only way in which alumni support their alma mater. Alumni contributed in excess of $100,000 to the University in 1962.

Money given by alumni for scholarships sometimes comes in through AAG but is generally given direct to the University. Alumni also contribute on their pledges to the Development Fund and to special appeals like Friends of Agriculture, Friends of the Library and the Dal Grauer Memorial Fund. The attached table shows the distribution of alumni giving to the University:

Alumni Annual Giving	36,749.55
Development Fund, etc.	33,656.32
Scholarships, etc.	33,786.84
TOTAL	$104,192.71

What You Gave For

Allocation	No.	Amount
Scholarships		
—MacKenzie Regional	698	$10,631.07
—American	83	1,818.36
President's Fund	280	4,313.81
Library and Friends of the Library	182	2,268.53
Victoria College	138	1,791.36
Athletics and Playing Fields	75	952.00
Nursing, Student Aid and Scholarships	48	502.50
Panhellenic House	20	235.00
Memorial Scholarships	8	140.00
School of Social Work	8	157.00
Students' Aid Fund	5	550.00
Faculty of Medicine	3	20.00
Frederic Wood Theatre	3	25.00
Student Residences	2	30.00
Dean of Women's Fund	2	15.00
St. Mark's College	2	15.00
Agriculture	1	15.00
Anglican Theological College	1	5.00
Chemical Engineering Lab	1	25.00
Dean of Medicine's Fund	1	25.00
Fine Arts Foundation	1	10.00
Fine Arts Museum	1	5.00
Forestry	1	5.00
Geography and Cartography	1	10.00
International House	1	10.00
Modern Languages	1	25.00
Music	1	5.00
Physical Education Prizes	1	150.00
Poultry Science Bursaries	1	100.00
School of Rehabilitation	1	5.00
Varsity Outdoor Club	1	10.00
UBC Rowing Fund	1	5.00
Unrestricted Gifts	742	11,120.45



ALUMNI DINNER

SET FOR THURSDAY MAY 16, 1963

PLANS are now being completed for the Alumni Banquet and Annual General Meeting to be held May 16th, 1963 in the HOTEL VANCOUVER. While the general format of last year's successful Banquet is being followed, many improvements in the arrangements are planned as a result of answers to a questionnaire circulated to those who attended the 1962 dinner.

DURING the before and after dinner cocktail hours, the well-known Vancouver pianist PAT TRUDELL will provide background music, playing his own arrangements. Mr. Trudell is perhaps best known for his work with the Canadian Broadcasting Corporation arranging the music for such television shows as "Lolly-Tu-Dum" and "Showcase."

DINNER menu, especially arranged by the Hotel, will feature club steak. The conduct of the meeting itself will be streamlined, and a NOTED SPEAKER, yet to be announced, will address the gathering following dinner.

RESERVATIONS and seating arrangements have been improved, and CIRCULAR TABLES for six persons each will replace the long tables used last year, allowing groups to reserve their own tables and arrange informal reunions for the dinner.

ALUMNI are urged to plan now and organize a party of their FRIENDS, whether members of the Alumni Association or not. Details will be announced by brochure at a later date. Those wishing to make advance reservations may do so by contacting the Alumni office.

Alumni Association

Notice of Annual Meeting

NOTICE IS HEREBY given that the Annual Meeting of the Alumni Association of the University of British Columbia will be held at the hour of 5:45 p.m., on Thursday, May 16, 1963, in the Ballroom, Hotel Vancouver, Vancouver, B.C. The usual business of the Association will be transacted, and the election of officers to the Alumni Board of Management will be conducted.

Members of the Alumni Association wishing to submit nominations for any position on the Board of Management must do so at least seven clear days before the date of the Annual Meeting. Nominations must be in writing, signed by at least two members of the Association, and must be accompanied by the written consent of the nominee to stand.

All nominations must be in the hands of the Alumni Director on or before May 9, 1963, at the Alumni Office, 252 Brock Hall, UBC, Vancouver 8, B.C.

T. HOLLICK-KENYON
Director

Alberta President to speak

DR. W. H. JOHNS, President of the University of Alberta, will give the banquet address to the Regional Conference on Higher Education to be held in Prince George, March 23.

His topic will be "The National Programme for Higher Education in Canada."

Keynote address to the one-day public conference will be given by S. N. F. Chant, dean of the Faculty of Arts and Science at the University of British Columbia.

The morning programme will include speakers on the Macdonald Report on Higher Education while the afternoon programme will shift to a panel of speakers discussing higher educational institutions other than the University of British Columbia.

The theme of the conference is "After Grade Twelve—What?" The conference chairman is Mrs. G. C. Kellett of Prince George.

Seminar repeat success

THE SECOND ANNUAL Commerce Seminar was held February 23, 1963. Dr. John B. Macdonald addressed the seminar luncheon of the subject, "The Business of Education."

In the morning panel, Professor Beedle discussed the Glasco Report and Financial Management. Later in the morning, Dr. Purdy covered the economics of Hydro Electric Development.

New developments in business management were discussed in the afternoon by Professors David Quirin, James Warren, and John van Gigch.

Dean Gordon Neil Perry, dean of the Faculty of Commerce and Business Administration, introduced the programme and discussed new developments in the Commerce Faculty.

Ken Mahon was chairman of the organizing committee for the seminar.

Over 100 commerce alumni and faculty members attended the one-day seminar and it was considered a repeat success by those involved.

Spring discussion series in Victoria

LAST SPRING, the Alumni Association of UBC, Victoria College branch, presented a most successful educational series of panel discussions entitled "Critical Issues of Our Times" featuring well-known authorities dealing with topics of current interest.

Because of the popularity of the series, which was open to the general public, we have decided to present this year "A Series of Discussions on Current Canadian Affairs" with a little different approach incorporating both panels and individual guest speakers.

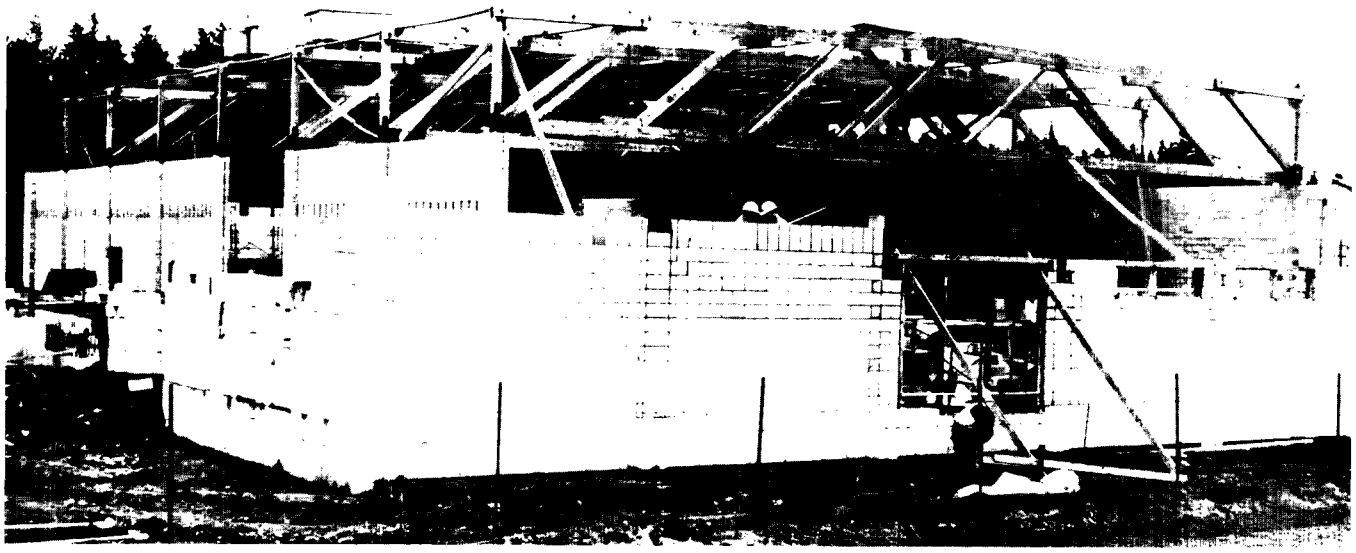
The series, to be conducted in the Faculty Building on the Gordon Head campus, is scheduled to commence on March 5 and will consist of five sessions ending on May 3.

The provocative topics planned for presentation include "The Future of Higher Education in B.C.", "Does Canada Have a National Culture?", and "Canada's Defence Policy." A comparison between universities in the Soviet Union and Canadian universities is also a proposed subject and a special closing address will prove of great interest to the series audience.

As last year, each session will include an audience participation period during which questions will be directed to panelists and speakers. Each evening will conclude with the serving of refreshments.

It is anticipated that once again we will enjoy the public interest and support which served to produce such a successful effort last year.

Walls of UBC Winter Sports Centre are rising high at the South end of the campus. Have you any suggestions for a name? The Management committee welcomes your ideas. Send them to Tom Skupa, 224-6208, of Box 50, AMS Office, Brock Hall.



Rev. Newton Steacy, BA'52

Gordon Newhouse, BA'58

R. L. Morrison, BA'28, BASc'29

D. Grant Macdonald, LLB'59

Dan Young, BA'52, with retiring branch president Frank Johnson, BArch'53

Director's Diary

Dear Diary: The alumni menu coming up is really full—let me describe: PRINCE GEORGE—Central B.C. Regional Conference on Higher Education —Mrs. Jean Kellett (an Alberta grad) and her committee have an outstanding programme arranged for March 23rd. CRANBROOK—People from Invermere through to Creston in the East Kootenays will gather on April 20th for a close look at higher education in that region, under the able leadership of Percy Pullinger. TRAIL—Dr. John B. Macdonald leads the academic delegation to the smelter town on May 11th, when Mr. John Welton will host the people in the West Kootenay region in the J. Lloyd Crowe high school. NEW YORK—Grads will gather to hear Dr. Bill Gibson, our past president on April 2nd (watch for details in your mail). Bill then hops to CHICAGO on April 3rd for a meeting at the home of Mrs. Richard H. Thompson (Margaret Mary Leeson), and then to MADISON, Wisconsin, where Peter Krosby is arranging a get-together on April 4.

* * *

Dr. J. F. K. English, deputy minister of education, put the question to us: "How many known UBC graduates are still resident in B.C.?" The answer—79 per cent—thought you'd like to know.

* * *

More and more grads are dropping in to the Alumni office at 252 Brock Hall (which always pleases us), including several branch contacts: Miss Rosemary Brough, our contact in New York (who visited Vancouver via Rome!), the Rev. Newton Steacy, contact in Prince George, and Charles Connaghan, our contact in Welland, Ontario. The farthest south of our visitors was Dr. Martin Goodwin, of Clovis, New Mexico, up here for the reunion of the Kitsilano Boys' Band.

Our hats off to our recent successful grad in the political arena—Dr. Patrick McGeer in the Point Grey bye-election for the provincial legislature, and all the grads who ran in the recent municipal elections throughout B.C. This is the sort of thing we like to see happen, and may there be many more!

* * *

If you've forgotten—remember your ballot for Senate elections must be in by May 21st. Vote as you like—but vote! If you know of anyone who did not get a ballot that should, be sure to let the registrar, Mr. J. Parnall, know, since this indicates we do not have an accurate address for them.

* * *

Journeyed to Creston last February 7th, and met many graduates that evening at the home of Mr. and Mrs. Ray Cooper, when they re-elected Bob Morrison as their branch president.

Branch presidents are popping all over. Kelowna elected Gordon Newhouse, on November 23rd, and Gord is now hard at work on the Kelowna Conference, ably abetted by Bob McLennan. Seattle chose Dan Young at a dinner at the Swedish Club on November 29th, Newton Steacy re-activated the branch in Prince George, and Grant Macdonald took over the presidency in Penticton.

* * *

One of the biggest and best alumni dinners took place in Abbotsford last December 5th, when over 170 people turned out to hear Dr. Rodney Berg, President of Everett Junior College, talk about junior colleges—the interest in higher education in the Fraser Valley is keen — a real tribute to Mrs. Ernie Clarke. The occasion was the annual meeting of the Fraser Valley University Association of which Mrs. Clarke is president.

Art Sager, BA'38

Frank J. E. Turner, BA,BCom'39

John Haar, BA'50

Art Sager goes to UN headquarters

Art Sager, director of the Alumni Association from 1954 to 1961, left Vancouver in mid-January for New York to take up his new appointment at the United Nations headquarters as a fellowship officer in the training and fellowship section, bureau of technical assistance operations of the department of economic and social affairs. When he left the Alumni Association he went to the Regional Training Centre for United Nations Fellows on the campus as administrative officer, and was appointed to headquarters when the decision was taken to close the Regional Training Centre here.

He told the Alumni office that he was delighted that he would remain in technical assistance work, but very sad indeed about leaving UBC "because it has been a sizeable chunk of my life and because I leave many friends."

Besides his years as an undergraduate he spent nearly 15 years on the campus, seven of them with the Association.

News of Art Sager's move prompted Tim Hollick-Kenyon, our present director, to find out what all the former directors were doing now.

Emerson Gennis, who took Art Sager's place in August 1961, was director for exactly one month. B.C. Packers, his former employers, found they couldn't spare him after all, and asked him to come back, where he is now as executive assistant to the president. Appointed to succeed him was Tim Hollick-Kenyon.

John Haar was acting director for the year 1958-59, while Art Sager was on leave of absence attending Oxford University. He is now director of University housing, on the campus.

Frank Turner was the Alumni Association's first employee. With the title of executive secretary he opened the first Alumni office on the campus on January 2, 1946. He left in 1954 to go into life insurance. He is now amongst the leaders in production in the London Life Insurance Co.

During his eight years with the Alumni Association the Alumni Annual Giving Fund was set up, the constitution was changed to set up a board of management which included degree representatives, and divisions were started for agriculture and commerce.

After his eight years in the Alumni office it is understandable that he took eight years of holiday from all Alumni work of any kind. Last year he made a tentative start as a volunteer. He acted as the chairman of the selection committee for the North Vancouver regional scholarship winner. He says he enjoyed the experience.

Emerson Gennis, BCom'48

U.S. tour for Gordon Thom

PORTLAND, TACOMA, AND SEATTLE were ports of call for assistant director Gordon Thom during the week of January 21.

An Alumni social evening was held at the home of Mr. and Mrs. F.A. Hutchinson of Portland, for UBC alumni in that area. Slides of UBC campus developments and of the installation of President John B. Macdonald were shown. The branch contact for the Portland area is Dr. David B. Charlton.

In Tacoma, Gordon Thom represented UBC at the American Alumni Council District No. 8 Convention and he reports that many new and useful ideas were learned. Sessions on programming, publications, record keeping and administration combined practical experience gained by the 32 colleges and universities represented.

He also attended the annual Friends of UBC Inc. meeting in Seattle.

Write-up for Kelowna branch

The Kelowna branch of the UBC Alumni Association Monday night endorsed the Macdonald report on higher education in B.C. And proposed a campaign to gather further support from other portions of the Okanagan Valley.

"We propose to send telegrams to the Premier, the education minister and Dr. Macdonald, to urge immediate action at the present sitting of the Legislature," said Gordon Newhouse, branch president today. "The members present at the meeting were most enthusiastic in their acceptance. We want to do all we can to assist the committee recently set up to further Dr. Macdonald's recommendations."

New Thinking

"We must develop regional thinking on the report," he said. "We must convince every chamber of commerce, every service organization and each school board, that the time for action is now.

"The meeting felt we must make these officials realize we want this college in the Okanagan, that we feel a real need for it now and that we are ready to support it to the best of our ability," he said.

The regional conference of the UBC alumni being held in Kelowna on March 9 was also discussed in the light of the Macdonald report. Dr. Macdonald will be the keynote speaker.

Ideal Time

"This is an ideal time for us to thoroughly discuss this college plan. We should have concrete information available at that time to see whether we can improve our ideas or not. But it will take the efforts of everyone from Revelstoke to Osoyoos," said Mr. Newhouse.

During the meeting Borge Haagensen told of his five years in northern Greenland and showed the members slides of his life there.

The Kelowna Daily Courier
February 12, 1963.

Urgent message to Alumni

THE PROVISION of qualified professors for Canada's rapidly expanding universities is the crux of the emergency in higher education. Last year Canada graduated only 280 PhD's. UBC alone will need 125 *new* faculty members *annually* to meet the flood. Where will these teachers be trained?

Federal aid for the training of post-graduates students to the doctoral level is essential because only a few of Canada's universities can shoulder the graduate programme. The cost of training such students is known to be ten times that for most undergraduates. Thus, another $1.00 per capita distributed to *all* colleges and universities without regard to their graduate school capabilities may not be a wise or effective method of coping with the problem. Rather, the Board of Management of the UBC Alumni Association has felt that federal aid, directed specifically to graduate training, is urgently needed. To this end all candidates from B.C. in the forth-coming federal election have been asked by the Board of Management to consider this problem seriously and to indicate their views on exerting early pressure in Parliament to bring about more graduate training across Canada.

Graduates are asked to urge such action immediately upon those seeking public office.

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Graduates show public spirit

THE ALUMNI ASSOCIATION extends its congratulations to the following graduates who stood for public office in the year-end municipal elections in B.C. whether elected or not. We would like to learn of others whose names were not carried in the daily press.

Editor.

Name	Location	Position
	Central B.C.	
David G. Havard, BSA'50	Smithers	Commissioner (not elected)
John A. Pelter, BSA'49	Smithers	Commissioner (not elected)
Lloyd Nordlund, BSP'53	Vanderhoof	Commissioner
	Kootenays	
T. Murray Little, BCom'35	Castlegar	Commissioner (not elected)
S. E. Thorne, BCom'37	Fernie	Alderman
E. G. Wiltshire, BASc'52	Rossland	Alderman
	Fraser Valley	
W. C. Brown, BSA'28	Maple Ridge	Councillor
Theodore Thordanson, BA'52, MD'56	Maple Ridge	School Trustee
Norman Dent, BA'56, LLB'57	Port Moody	Alderman
Joseph Pauker, BA'49	Port Moody	School Trustee (not elected)
Fred B. Tessman, BA'45, BEd'48	Port Moody	Alderman (not elected)
Douglas C. Reed, LLB'59	Surrey	School Trustee
Harry W. St. Clair, BA'57	Surrey	School Trustee (not elected)
G. A. H. Holt, BA'49, BEd'58	White Rock	Alderman
	Lower Mainland	
Dr. L. W. Beamish, BA'37	Burnaby	School Trustee
J. H. Edwards, BA'49, MA'52, LLB'55	Burnaby	Councillor (not elected)
C. W. MacSorley, BCom'57	Burnaby	Councillor
C. J. Murnane, BCom'50	Burnaby	School Trustee (not elected)
Kenneth W. T. Wright, BA'39, MA'41	New Westminster	Alderman
Richard S. M. Hannesson, LLB'48	North Vancouver	Reeve (not elected)
C. P. Jones, BA'47, BASc'48	North Vancouver	School Trustee
John L. Haar, BA'50	Richmond	School Trustee
Ebbie Bowering, BA'48, BEd'54	Vancouver	Park Commissioner
Vaughan Lyon, BA'52	Vancouver	School Trustee
Walter McOuat, BA'50, LLB'51	Vancouver	School Trustee
George J. Puil, BA'52, BEd'57	Vancouver	Park Commissioner
Harold Rankin, BA'49, LLB'50	Vancouver	Alderman (not elected)
Donald A. Lanskaill, BA, LLB'50	West Vancouver	Councillor
William D. McEwen, BASc'50	West Vancouver	School Trustee
Mrs. H. V. Ross (née Willa Enid Williams, BA'32, BCom'35)	West Vancouver	School Trustee
	Vancouver Island	
Harold Godfrey, BA'48, MA'49	Nanaimo	School Trustee
Alexander Hendry, BA'31	Oak Bay	Councillor
	Other B.C.	
Mrs. William A. McClellan (née Mildred Pollock, BA'35)	Dawson Creek	School Trustee
Robert Ferrie, BASc'50	Kitimat	Councillor
J. H. Robertson, BA'47	Kitimat	Councillor
R. A. Ruddell, BASc'50	Kitimat	School Trustee
Richard Toynbee, BA'50	Terrace	School Trustee

Three Important Anniversaries to Remember

Your Wedding, Your Wife's Birthday

and Alumni Annual Giving

Alumnae and Alumni

This is a mosquito doing what it's told. Warm, wet air currents provide precision guidance for yellow-fever mosquitoes.

Robert H. Wright, BA'28, MSc'30, PhD(McGill), former head of B.C. Research Council's chemistry division, is directing a new odour research programme. He hopes to open the way to a rational search for new mosquito repellents, including repellents to be taken by mouth and excreted through the skin.

Dr. Wright has already made significant contributions to basic understanding of odour generation and detection, and has recently been awarded a large research contract by U.S. Army medical research and development command.

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

G. F. Fountain BASc'22

Barry Glass

1922

George Frederick Fountain, BASc, one of two graduates in UBC's first civil engineering class, retired this year as Vancouver's director of planning, a post he has held since 1960. Mr. Fountain joined Vancouver's city engineering department in 1922 as instrumentman and draughtsman, and after being commissioned as a B.C. land surveyor was named city surveyor. He later became assistant engineer and on the formation of the city's first planning department in 1952, he was appointed deputy director of planning. He plans to enter the private consulting field on a part-time basis, in the field of municipal planning and engineering.

1923

Russell H. B. Jones, BASc, PhD(Wisc.), has retired as staff geologist for Columbia-Geneva division of U.S. Steel. Dr. Jones, who joined U.S. Steel in 1930 as a geologist for Oliver Iron Mining Company in Duluth, Minnesota, has conducted mineral investigations in North and South America and Africa and is author of several published reports on geologic surveys. Before joining the company Dr. Jones was assistant professor of geology at Indiana State Teachers College.

1925

Lyle A. Atkinson, BSA, MSA'35, general manager of Fraser Valley Milk Producers' Association, has been elected vice-president of the National Dairy Council of Canada. Mr. Atkinson was president of the UBC Alumni Association, 1928-29.

James E. Eades, BA, has been elected sole Canadian representative on the executive committee of the International Association of Industrial Accident Boards and Commissions. Fifty U.S. States, 10 Canadian provinces, Puerto Rico, The Philippines, and New Zealand are members of the Association. Mr. Eades is chairman of B.C. Workmen's Compensation Board.

Mrs. Everett C. Hughes (Helen MacGill), BA, PhD(Chic.), is now living in Cambridge, six minutes' walk from Harvard Yard and 20 minutes' drive from Brandeis University in Waltham, Massachusetts. Her husband, after 23 years at Chicago University, accepted a professorship at Brandeis in 1961, which was just beginning graduate work in sociology. Three of his former PhD candidates at Chicago are colleagues, and Mrs. Hughes writes that Brandeis, with a total enrollment of 1800 and a magnificent country campus has, like Chicago, very high standards and the experimental spirit. Mrs. Hughes gave up the managing editorship of the *American Journal of Sociology* when she left Chicago, and is now doing research at Brandeis and editorial work at Harvard.

1927

Albert E. Bailey, BA, PhD(Wash), who has been with the Pennsylvania Health Department for 11 years, is now director of the Department's bureau of administration. The bureau includes the Health Department's divisions of business management, personnel, vital statistics and law. Dr. Bailey is a member of the surgeon-general's advisory committee on biometry and epidemiology of the U.S. Public Health Service.

1928

George F. Davidson, BA, LLD'55, deputy minister of citizenship and immigration, has been seconded to carry out the recommendations of the Glassco Royal Commission on Government Organization. One of the best known senior civil servants in the capital, Mr. Davidson's appointment to a position requiring great diplomacy is widely commended.

Joseph Marin, BASc, MS(Ill.), PhD (Mich.), BA'58, head of the department of engineering mechanics at Pennsylvania State University, during six months' leave of absence gave a series of 12 invited lectures in Moscow, Leningrad, Kiev and Tbilisi in the Soviet Union under the auspices of the Academy of Sciences of the U.S.S.R., at universities and institutes of technology. He was impressed by the high standards of Soviet higher education and by the quality of teaching and research. He also lectured in Egypt, Israel and India on a travel grant from the National Science Foundation.

1932

Ian McTaggart Cowan, BA, PhD (Calif.), head of UBC's department of zoology, has accepted a foreign visiting lectureship awarded by the American Institute of Biological Sciences. He will lecture at universities in Maryland, Virginia, North Carolina, Georgia and

Mrs. Douglas P. Fraser BA'32

Louisiana on research which he and other zoologists have in progress at UBC.

Mrs. Douglas P. Fraser (Dorothy Johnson, BA), has won a prize of £100 for an essay on "What is Science for?" The English scientific magazine *Discovery* offered two prizes for essays, one by a scientist, the other by a non-scientist. Mrs. Fraser won in the non-scientist section. She is Osoyoos representative in the Okanagan-Mainline University Association.

1933

Allan Bell, BA, MA'34, PhD(McGill), has been appointed head of the chemistry division for Tennessee Eastman Company Research Laboratories in Kingsport, Tenn. Dr. Bell joined the Eastman organization in 1937 as a research chemist in the Eastman Kodak Company Research Laboratory at Rochester, New York.

Alec S. Ellett, BASc, is vice-president of Ellett Copper and Brass, a Vancouver company formed in 1921 by his father, a former London coppersmith. The company has long been a western Canadian leader in the field of fabricating stainless steel and non-ferrous alloy products. A division of the family-owned Ellett company, Elco Manufacturing, started in the enamelling business by coating steel bathtubs and vanities for an eastern company and making glass-lined tanks under their own brand name. It is now the only custom porcelain enameller in western Canada.

G/C Harry C. Freedman, BASc, MASc'38, who has been an RCAF telecommunications officer since 1942, has retired as director of radar and data processing in Ottawa.

G. Cecil Hacker, BA, has retired from the Public Library Commission after 11 years of service which included a term as chairman. Formed under the provisions of the Public Libraries Act, the Commission encourages and promotes public library development in co-operation with other public bodies in B.C., and provides service for those who do not have access to a local public library.

C. W. Ramsden, BA, has been elected to the advisory board of Notre Dame University College in Nelson. Mr. Ramsden has been with the Nelson News Publishing Co. Ltd. for more than 29 years and is now its general manager and publisher.

E. Davie Fulton BA'36

1936

The Hon. E. Davie Fulton, BA, Minister of Public Works in the federal Government, was elected in January, by acclamation, leader of the Progressive Conservative party in the province of British Columbia. He plans to practice law with his firm in Kamloops when he returns to British Columbia and to open an office in Vancouver.

William K. Gwyer, BASc, who joined West Kootenay Power and Light Company in 1959, has been appointed general manager of the company. Last March, Mr. Gwyer co-ordinated the emergency measures taken to establish stand-by power across Kootenay Lake after the bombing of the power span. Recently he headed the $3,500,000 power transmission expansion project undertaken to serve the increasing power needs of the Okanagan area.

J. Bishop Thurber, BA, MA'37, geologist, while prospecting with a compan-

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ion on behalf of Omineca Ventures for lode deposits of precious or base metals, discovered huge boulders of jade in the bed of Vital creek near Takla Landing. Mr. Thurber believes the lode to be in the serpentine belt.

1937

W. Gordon Fields, BA, MA(Stanford), head of the department of biology, botany and zoology at Victoria College, has recently received his PhD from Stanford University. Dr. Fields' main interest is marine biology, especially the study of the squid. His thesis, titled "The Structure, Development, Food Relation, Reproduction and History of the Squid" will be published by the California Fish and Game Department.

Harold D. Knight, BA, BSc, an engineer with Caltex Petro-Fertilizer who has been stationed at Bahrain in the Persian Gulf, is now on assignment to the Company's plant at Escombreras, Spain.

Thomas E. Ladner, BA, has been elected president of the Vancouver Bar Association.

Robert T. McKenzie, BA, PhD(London), author of *British Political Parties* and teacher of political sociology at the London School of Economics, is one of Britain's top psephologists. Besides teaching, Dr. McKenzie broadcasts on current politics for the BBC and writes regularly for the London *Observer*.

Gordon B. Morris, BASc, has been appointed construction manager for B.C. Hydro's Peace River project. Before returning to B.C. last year as general manager of Perini Pacific Limited, Mr. Morris had a distinguished career in mining, hydro-electric and heavy construction engineering in both North and South America.

1938

H. Donald Cameron, BA, MA(Tor.) in mathematics and meteorological physics, is the new president of the Air Transport Association of Canada. Mr. Cameron joined the Department of Transport as a weather forecaster, going to Ottawa in 1946 as private secretary to the transport minister and later becoming district controller for air services in Winnipeg and Vancouver. At present, Mr. Cameron is executive assistant to the president of Canadian Pacific Airlines.

1939

George W. Govier, BASc, MSc(Alta.), PhD(Michigan), dean of the faculty of engineering at the University of Alberta and the Province's top conservation authority, has been appointed chairman of the Alberta Oil and Gas Conservation board. Dr. Govier is author of some 32 technical papers.

1940

F. Wells Brason, BA, MD(Tor.), director of Harrisburg Hospital's Institute of Pathology and Research, is the new president of the Pennsylvania Association of Clinical Pathologists. Before coming to Harrisburg, Dr. Brason was a research fellow in the department of bacteriology and immunology at the University of Buffalo Medical School.

Anne B. Underhill BA'42

Joseph A. F. Gardner, BA, MA'42, PhD(McGill), is the new head of federal forest products laboratory at Vancouver. Dr. Gardner was previously head of the wood chemistry section of the laboratory.

1942

Anne B. Underhill, BA, MA'44, PhD (Chic.), has been appointed professor of astrophysics at the University of Utrecht, Holland. Dr. Underhill has worked with the Canadian National Research Council, the Yerkes Observatory in Chicago and the Observatory of Copenhagen. Since 1949 she has been scientific collaborator of the Dominion Astrophysical Observatory of Victoria, B.C.

Charles E. T. White, BASc, has been appointed manager of electronic materials division of Cominco Products, Inc., Spokane, Washington. Mr. White will be in charge of production and sales of electronic materials in the U.S.

NEPTUNE

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Lloyd Hobden (right), BA'37, MA'40, represented UBC at the installation of Principal Rae as fourth principal and second vice-chancellor of Sir George Williams University. In a discussion with Principal Rae (left), he suggested that the alumni of the 23 Canadian universities represented at the ceremony should be welded into one strong alumni group which could bring powerful moral and financial support to the cause of higher education in Canada. In many cases the province where they have made their homes is the one in which graduates could contribute most. Principal Rae hoped that discussion might take place between UBC's branch in Montreal and the Sir George Williams group.

Dr. Hobden, who is with *Le Petit Journal,* went to Paris on a French government scholarship in 1938 and returned to finish his doctorate at the Sorbonne after the War under DVA.

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Donald G. Ivey, BA'44, MA'46, PhD(Notre Dame), associate professor of physics at the University of Toronto, received, with J.N.P. Hume, a special citation for "The Best Science Education Film of 1962" from the Thomas Alva Edison Foundation at the National Mass Media Awards dinner in New York, on January 16. The award was for the film "Frames of Reference" prepared by Drs. Ivey and Hume for the Physical Science Study Committee's course in physics at Educational Services Inc., in Cambridge, Mass. They have done four films for this course. Drs. Ivey and Hume believe that society's understanding of science leaves much to be desired, and for this reason they are interested in this new physics course, which reflects much more accurately than conventional courses do the scientist's attitude towards science. They also have prepared and presented many television programmes in physics, both for in-school broadcasting for the CBC, and for the Public Affairs Department of the CBC with the series "Focus on Physics" and "Two for Physics." At present they prepare a programme on physics about once a month for the weekly science series "The Nature of Things."

* * *

The Physical Science Study Committee, composed of physics teachers in universities, chiefly MIT, and secondary schools, was formed in 1956 to develop an improved physics course for secondary schools.

The PSSC physics course is designed to show students some of the structure of physics and how it was discovered and understood by human beings. Physics is treated as a single, developing subject of study, where time, space and matter cannot be separated. The programme, which is centred on the laboratory, includes a new text-book, laboratory experiments and simplified apparatus, a set of films, achievement tests, paper-back library and teachers' guide. About a third of U.S. students taking high school physics are now using the course. Translations of the PSSC text are being made into Spanish, Japanese, French, Italian, Hebrew, Swedish and Portuguese.

In British Columbia high schools, many of the films made by PSSC are already in use and in great demand, including Drs. Hume and Ivey's award winning "Frames of Reference."

An advisory Committee of the Department of Education under **F. P. Levirs,** BA'26, MA'31, assistant superintendent (instruction), is advocating the adoption of the course by 1964, revised to make it a two-year programme for grades 11 and 12. **Dr. D. L. Livesey,** assistant professor in the department of physics, UBC, **George H. Cannon,** BA'48, MSc'54, BEd'58, assistant professor in the College of Education, and **Theodore Ryniak,** BA'50, BEd'58, teacher at King Edward Adult Education Centre, are at present working on the modification.

1944

Bernard C. Gillie, BA, BEd'51, resigned last spring after 31 years of teaching in Greater Victoria, to become superintendent of schools in the McKenzie district of the Northwest Territories. From his headquarters in Fort Smith, N.W.T., he will administer a territory stretching from the Alberta-Saskatchewan border to the Arctic Islands and from the Yukon almost to Hudson Bay. Principal of S. J. Willis junior high school in Victoria since it was opened in 1950, Mr. Gillie has been a leading figure in education in British Columbia and has twice been honoured by the B.C. Teachers' Federation for his services to the profession. He received the Fergusson Memorial Award in 1957 and in 1961, life membership in the Federation.

1945

William B. Thompson, BA, MA'47, PhD(Tor.), who for many years was a senior research fellow in theoretical physics at the Atomic Energy Research Establishment, Harwell, England, is now director of theoretical physics at Culham, Berkshire, England. Today, Dr. Thompson is recognized as a leading authority on plasma physics. He represented England at the Atoms for Peace Conference held in Switzerland and has been guest lecturer at universities in both America and Europe. His papers on plasma physics have won him worldwide recognition. A book embodying the numerous papers he has prepared and published on this phase of physics will appear shortly. While at Harwell, Dr. Thompson devoted himself to a study of peaceful uses of atomic energy. Many graduates will remember his article on the Zeta Project published in the Spring, 1958, issue of the *Chronicle*.

1946

Robert H. Shewan, BSA, who for many years was well-known in Aldergrove district as a real estate salesman, is now directing Langley farm broadcasts for CJJC Radio.

1948

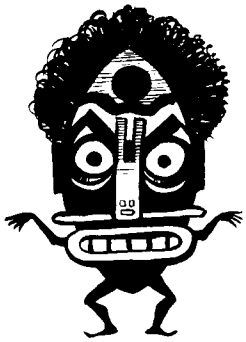
Peter F. Bargen, BA, MA'52, PhD (Alta.), has been appointed superintendent of schools for the Edmonton Public School Board. In his many years in the field of education, Dr. Bargen has given special attention to school finance, school grants, local initiative in curriculum development and the legal status of the pupil.

Harry D. Boyle, BA, is the publisher, editor and reporter of the Whitehorse *Star*, the Yukon's oldest paper which was founded in 1900, two years after the gold rush. Mr. Boyle operates his paper from a cluttered desk in a two-by-four office behind his printing plant, and unsuccessfully tries to keep away cranks, bores and oddballs by a lettered sign over his door: "If it's not business—news or ads—go away! We're busy." The *Star*, operated as a weekly until two years ago, now hits the street twice a week and has a circulation of 3200. Mr. Boyle's boast is that the *Star* is an independent newspaper, lending its support to such projects and causes as may, in his opinion, best serve the community. He says that because of good luck and fleet foot he has so far not been hailed into court or personally molested.

Patrick L. McGeer BA'48

Albert F. Joplin, BASc, formerly Canadian Pacific division engineer at Revelstoke, has been appointed to head engineering studies as part of CP's investigation of development of its downtown trackage. His duties involve studies to determine the method of relocating tracks and other property which would be affected by the development programme.

Patrick L. McGeer, BA, PhD(Princeton), MD'58, assistant professor in the Kinsmen research laboratory of the faculty of medicine, was elected to the provincial legislature in the Point Grey bye-election last December. Dr. McGeer, the Liberal candidate, polled 12,885 votes over his nearest opponent.



What You Don't Know Can Hurt You

YOU don't actually have to know more than a horse to train him but you do have to convince the horse that you do. Same with witch doctors and other ulterior individuals who set out to flummox the citizenry; standard equipment with them is a mantle of mystery and an air of omniscience which make it much easier to sell the snake oil or the genuine Kickapoo juice, for the customer who becomes The True Believer is the one who doesn't know the score. It follows that everyone should know the score and one of the best ways, we think, is to keep track of what's going on in the world by following the news in a comprehensive newspaper like The Sun.

SEE IT IN THE SUN

A. Leslie Bewley, LLB'49, a deputy magistrate for the city of Vancouver, has ruled that a cave in a pile of broken cement can be a home, and that the 61-year-old man living there is not a vagrant and is not breaking the law. The retired construction worker, too independent to accept charity, had been arrested by the police, "for his own good," as a vagrant.

Magistrate Bewley upheld the right of a man to withdraw from society if he wishes and deplored the trend towards conformity. "You can take it even further and say that anyone who doesn't conform should go to jail. . . The courts can't act as a welfare centre, they can only apply the law."

Mervin J. Stewart, BASc, MS & PhD(Calif.), who has been associated with Engineering-Science, Inc. of California and was formerly assistant professor at Northwestern University in Evanston, Illinois, has accepted a position with Associated Engineering Services Ltd. of Canada. Dr. Stewart will be based in Vancouver as consultant in water and waste-water treatment technology as well as water and air pollution control.

William A. T. White, BCom, has been appointed executive assistant to the director, Emergency Measures Organization, Privy Council office, Ottawa.

1949

Hubert Rhodes, BSA, MSA'50, president of Algonquin Nurseries Limited of Ottawa, has been associated with the Nurseries since their establishment in 1957. Algonquin has recently acquired 200 acres of land at Merrickville, near Ottawa, where they have already begun development on 50 of these acres. Industrial landscaping, nursery and plant breeding will be the three main businesses involved.

Montague L. Tyrwhitt-Drake, LLB, whose family has been associated with Victoria law for over a century, has been appointed a B.C. county court judge. His grandfather, who came to Victoria from England in 1859, served as attorney-general and judge of the B.C. Supreme Court. His father was registrar of the Supreme Court from 1900 to 1937.

1950

Ronald P. Brandrith, BSA, has been appointed officer-in-charge of the federal Plant Protection Division's office at Edmonton. He previously held the same position in Vancouver.

E. Vernon Herbert, BA, has been appointed computer specialist in exploration for the California Standard Company. He joined the California Standard as a geophysicist in 1952 and has recently completed various assignments related to electronic computer applications.

John E. Holdsworth, BASc, plant manager at Park & Tilford's new distillery in North Vancouver has developed a new technique for drying the spent grains remaining after alcohol has been produced. One of the chief factors in the development of the system was the very strict pollution control regulations in the North Vancouver area which allow no industrial effluent to be disposed of in the sewage system. The new dry house represents a saving to the company of up to 200 per cent over the cost of a conventional dry house. The dried product, extremely rich in proteins and vitamins, is an excellent livestock feed and is marketed through grain brokers.

George J. Mitchell, BA, MA'52, has been appointed to the new post of chief wild-life biologist for the Department of Lands and Forests in Alberta. Mr. Mitchell has been with the Department for 10 years.

John B. Nuttall, BASc, MASc'51, assistant professor of civil engineering at the University of Alberta, is directing a two-year experiment to determine the fundamental aspects of erosion-effect of meandering rivers on river banks. The experiment is part of a programme of fundamental research into the properties of sediment-carrying rivers. Professor Nuttall formerly worked with the B.C. Power Commission and Crippen Wright Engineering Ltd. of Vancouver.

Mrs. Alan T. Ross (née **June Gremell,** BA), is director of a new Montessori school for three and four-year olds in Oakville, Ontario. Mrs. Ross completed her training in the Montessori method at the association's centre in Greenwich, Connecticut last June.

Gordon R. Wright, BA, BSW'52, MSW'54, has been appointed executive director of the Family and Children's Service of Victoria. Mr. Wright was associated with the Family Service Agency of Greater Vancouver for the past nine years, and had a private practice in family counselling for the past three years. Last year he was consultant to the Jewish Family Service Agency, and, as well, was responsible for the establishment of the Burnaby Branch of the Family Service Agency. His wife is the former **Barbara Beale,** BHE'51.

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PRINCIPAL

F/L William A. Parker, BPE'51, of RCAF Station Winnipeg, has found that useless household objects can be used in his hobby of model aircraft building. The Silver Dart Model, shown in picture, will be an exact replica of the first aircraft flown in the British Empire at Baddeck, N.S. in 1909. The model will be presented to the Royal Air Force College of Air Warfare at Manby, Lincolnshire, which up to now has lacked a model of Canada's historic aircraft for its Air Museum. F/L Parker hopes eventually to have a private museum of models of aircraft of the First World War, both allied and German.

Thomas A. Wylie, BA, is director of museums for the city of Vancouver. In his charge are the City Museum (now filling the whole of the old library building at Hastings and Main Streets), and the Vancouver Maritime Museum in Haddon Park on Kitsilano Point.

1951

George S. Denroche, LLB, has been appointed to the newly-created office of resident magistrate for the East Kootenays by the attorney-general's department. His function is to supplement the services of local magistrates and preside over magistrate's court hearings upon their request. Mr. Denroche will hear evidence in all preliminary hearings requisite for committal for trial, if a prisoner elects, or the magnitude of the charge requires jury hearing.

David S. Owen, BA, has resigned as vice-president of Webb & Knapp (Canada) Ltd., to head property development in Texas for oil-multi-millionaire Clint Murchison. Mr. Owen began his professional career in his father's law firm before joining Webb & Knapp in 1955.

Angus Smith, LLB, Victoria city prosecutor, has resigned to become assistant to the secretary of the Law Society of Vancouver.

Benno P. Warkentin, BSA, PhD (Cornell), has been appointed head of the new soil science department established at Macdonald College near Montreal.

1952

Arnold King, BArch, and his partner, **Leo Lund,** BArch, received their first national award from the Canadian Housing Design Council for the design of Delbrook Garden Apartments, 71 apartments in 14 buildings on a naturally landscaped lot in North Vancouver.

Dalton L. Russell, BASc, formerly plant metallurgist for Paragsha concentrator in Cerro de Pasco Corp., Peru, has been promoted to superintendent of the Company's Mahr concentrator, treating copper-lead-zinc ores. Both concentrators are over 13,000 feet in altitude.

1953

Keith A. L. Hillman, BA, LLB'54, has been appointed executive assistant to the president, Western Plywood Company Limited and Welwood-Westply Limited. After graduation he was associated with the Kamloops law firm of Fulton, Morley, Verchere and Rodgers, and more recently with the legal division of B.C. Hydro and Power Authority. He is past president of the Vancouver Junior Chamber of Commerce.

Raph E. Morehouse, BSA, who has been agricultural representative in Lunenburg-Queens district for the Nova Scotia Department of Agriculture and Marketing for the last five and a half years, has been transferred to Kings County.

1954

Gerard G. Duclos, BCom, MBA'60, assistant professor of business administration at the University of New Brunswick, has been appointed deputy minister of labour for the Province. Mr. Duclos has been associated with the New Brunswick Department of Labour for the past few years on various projects, including a study of industrial safety services which led to the establishment of the New Brunswick Industrial Safety Council.

Bruce K. Morrow, BA, BCom'57, formerly assistant director at the Malden Hospital in Boston ,has been appointed co-ordinator of the Northwest Regional Hospital Council in Saskatchewan. The Council is a voluntary association of 20 hospitals dedicated to better patient care.

James W. Smith, BASc, MASc'55, PhD(London), of UBC's department of chemical engineering, has been appointed assistant professor in the chemical engineering department of the University of Toronto.

1955

John B. Mitchell, BASc, has been promoted to acting mill superintendent at the potash mine and plant of International Minerals and Chemical Corporation (Canada) Ltd. in Saskatchewan. Mr. Mitchell has worked in senior mill supervisory positions with MacLeod Cockshutt Gold Mines, Algom Uranium Mines, and Willroy Mines Ltd. in Ontario. He joined IMC in 1961 as process engineer.

1956

Nigel W. Clark, MD, was seriously injured when he plunged 150 feet down a mountainside near Lillooet in January. Dr. Clark was leading a rescue party carrying a youth who had fallen down an ice-covered slope on the same mountain. He is still in hospital in Vancouver.

Gerhard P. Zenner, BASc, MASc(McGill), who joined Northern Electric Co. Ltd. in 1956 as engineer in the communications equipment division, Montreal, is now a member of the scientific staff of their research and development laboratories.

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1958

Mrs. David G. Garrow, (Barbara M. Allan, MD), has spent the past year and a half in post-graduate studies in neurology in London, England where she was resident medical officer at Maida Vale Hospital for nervous diseases. She is now residing in Vancouver with her husband. (For note of her marriage, see page 38.)

Anadu Nnubia, MD, has just established his own hospital in Aba, Nigeria. Since graduation, Dr. Nnubia has worked at a teaching hospital at Ibadan, with the Nigerian government for eight months, and as a private practitioner in the area. (A notice of his marriage appears on page 38.)

Arthur MacD. Pearson, BSc, MSc'60, has just returned from Finland where he received his PhD in zoology at the University of Helsinki. While in Finland, Dr. Pearson toured Europe with the Finnish National Hockey League. He is now in charge of a research project in wild game management in the Yukon.

William D. Rion, BASc, who is in England on an Athlone Fellowship, is at present working with the Distillers Co. Ltd. in Saltend, Hull. The second year of his fellowship will be spent at the Imperial College in London.

1959

Brian N. S. Gooch, BA, MA'62, who for the past year has been studying towards his PhD in English literature at Birkbeck College, London University, has had his I.O.D.E. scholarship renewed.

D. Bir Mullick, MSA, has joined the staff of the Brewing and Malting Research Institute in Manitoba. He will be doing research on nitrogenous constituents of barley and malt, under joint auspices of the Institute and the National Research Council.

W. K. Oldham, BASc, has won a Ford Foundation Fellowship for study at the University of Texas for three years. He will use the $10,200 scholarship to study for a PhD in sanitary engineering.

Donald C. Thom, BASc, is with the Department of Defence Production in Ottawa where he has been investigating the application to defense procurement projects of critical path scheduling. Critical path scheduling is a method of examining a project systematically to pinpoint the critical activities which require special attention. It provides quantitative data for scheduling without a reliance on intuition and rule of thumb, and the effects of delays or changes as a project progresses can be assessed quickly and accurately.

Mr. Thom is an associate member of the Canadian Operational Research Society.

R. Douglas Smith BA'60

1960

G. Alan Dafoe, BA, has recently been appointed social welfare worker by the Department of Social Welfare and Rehabilitation of Saskatchewan. Mr. Dafoe is at present a probation officer with the corrections branch of the Department.

John Fraser Ricker, BSc, is a member of a New Zealand Antarctic research programme field party which is mapping and surveying the geology of the Victoria Land mountain chain in New Zealand's Ross Dependancy. During three months in the Antarctic, the party has sledged hundreds of miles, explored previously unseen snowscapes and surveyed outstanding mountain features for the first time. They were equipped with two polar tents and two sledges, each drawn by a team of nine huskies.

R. Douglas Smith, BA, is studying economic geography at the University of Adelaide, Australia, on a Rotary Foundation Fellowship. Mr. Smith is one of 137 graduates from 35 countries who received grants from Rotary International, a world-wide service organization.

Dennis Walton, BASc(Tor.), MSc, has been appointed West Vancouver planning officer. He was previously employed by the planning division of the Department of Municipal affairs at Victoria.

1961

Peter Morris, BSc(Nottingham), MSc, is head of the National Science Film Library which is being established by the Canadian Film Institute and the National Research Council in Ottawa. While at UBC, Mr. Morris was one of the founders of Cinema 16. He was president of the Pacific Federation of Film Societies and helped in the organization of Vancouver's Film Festival.

William H. New, BEd, now a graduate student at UBC, has been awarded a $2000 I.O.D.E. Scholarship. He plans to enter the University of Leeds as a PhD candidate, where he will undertake an investigation of certain parallel themes in the literature of Canada, New Zealand and the U.S.

Paul S. Symchych, MD, is a paediatric resident at the Children's Hospital of Cincinnati, and plans to continue his paediatric residency at the University of Minnesota Hospitals in Minneapolis.

Joseph Soos, Dip.For.(Sopron, Hungary), MF, has joined the Edmonton Parks Department. He will have charge of a new division concerned with boulevard tree planting, river valley reforestation, and the expanding city nursery.

1962

James A. Ferguson, BCom, and **John S. E. Towgood,** BCom, have received prizes for their graduating essays. Mr. Ferguson has won a $200 prize from the Automatic Retailers of America Educational Foundation. The Foundation, located in Los Angeles, has made a matching grant to the faculty of commerce for academic work in automatic merchandising or institutional food service.

Mr. Towgood was awarded a $50 prize by the Professional Marketing Society of Toronto for a paper entitled "An investigation of buying habits and social stratification in the city of Vancouver."

William A. Gough, BSc, is now development engineer in the technical department of Cyanamid, in Niagara Falls, Ontario.

Ernest R. Kanasewich, BSc(Alta.) PhD, is a research assistant in the Institute of Earth Sciences at UBC. Before coming to UBC for his PhD, Dr. Kanasewich was party chief in charge of a seismic exploration crew in Southern Arabia.

J. Norman Riley, BCom(St. Francis Xavier), MBA, has joined the staff of the Coady International Institute of St. Francis Xavier University. Mr. Riley was formerly director of education for the Nova Scotia Credit Union League and has had wide experience in credit union education and publications. In 1961, at the request of the Institute, he served for six months at Mwanza, Tanganyika instructing at the Social Training Centre there.

William Sharp, BASc, has gone to Kenya for four years' service at a Pentecostal mission station at Sameta in the Kisii country of Kenya. Mr. Sharp will be headmaster at a new high school being built there for Kenyan students. He and his wife will be the first white missionaries to settle in the area.

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Marriages

ANDERSON-KING. Harold Anderson to Jocelyn T. King, BHE'60, in Ghana.

BECK-JONES. Edwin Gilbert Beck, BPE '62, to Margaret Gail Jones, BSN'62 in Port Alberni.

BROWN-HUSBAND. Alan Charles McKenzie Brown, BASc'59, to Alexandra (Alix) Lindsay Husband, BA'60, in Victoria.

CHIPPINDALE-THOMAS. Nigel Kenneth Chippindale, BSc'61, to Sonia Karen Thomas, BA'62, in Vancouver.

COLE-CROKER. Richard Stonnell Cole to Sheila Stuart Croker, BA'58, in Palo Alto, California, U.S.A.

CORNWALL-DOBSON. John Fitzalan Cornwall, BSA'62, to Arlene Alice Dobson, in New Westminster.

DRENT-BEACOM. Jan Jansz Drent, BA'58, to Janice Elizabeth Beacom, in Halifax, Nova Scotia.

ELIAS-MACKENZIE. Dietrich (Dick) Elias, BA'62, to Linda Dianne Mackenzie, in Marpole.

FOOD-CHAMBERLIN. Robert Alfred Food, BCom'59, to Elizabeth Evelyn Chamberlin, in Victoria.

FOSTER-DOWSLEY. John Kemble Foster BASc'61, to Dorothy Margaret Dowsley, BHE'61, in Vancouver.

GARROW-ALLAN. Dr. David Gordon Garrow to Barbara Muir Allan, MD'58, in St. Andrews, Scotland.

HACKING-LEACH. Ian McDougall Hacking, BA'56, PhD(Cambridge), to Anne Leach, in Halifax, Nova Scotia.

HOBSON-DUNHAM. Larry Gene Hobson to Allison Mary Dunham, BA'62, in West Vancouver.

HOLMES-MONTGOMERY. Clare Arthur Holmes, BA'61, to Annette Mae Montgomery, in Vancouver.

NNUBIA-ERONINI. Anadu Nnubia, MD'58, to Ulunma Umez Eronini, in Aba, Nigeria.

RANKIN-KRANTZ. Michael James Bell-Irving Rankin, BA'62, to Kathleen Alice Krantz, in Bellevue, Washington, U.S.A.

ROOP-LIBBY. Albert Gilliatt Roop to Jeanette Marion Libby, BSN'61, in New Glasgow, Nova Scotia.

SEWELL-JAMES. Allen Charles Sewell, BCom'62, to Marjorie Christine James, in Vancouver.

VALENTINE-BARNSLEY. Charles Peter Valentine, BCom'58, to Margaret Anne Barnsley, in Calgary, Alberta.

Births

MR. and MRS. EVAN W. ABERCROMBIE, BASc'50, (née ISOBEL E. ANGUS, BSN'52), a daughter, Susan Elizabeth, December 7, 1962, in Vancouver.

DR. and MRS. GORDON BIELY, BA'53, MD '58, a daughter, Elizabeth Carol, December 22, 1962, in Montreal, Quebec.

DR. and MRS. E. G. DAVIES, (née LILA M. SHIELDS, BASc'49), a daughter, Sharon Marguerite, January 14, 1963, in Kerala, India.

MR. and MRS. JAMES ANSON DRAPER, BA '57, a daughter, Maria Theresa, November 6, 1962, in Madison, Wisconsin, U.S.A.

MR. and MRS. JAMES E. ECCOTT, BCom'55 (née SHIRLEY-ANNE GRIFFIN, BA'54, BSW'55), a son, Geoffrey William, January 4, 1963, in Montreal, Quebec.

MR. and MRS. DOUGLAS E. FORREST, BA'54 BEd'57, (née C. E. NORAH MAYNE, BA '54, BSW'55), a daughter, Cheryl Norah, December 30, 1962, in Langley.

MR. and MRS. LUCIAN A. GALLINARI, LLB '58, (née SALLY O'CONNOR, BA'49), a son, John Dino, January 1, 1963, in Vancouver.

MR. and MRS. IAN B. KELSEY, BPE'58, MPE'59, a daughter, Cheryl Anne, January 20, 1963, in Vancouver.

MR. and MRS. IRVING J. KNIGHT, BPE'56, a son, Steven Bradley, February 3, 1963 in Lake Cowichan.

DR. and MRS. ANTOINE LEPAGE, (née GENEVIEVE GILMOUR BONE, BHE'51), a son, January 24, 1963, in Montreal, Quebec

MR. and MRS. L. MOORE, (née MARGARET HELEN MACGREGOR CAMPBELL, BA'55), a son, David Kenneth, January 26, 1963, in Boulder, Colorado, U.S.A.

MR. and MRS. WAYNE MORGAN, BASc'62, a daughter, Marianne Noël, December 28, 1962, in Cranbrook.

MR. and MRS. J. A. S. NEILSON, BSA'46, BA'47, a son, Brian Alexander, January 3, 1963, in Vancouver.

MR. and MRS. JOHN P. R. NICOLLS, (née NAN HARDIE, BSA'50), a son, Roderick Pethybridge Ranking, February 2, 1963, in Vancouver.

REV. and MRS. NEWTON C. STEACY, BA'52, a son, Richard John, August 6, 1962, in Prince George.

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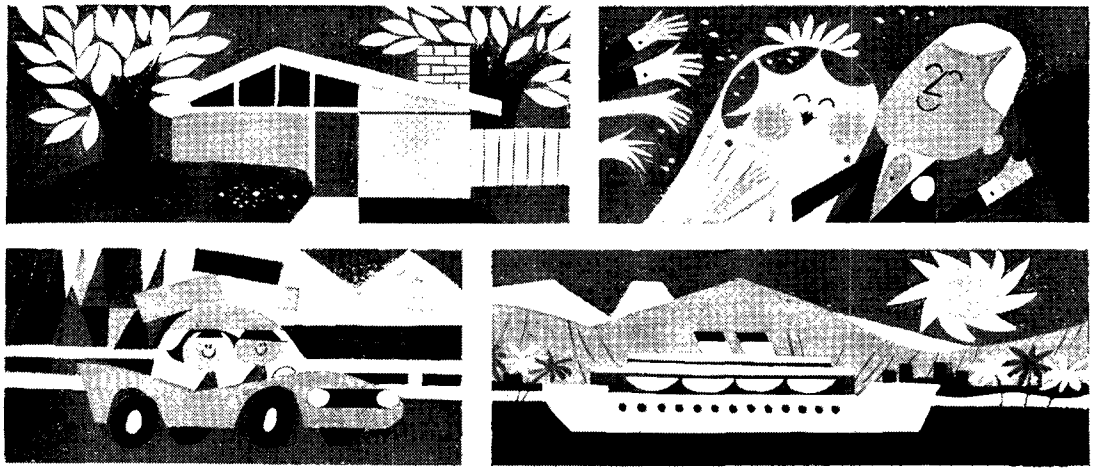

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Deaths

1925

Dorothy G. Taylor, BA, one of Canada's best known newspaper women, breeder of champion livestock and world traveller, died January 21, 1963, at her home in Haney. She was 62.

Miss Taylor was the daughter of the late Senator J. D. Taylor and succeeded him as editor and publisher of *The British Columbian*, the New Westminster newspaper.

She completed her education at the Sorbonne in Paris after attending Crofton House School and UBC, where she began her newspaper career as a member of the *Ubyssey* staff.

Miss Taylor was one of the first women to travel the Alaska Highway at a time when the presence of women was officially frowned on. Later she explored the Pyrenees with a donkey and Brittany on a bicycle, then visited Argentine's Rio Negro territory on the Pampas.

A former president of the B.C. Jersey Breeders' Association, she exhibited her prize cows at agriculture fairs across Canada while covering the events for her newspaper. She was also a breeder of prize-winning chickens, saddle horses and Irish terriers.

Miss Taylor was a past president of the Canadian Women's Press Club, the New Westminster Soroptomist Club and numerous agriculture and community groups. She retired to Haney in 1954. She leaves a sister, Mrs. M. L. Emes, and a nephew, R. D. Taylor.

1930

Lieut.-Col. Emsley Lewis (Buck) Yeo, BA (McGill), MA, died on Christmas Day, 1962, after a short illness. He was 67.

He retired two years ago after a notable career in teaching and as a coach and referee in rugby and basketball. He boasted the most authoritative referee's whistle in the west.

He taught at King Edward, at Vancouver Technical as vice-principal and principal at Britannia, as principal at Magee and Lord Byng.

He prized most his discovery and training of Percy Williams, the Vancouver boy who won glory as a sprinter in the Olympics of 1928. He lent Williams his first pair of track shoes.

He is survived by his wife, and son and daughter, and six grandchildren.

1931

Mrs. Joe Spence, née **Idelle Louise Wilson,** BA, MA(Clark), died December 23, 1962, at Barrie, Ontario, where she and her husband had been living for the past three years.

After study at London School of Economics and Toronto she became a research specialist, first at Queen's University, then in Toronto with the Congress of Labour where she acted on arbitration boards several times in labour and wage disputes. She married Joe Spence, an official in the Congress of Labour. They both retired four years ago. E. R. Bewell, BScAg(Man.), MSA '31, is an uncle.

1948

Stan Cox, BA, a teacher at Victoria high school, died on May 18, 1962, after open heart surgery. He leaves his wife, Kay, and five small children, aged 1 to 7.

Clifford H. Smith, BA(Sask.), BEd, a popular Abbotsford junior high school teacher, was instantly killed in a car accident while driving to school on December 17, 1962. He was a curling coach and a member of a committee to teach public speaking in secondary schools in addition to his regular duties. He leaves a brother and sister in Abbotsford.

1950

Mrs. Conrad H. Lamberton, née **Anne Mary Woollam,** BA, died on March 15, 1962. She leaves three children, Joanne, 6, John, 4, and Jim, 2, and her husband, who also graduated, as a mechanical engineer, in 1950.

1962

Mariska Funk, BEd, died in Kenya in a motor accident. She was teaching at the Hill School, a private British school, in Eldoret. She was on her way to Mombasa when the car turned over and she was thrown out. An RAF helicopter pilot nearby brought her to Nairobi, but she died during the flight. Her father survives her in Rydal, Pennsylvania.

Catherine Jean Sharp, BA, was killed in an avalanche on Mount Whaleback in Yoho national park on December 30, 1962. She was 22.

Nine men and four women, all UBC skiers, were having a post-Christmas ski holiday. They were all caught in the avalanche.

Two managed to dig themselves out, and all the party was rescued and revived but Jean Sharp who failed to respond to artifical respiration.

Jean, who was taking a year of teacher training after graduation, is survived by her father, Dr. Robert F. Sharp, BA'32, her mother and her two brothers, R. Murray Sharp, BASc'59, at the University of Western Ontario, and David, in his first year at UBC.

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