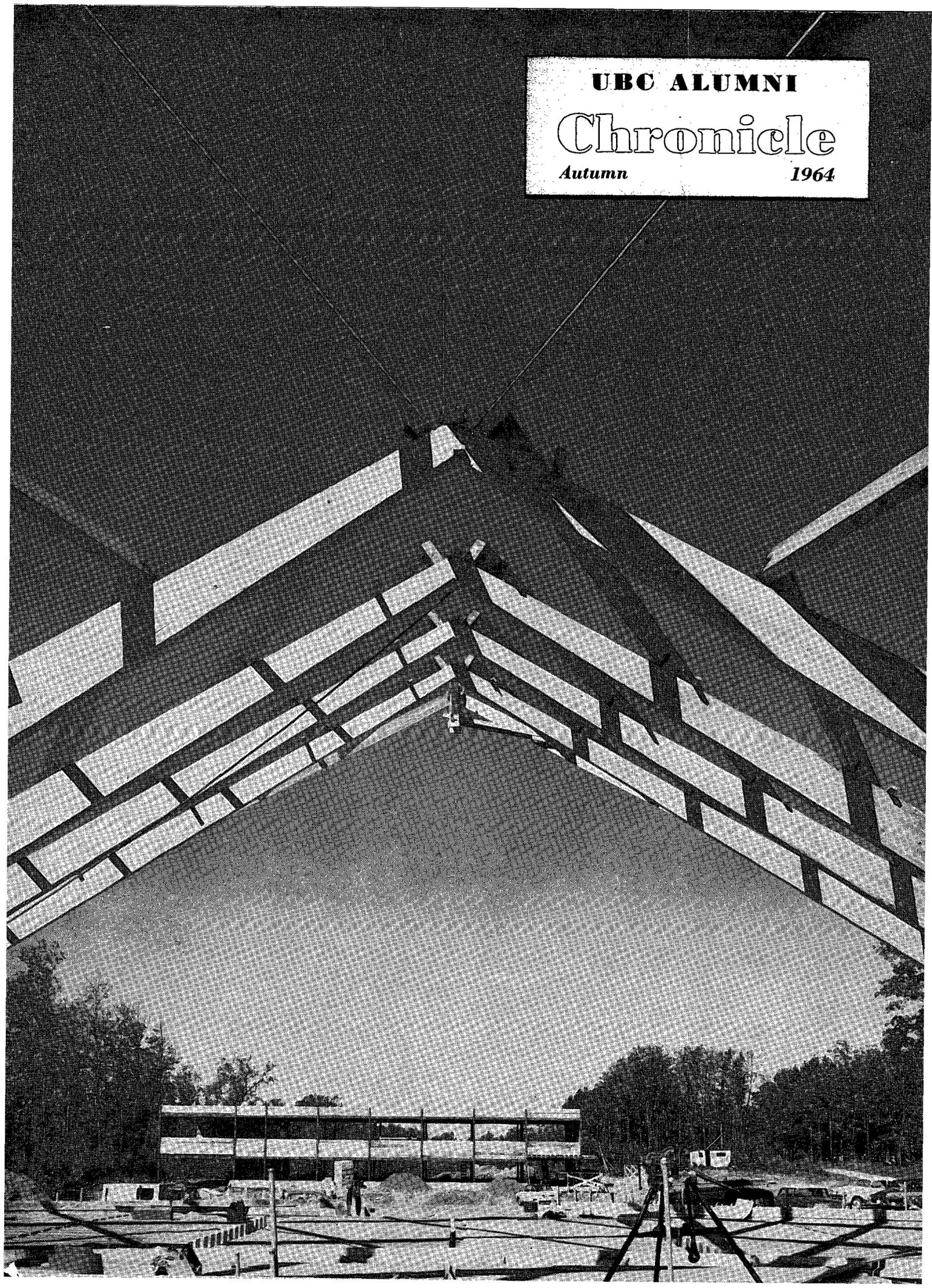


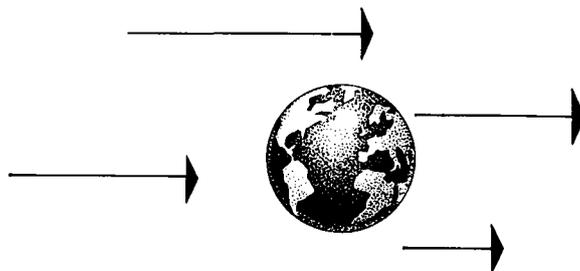
UBC ALUMNI

Chronicle

Autumn

1964





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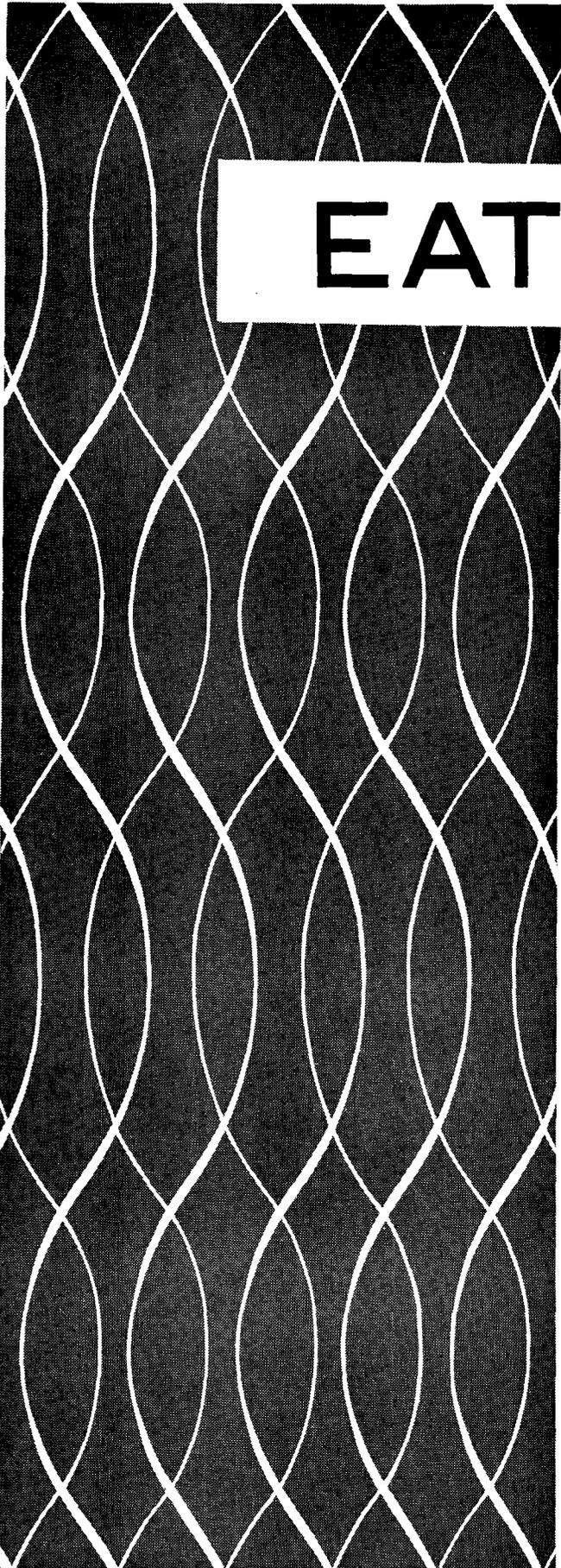
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U.B.C. ALUMNI CHRONICLE

Volume 18, No. 3 — Autumn, 1964

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Published quarterly by the Alumni Association of the University of British Columbia, Vancouver, Canada. Business and editorial offices: 252 Brock Hall, U.B.C., Vancouver 8, B.C. Authorized as second class mail by the Post Office Department, Ottawa, and for payment of postage in cash.

The U.B.C. Alumni Chronicle is sent free of charge to alumni donating to the annual giving programme and U.B.C. Development Fund. Non-donors may receive the magazine by paying a subscription of \$3.00 a year.

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OUR COVER PICTURE was chosen to lead the reader into the story of the just-opened British Columbia Institute of Technology on page 7. It is indicative of the type of structure in which the building technology at the Institute will be involved. Perhaps it could also be taken as symbolic of what is happening everywhere in education to-day.

SOMETHING NEW THIS ISSUE are the line drawings which enliven the Homecoming pages in the middle of the book. Eve (Mrs. R. D.) Buchanan, the artist, took fine arts training at St. Mary's Academy, Winnipeg, and continued with it, and commercial art, at the Technical College, Regina. Her specialty is animal portraits—family pets, horses.

Mrs. Buchanan with her husband, a UBC alumnus, is a life member of the Western Art Circle and she has regularly had pictures hung in their exhibitions. Currently she has a one-man show at the Gallery of B.C. Arts, Chilco and Georgia.



Divided Loyalties— A new doctrine

*David M. Brousson,
President, Alumni Association*

ALUMNI ASSOCIATIONS and their parent universities have always preached loyalty to Alma Mater, and every means of persuasion, from emotional sentiment to practical common-sense, has been used to develop and maintain devotion to "dear old U."

To-day, in British Columbia, we believe a new doctrine is necessary—a doctrine of divided loyalties.

There are those who would set UBC against Simon Fraser, and both of these against Victoria University, in every sort of competitive situation, and there are many who may feel a special interest in one or the other because of geographical or other reasons. Should this be so? Let us examine the background.

In 1962, when we had only vague misgivings about our failure to provide for the requirements of higher education in B.C., many people advocated that future organization should be enlargement and extension of UBC—the so-called federated system. Then, in 1963, Dr. Macdonald in his report recommended a variety of independent institutions, each one faced with the challenge of its own philosophy, its own destiny, and now the government has implemented the report by provision of such multiple facilities.

BUT THE IMPORTANT POINT TO NOTE is that these institutions are not competitive, in any but the finest sense, but rather *complementary* to each other. It is absolutely vital to UBC, for example, that Simon Fraser open successfully on time, or else UBC will be swamped with students in 1965, and many UBC staff members are doing everything they can to help SFU, from President Macdonald down—in fact, Dr. Macdonald has been called the father of SFU.

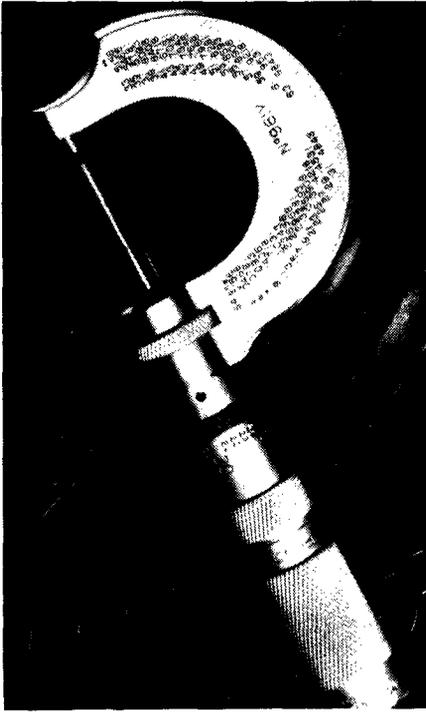
It is essential today for a great university to have around it an interested, informed body of alumni, to provide the community climate in which the institution can thrive. We therefore commend to your support institutions of higher learning in your own sphere of interest, and point out that

the newer institutions need support and interest as well as the older.

AT THE SAME TIME, while you may plan to send your son or daughter to one of the newer institutions, if he or she plans special professional training, or advanced graduate work, it is more than likely that he will end up at UBC anyway. Thus, what we are really talking about is support for the total body of higher educational institutions.

Do you live in Victoria, or Burnaby, or Peterborough? Then by all means support UVic, or SFU, or Trent, in every way you can, socially, intellectually, financially. But remember that as a graduate of UBC, you have a continuing responsibility (some will say, a lifelong debt to repay) to insure its well-being as the senior institution of higher learning in British Columbia.

We believe that the division of our loyalties between two or three or more great institutions of higher education will in no way diminish our loyalty to any one, and especially not to our own Alma Mater, the University of British Columbia.



Higher Education's Latest Tool

IN BURNABY MUNICIPALITY, situated next door to the vocational school, near neighbour to Simon Fraser University, stands the physical plant of the latest addition to British Columbia's post-secondary educational system—the Technological Institute. With its opening in September the middleman came into his own. The middleman is the technician, that essential bridge in to-day's world between professional man and tradesman.

The Institute's first calendar sets out what it hopes to do for its students: "It is the aim of the Institute to produce technicians who, with additional experience, rapidly will assume responsible, supervisory, or managerial positions in business or industry, as graduate technologists. Their particular interests and abilities should be in the applied aspects of engineering or business rather than in the development of new basic principles. In this respect, it is expected that they will provide liaison between the professional and the craftsman."

Planning for the Institute started in 1961, following a Royal Commission Report recommending the establishment of a technological institute in British Columbia.

Western Canada, indeed Canada as a whole, has been poor in educational institutions which would provide technical as distinct from vocational training. In the engineering fields, for instance, the British Isles and U.S.A. have found that from three to five technicians are employed to every professional engineer. This is the figure at which Canada should aim, correcting a situation in which professionally trained engineers are being used as technicians (for which they are not trained) for lack of qualified "middlemen."

The Technological Institute's Advisory Council is headed by Dr. J. F. K. English, Deputy Minister and Superintendent of Education, as chairman; J. S. White, Director of Technical and Vocational Education and Regional Director

of Canadian Vocational Training, Department of Education, vice-chairman; and the principal, E. C. Roper. They are supported by a dozen council members who include senior members of UBC's faculty and top executives from industry. Advising in seventeen specialized fields as diverse as Broadcasting Communications and Mining Technology are committees made up of experts from all those fields.

These advisory committee members are men with a personal stake in the Institute. They represent businesses and industries which need technicians and they know just what sort of training they wish those technicians to have.

Technological training is expensive training and the advisory council and committees had the taxpayers' as well as the students' interests at heart when they estimated the number of technicians that could be absorbed in each field under study. With the Institute's opening date set for September, 1964, the first graduates of the two-year courses—they are almost entirely two-year—would be seeking jobs in 1966. The hope was to give industry all the technicians it needed and jobs to all the newly-qualified technicians.

The Institute was built, equipped and staffed on the basis of those estimates but British Columbia's expanding economy got ahead of the estimates. Months before opening date it began to appear that estimates in many fields had been too low.

As it stands this September, the Technological Institute will enroll 750 students, and in 1965, 1500. All indications are that it will, within a very few years, have to be enlarged to take in many times that number. Another development that is likely and desirable is the establishment of branches of the school in towns with heavy industry, branches which will specialize in a department particularly applicable to that region.

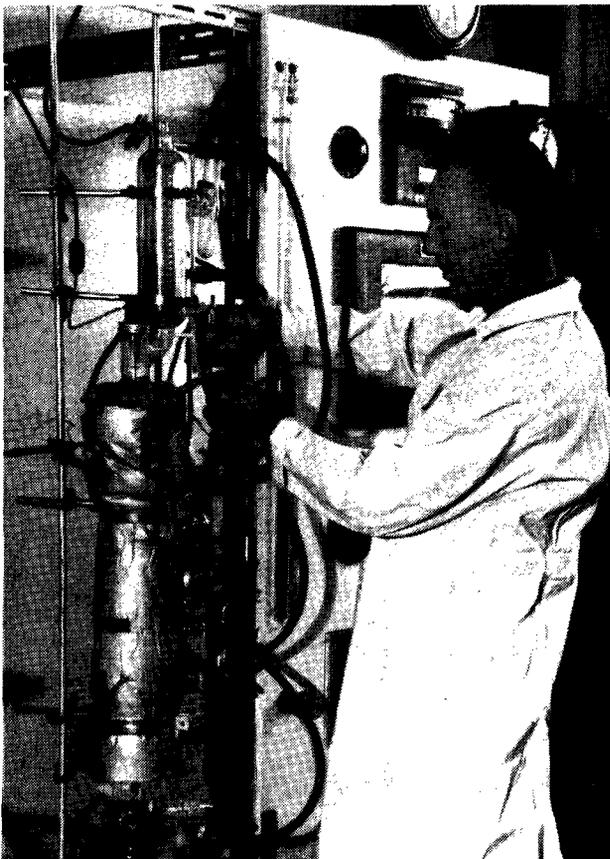
(Continued page 8)

Edward Cecil Roper, BSc, (Alta. '36), MBA (UBC '60), principal of the British Columbia Institute of Technology, spent the years between degrees in private industry. He was first with Britannia Mining and Smelting, rising in the organization from miner to manager, which latter post he held from 1947 to 1955. In 1955 he became executive vice-president and director of Howe Sound Company, New York, as well as holding directorships in several other companies, until 1957 when he was appointed president of the Howe Sound Company. He left them to take his Master of Business Administration degree at UBC and then to join the staff.



What has happened to make technological training a necessary feature of our system of higher education? Essentially two factors are involved: the advancement and increasing complexity of science, and the need to continue to be competitive in a technological world if, as individuals,

Student in Gas and Oil technology



we wish to maintain our standard of living. In the field of engineering, for example, thirty years ago our University Faculty of Engineering was giving much the same training that the Institute now proposes giving to its student technicians. To-day the Engineering Faculty, as Dean Myers, its head, expresses it, supplies the student with the ammunition; it is up to him to take it from there. In other words, his studies are more theoretical, less practical, than they were.

Not all the departments at the Technological Institute have anything like engineering's long history. As examples, there are Food Processing and Restaurant, Motel and Hotel Management (the latter under the direction of M. M. Coltman with John Lindenlaub, until recently manager of the food services at UBC's Faculty Club, in charge of the restaurant end.) The British Columbia Institute of Technology is the only school in Canada training technicians in these fields.

Another course which belongs very much to this half of the twentieth century is in radio and TV communications. There are two distinct branches here, production and technical. Students in production study contemporary history and current events among other things, and produce, also among other things, news broadcasts with commentary based on the latest wire releases, in the school's fully-equipped broadcast studio.

Forest Technology has a lab. furnished with miniature equipment to illustrate all the processes of pulp and paper manufacture.

Applicants for admission to the Technological Institute must show academic standing comparable to that required by any of our universities. As with the universities, special consideration may be given to the mature student who can show evidence that he is likely to succeed in the course he has chosen even though he may lack certain formal prerequisites.

It seems probable that the Institute will have a fairly high proportion of mature students. Although closing date

for admission applications was August 15, before June was out and before the high school applications had begun to come in, there were more applications for all departments than could be accepted. A particularly interesting point about these early applications is that about 25% of them came from people who had attended university for one or more years, had not found there what they hoped, and had dropped out without graduating. Most of these early applicants had had some years of experience in business or industry and many of them said that the Institute was offering what they would like to have taken when they left high school and had, many of them, enrolled at the university as the only institution of higher learning open to them.

In spite of the fact that so many more qualified people applied than could be accommodated, admissions were not made on a first-come-first served basis; high school graduates received due consideration. When classes started on September 10 students ranged from sixteen years to middle age.

Perhaps some disappointed applicants were shocked to find that the Institute of Technology is not a haven for poor students, and yet others may have been surprised to learn that it is not another form of university. It is its own kind of school. If a student should wish to transfer to UBC, for instance, the principle laid down in the Macdonald Report would apply:

"Transfer should be possible between institutions but it should be based not on identity of courses but on performance of students. Admission policies should be concerned less with prerequisites and more with evidence of ability when students seek transfer from one institution to another."

Translated into terms of Faculty of Engineering vis à vis the Institute, the Institute would not be interested in a student who sought admission because he had failed at UBC. Conversely, UBC might be ready to give credit to an

Medical lab students receive tips from Mrs. Joan Blair



Mr. L. Irvine, head of Broadcasting technology, pictured in the Institute's completely equipped studio

Institute student for certain of his courses, although transfer would not be automatic, and ordinarily such a student would come in as a freshman.

It is unlikely that many of the students who choose the Technological Institute because of their interest in the practical application of knowledge will later wish to transfer to some other institution. The Institute's shops and laboratories have the latest of modern equipment, from x-ray machines to computers, the sort of thing that doesn't come at bargain prices. The metallurgical technology has a stigmatic spectograph with a price tag of \$26,000. Gas and oil uses Martin's distillation unit at \$12,500. The materials testing laboratory is furnished with a 200,000-pound tensile testing machine which cost \$26,000. Chemical technology makes use of a \$24,000 x-ray fluorescence and defraction machine. That sort of thing is necessarily repeated throughout the Institute.

Here and there some older machine stands out among the shiny nineteen sixties models, such as an x-ray unit of the sort that technicians might encounter in some of the province's smaller hospitals.

Costly as technological training is, it is essential if British Columbia industry is to continue to grow and provide jobs for a growing population. It may (or may not) be some comfort to the provincial taxpayer to know that 75% of the cost of this equipment comes out of his federal pocket, together with 50% of the operating cost.

If the Technological Institute is to give full value for the investment it represents in human as well as economic terms, then parents must be persuaded that there is nothing prestigious about having a son at university if his field of interest is to be found at the Institute. Not only will he have a more personally rewarding life in doing the work he was meant for, but he may very well find it more financially rewarding.



The late Honourable Chief Justice Sherwood Lett

In War and Peace

A Servant of his Country

MANY WORDS OF EULOGY have been spoken and written about Sherwood Lett since his untimely death on July 24th, 1964. As few Canadians have ever done before, he leaves the imprint of services rendered to his country, province and city. When one reads the record of his accomplishments in both World Wars, his tour of duty as Canadian Commissioner of the Indo China Truce Supervisory Commission, Viet Nam, his participation in community affairs, his tremendous contribution to the building of the University of British Columbia to its present highly respected position amongst educational institutions, his activities as a Bencher of the Law Society and President of the Vancouver Bar Association, and finally his judicial duties, first as Chief Justice of the Supreme Court and latterly as Chief Justice of British Columbia, one is amazed that one man could accomplish so much and with such distinction. Everything he undertook received his utmost care and attention.

His name will always be remembered for his influence upon the life and growth of his beloved University. He was a student at McGill University College, Vancouver, when that institution lost its identity in this province and UBC opened its doors in 1915. Sherwood Lett became the first president of the UBC Alma Mater Society and graduated in absentia in 1916 when he was in the army. In 1919 he went to Oxford as a Rhodes Scholar, returned to Vancouver in 1922, and took up the practice of law. He soon became identified once again with the University of British Columbia when he was elected to the Senate in 1924 and was a member of that body until 1955, and also did double duty as a member of the Board of Governors for several years. During this period he was elected president of the Alumni Association on three separate

occasions. In 1951 he was elected chancellor, the highest office in the University, which position he held until 1957.

Sherwood Lett's military career commenced with his enlistment in 1915. He served until the end of the war during which he won the Military Cross. He did not lose interest in the army after the war was over but maintained an active interest with his old unit, the Irish Fusiliers of Canada, later becoming its commanding officer. In 1940 he again heeded the call of his country and was soon appointed to command the 4th Canadian Infantry Brigade which took part in the Dieppe raid in 1942 in which he was seriously wounded and was awarded the D.S.O. for conspicuous bravery. He returned to Canada where, after a long course of treatments for a badly shattered shoulder, he was appointed Deputy Chief of the General Staff at National Defence H.Q. But before D Day he was back in England in charge of his old brigade. Shortly after landing on

D Day he was again wounded and his career as an active fighting soldier finally came to an end. He continued with other duties including an expedition to the Aleutian Islands, until the end of the war. In 1949 Sherwood Lett received an appointment which he prized very highly, that of Honorary Colonel Commandant of the Royal Canadian Infantry Corps.

In all the positions of authority held by Sherwood Lett, no matter in what area of activity, he filled them in such a manner as to command the respect and admiration of all those with whom he came in contact. They respected his ability, intelligence, courage, integrity, modesty, and thoughtfulness for others.

The words of Prime Minister Lester Pearson when he heard of Sherwood's death, and whom he described as "one of my oldest and closest friends," will be endorsed by all who knew him when he said, "I know of no Canadian who has served his country in war and peace with greater distinction and more unselfishly."

THE SHERWOOD LETT MEMORIAL SCHOLARSHIP FUND has been established by the Alumni Association as a memorial to the late Chief Justice. It is a recognition of his many and great contributions to the life of this University, of British Columbia, and of all Canada, and it is hoped that this Fund will serve as the vehicle for the tributes of all segments of the University community as well as of the many other areas touched by Mr. Lett during his lifetime of service.

Trustees of the Fund are Mr. Justice Arthur E. Lord (chairman), President Macdonald, Mr. Justice Nathan T. Nemetz, J. Stuart Keate, and David M. Brousson.

University of British Columbia students will be the beneficiaries of the Sherwood Lett Memorial Scholarship Fund, but more detailed terms of reference will be established later.

In announcing the Fund, Mr. Brousson stated, "Mr. Lett's years of service to UBC touched the lives of thousands of students, and we hope that alumni will lead the way with many contributions, regardless of size."

Donations should be sent to the Alumni Association, 252 Brock Hall, University of B.C., Vancouver 8, B.C., and designated for the Sherwood Lett Memorial Scholarship Fund. Receipts for tax purposes will be issued.

PROGRAMMED LEARNING

LOGGERHEADS



*Adrian Marriage, Assistant
Professor, Social Work*

PRO

I WANTED TO BEGIN BY SAYING that I took a far less extreme view of this question than the terms of the motion before the house allow me to admit. Of course programmed instruction is for people. It lends itself to certain subjects very well, and when it does it improves efficiency, increases flexibility, frees the teacher from routine duties, encourages independence in the student, brings out the more obvious aspects of the formal structure of the subject, raises the average *minimum* levels of instruction in the field, promotes the search for rational learning sequences, and no doubt has all sorts of other advantages I can't now think of. As a matter of fact, it always has had such advantages—as generations of schoolboys working their way through Latin primers could testify, if they could be acquainted with the terms of the argument.

I say "I wanted to begin. . .," and so I have. And you may wonder why I introduce a note of equivocation by putting these concessions to my opponent into indirect speech. The reason is quaint. It is that I could not indicate the reluctance of the issues to conform to the unyielding patterns of "either—or" so long as I stuck to the rules of this kind of dialogue. The central convention of formal debate is that the motion is either true or false, and the dialectical possibilities of the convention are limited to assertion and counter-assertion. These possibilities can be enriched only at the cost of corruption of the convention and this is what in some part accounts for the special pleading characteristic of debate—including parliamentary debate. The factitiousness and the commitment to dichotomy

For at least the past ten years we have been hearing about a new educational development called teaching machines. Everyone has agreed that the machines are not so important as are their contents, called programs. It has been claimed that programs are built according to psychological principles of learning which make teaching machines far more efficient teachers than any we have traditionally had. At the other extreme, it has been noted that much of the learning theory upon which programs may be based

of this method of reasoning give it the dramatic excitement of a contest in which we know that one of the gladiators has to die, as they also give it the comedy of absurdity. But we know perfectly well that it is a preposterously inefficient method of reasoning, and we know that its relationship to the plastic qualities of truth is infallibly Procrustean.

What I want to suggest is that the implicit model of argument in programmed instruction is that of formal debate. It seeks to convert human knowledge into sets of "true" propositions about discrete matters, where the truth of these propositions is guaranteed by, and at the same time guarantees, the falsity of all alternative propositions. What is worse, it seeks to convert—I should not hesitate to say "reduce"—human learning to a repertory of acts of recognition of true propositions. If the Objective Test is a parody of judgment upon achieved intellectual competence, Programmed Instruction is the correlative parody of the process of achieving it. Its representations of reality acquire form by brutally restricting the options of discourse. The Roads to Parnassus all lie along the edges of razors.

Now some truths *are* uncompromising. Coins *do* come down either heads or tails. And to the extent that this is so, there is a place—as the limp phrase goes—for programmed instruction. But it is a very peculiar place, and it occupies a very modest territory. Its place is at the threshold of genuine thinking, and its territory is that of the platitude. We need to acquaint ourselves with truisms so that we can

(Continued page 14)

IS NOT FOR PEOPLE

LOGGERHEADS

was developed using rats and pigeons, and that programs are therefore for 'people who learn like pigeons.'

In any case, programs have been tried in B.C. schools. Classes have studied a whole ninth grade algebra course by program and many other shorter programs have been used. Because of the wide disagreement over the value of programs we have invited two educators from our faculty to debate the question, 'Programs are not for people.'

SINCE OUR RACE BEGAN, we have made tools. And as long as we have made them, we have had to contend with two perverse human reactions to them.

Since the days of King Alfred's sword, through the cargo cults of Polynesia to a recent CBC spectacular on computers, some of us have chosen to attribute spirits and wills of their own to our tools.

Probably in reaction to the sight of people worshipping the gods in the machines, another group of people like Rousseau, Thoreau and Huxley have lamented the latest tools and have yearned for an earlier, simpler age.

The first reaction is usually the result of ignorance and the second of nostalgia. Neither does much harm provided we do not take them too seriously. The first helps to romanticize science and attracts adolescents to worthwhile professions. The second sells summer camps, barbecue pits and feature wall fireplaces.

The program is a recent tool of education. We record a conversation between a teacher and a student, and then erase the student's responses. We then ask a new student to run through the conversation on his own, providing his own responses. Anyone who has conversed with children recognizes the limitations of this procedure. Children quite often give unconventional responses. To be effective, a canned conversation must be so obvious, brief and directed in the teacher's part that there is little chance for digression in the conversation. Such a conversation is generally long, narrow and dull. On the other hand, such a teacher is patient, thorough and exceedingly tolerant of daydreaming.



*Eric McPherson, Assistant Professor,
Education & Mathematics*

CON

Whether or not one wishes to indulge in long, narrow and dull conversations depends upon one's objectives and upon the alternatives. When there is some simple routine material to be mastered, many students prefer a patient, thorough and tolerant program to an impatient, brilliant, intolerant human being. Whether we like it or not, most human teachers are impatient with dull, routine but necessary material.

Most commercial programs published to date have been too long, too dull, and incredibly naive pedagogically. Even so, the short ones have worked very well. As might be expected, the long ones have not worked so well.

When any new tool is suggested, there is no point asking how good a tool it is. The important question is whether or not we can use it to do better something we want to do. For the program, the answer to this question is yes.

For fear of being misunderstood, most teachers do not mention in public the fact that every day every teacher ignores the difficulties that many students in his class are having. There are only so many minutes in a day, and the teacher must distribute the time he has as equitably as possible. The program has great possibilities for remedial purposes. When a pupil cannot have a personal teacher, the program may be the next best thing.

Further, it is generally recognized that homework is an overrated pastime. While some students can learn effectively at home, the majority waste a great deal of time. Again, the program can direct the student's home study.

(Continued page 14)

Marriage



know them for what they are. There is a sense, therefore, in which the ideal end of programmed instruction is self-destructive: it is useful in the degree that it can assist us to the point where we can dispense with it.

The point at which we can dispense with instruction is the point at which education begins, for instruction is not so much a part of education as it is a prelude to it. Education is a sustained and purposeful conversation between an intelligent and intellectually mature person and an intelligent and intellectually immature person. We call the first a teacher and the second a student. This conversation must be playful and wayward if it is to do justice to the caprice and disorder of the world; it must also be serious and consecutive if it is to show respect for the orderliness of the world—what Einstein might have called its “honesty.” Reality (as it has become necessary to remind the present generation) is complex, elusive, subtle, contradictory, fleeting, and incorrigibly odd. Conversations about reality which celebrate the virtues of neatness, simplicity, linearity and compactness have both their merits and their charms; but they are the merits and charms that Hamlet did not fail to recognize in Fortinbras.

I will be cryptic about the educational fruit of the ideal dialogue between teacher and student: it appears when the student catches the teacher’s tone of voice.

There would have been a dozen other passable routes to an encounter with this very difficult and very important problem. Limitations of space and temperament alike have obliged me to choose one that I believe to be direct but, at the same time, admit to being dark. So let me break the law I have just enacted and simply summarize. The strength of programmed instruction is that it organizes, abbreviates and simplifies. This undoubtedly saves effort. But the most compelling enterprises of intelligence are precisely those regarding which no effort can be spared. To attempt them is the central task of any education worth having. The aim of that education is to install an adequate tolerance for complexity without creating a disposition to surrender to it. And this is something that programmed instruction simply cannot do.

True or False? True. Proceed directly to the Second Lesson.

McPherson



Finally, those students who for physical or mental reasons cannot participate in ordinary classroom instruction can do better with programs than they can on their own.

In each of the above cases, the program is a substitute for something better, a human teacher. As long as we cannot provide a tutor for each student, programs will be of some value.

But this is only one side of programs. Besides doing some things for us that we presently cannot do because of human physical limitations, they can take over a few tasks that we undertake out of necessity but will be glad to be rid of.

It is only a matter of time until those teaching tasks which are beneath human dignity will be handled by program. And it is beneath human dignity to teach fifty French verbs, twenty fourth-grade spelling words, the atomic weights of fifteen elements, or twenty-five instrument symbols in chemical engineering. Yet on such stuff we build important generalizations. We have found that programs will help us teach these things better than we have taught them before. They are a new educational tool. Nothing more. Nothing less.

A few educators have bent to worship the god in the teaching machine, but far fewer than the Sunday supplements would have you believe. Larger numbers, abetted by B. F. Skinner, have joined the debunkers. This learning theorist and his students have done a large amount of important but financially unrewarding work in free operant conditioning with rats, pigeons and children. He also wrote a long program in psychology. Whether or not Skinner believed that the two were related, he created the impression that they were.

Educators, who are less naive now about cognitive learning than they were in the days of E. L. Thorndike, were quick to point out the difference and observe that Skinner’s own programs have little to do with free operant conditioning.

It is easy to see how those who yearn for the Mark Hopkins variety of education anyway have seized on this misunderstanding of programming as an excuse for rejecting this new educational tool.

In fact, programs are as old as the Studebaker arithmetics, not very exciting, but quite useful for some purposes. They will continue to be adjuncts to textbooks, workbooks, chalkboards, photographs, filmstrips, films, opaque projectors, I.T.V. and a host of other educational tools until something better comes along. The fact that each of these tools, beginning with the textbook, has been deified by a few and lamented by a few is beside the point.

Fire is for people.
Airplanes are for people.
Zippers are for people.
Enovid is for people.
And programs are for people.

Shopping Centre Campus for UBC?

EDITOR, CHRONICLE.

All UBC alumni who have benefited from participation in campus athletics at inter-varsity, intramural or casual levels will be concerned about the most recent development pertaining to green playing fields on the campus.

Perhaps they have noticed that the engineers, architects and medical students can no longer throw a ball on the chemistry lawn or botanical gardens field; that the sounds of team combat on the Aggie field have ceased; and that green open space is generally disappearing from the campus academic core.

They may not be aware that the students have staged an architectural competition to erect their new student union building on the very stadium field their predecessors built; or that there is a strong possibility that the women's grass hockey field behind Brock will be paved for a parking lot.

They might well wonder why these facilities with their scenic and recreation value are vanishing from the easily-accessible mid-campus. While many cities are spending fortunes to recover downtown park space of premium land value, UBC, with no land acquisition problem, seems bent on the opposite course. At the speed at which fields are disappearing, they must be excused for presuming that sports have gone out of style at UBC.

What of the new Wolfson fields complex under development south of Agronomy Road? This generous British bequest is a valuable addition but it is not within noon-hour pedestrian scope.

More positively, we should consider the effect on future donors of the fate of the 'permanent' bequests of McInnes and Chris Spencer in the gymnasium area. On a basis of acre for acre utilization, the gymnasium fields complex cannot be duplicated elsewhere at this time.

Of primary and long-term significance, how do our field facilities stack up in comparison with those of other campuses? If you like the shopping centre atmosphere of Berkeley, we're admittedly well endowed. There is, however, a nationally accepted standard figure for playing field

requirements based on research and tested by experience. This standard figure approximates ten acres of playing fields per thousand students in Britain, the U.S.A. and Canada.

The minimum objective of the Alumni Association Green Playing Fields Committee is 120 acres by 1975 for UBC, when an enrolment of 24,000 students is envisaged. This would give us half the accepted standard. We presently have one-fifth the accepted standard with approximately 30 acres in use this fall. Is it valid to chisel this standard down for our special situation by arguing that Vancouver provides sailing, skiing, swimming and other outdoor pursuits to compensate for team field sports? In fact the standard is probably low when you remember that: (1) we host as great a variety of field games as any campus because of combined British and American influences; (2) the clemency of our climate allows these games to be played throughout the university year; (3) because of our

peninsular position, campus residence accommodation will have to increase and so we must provide complementary facilities.

The key to a planned development incorporating our minimum objective is the UBC campus master plan presently in preparation. We hope that this plan will demarcate sufficient and permanent field areas.

In the last issue of the *Chronicle* appeared an interesting article, 'At Loggerheads on Athletic Scholarships.' That discussion could terminate decisively with either of two developments. Simon Fraser University has the double features of a planned campus and a program including athletic scholarships. Should they provide a tangible lead in this field, it would be difficult not to follow suit. The ironical antithesis making scholarship athletes academic would quickly result if we had no field to put them on. Tuum est!

DUNCAN C. BAYNES,
GREEN PLAYING FIELDS COMMITTEE

Cairn dinner planned

THIS YEAR the Frosh Orientation Committee combines the traditional cairn ceremony with a faculty-alumni-student dinner. The dinner will be at 6:30 p.m., the ceremony at 8:30 p.m. on Wednesday, September 30, 1964.

Mr. David Brock, guest speaker at the dinner, will disclose the secret of "How to Brainwash Frosh."

A torchlight procession, with pipers, will move from Brock Hall to the

cairn. Principal speakers at the cairn ceremony will be Chancellor Ross and President Macdonald.

After the ceremony there will be a reception to enable faculty, alumni and students to meet informally.

All alumni are cordially invited to attend the cairn ceremony and reception. For the dinner a limited number of tickets are available at \$2.00 each, obtainable from the Alma Mater Society Office (CA 4-3242) after September 25.



The role of the public in university affairs

A UNIVERSITY differs from other institutions of higher learning in that it focuses upon two major functions. One is the endeavour to instil in its students a permanent interest in enquiry and creativity. This is done through the exercise of judgment expressed in philosophical, scientific, and humanistic modes of thought. If an institution graduates professionals, however complex and reputable their discipline, who merely repeat or apply techniques and facts already learnt, to that extent it is *not* a university but a technical institute. The second function is to expand man's cultural and intellectual resources by adding to the stock of ideas and knowledge available to society.

In both functions there is a qualitative criterion for appropriate university concerns. Enquiry is creative when it influences or bears upon general propositions (science) or when it explores or captures the wider significance of unique experience (art). To perform the functions adequately, a university must build upon manipulative technology and it must convey the traditional and current state of knowledge. But this is a means to the creative end, not the end itself. To make the university the guardian of the cultural tradition is to turn it into a conservative club, over-protective of national and cultural mythology.

Universities through the ages have served society. Its graduates have embarked on professional careers, using the knowledge, theories, technology, and methods of thought which universities have made available to them. Where men and women have had creative aptitudes and where universities have provided an environment which has allowed them to bring their talents to maturity, it can be said that universities have provided creative leaders in society.

But this is a very different matter from saying that universities exist to provide a given number of professionals for society, or that university personnel have a duty to solve social problems. If such criteria are elevated into the primary functions of universities, the universities are distorted. They turn out technical professionals to meet the

needs of numbers, the faculty are diverted from major research, and courses of instruction are added which do not meet the criteria I have set out in the opening paragraphs.

Today, many members of the public sincerely believe that lay trustees should control university funds and therefore university policy. This is based partly on the false notion that the university exists to provide a direct service to society, and partly on the premise that he who pays the piper calls the tune.

Properly speaking, these assumptions of public control should apply to the system of higher education as a totality. The public, through its legislature, has the right and duty to establish a system of higher education which will produce the number of professionals and technicians that society needs. It has the right and duty to determine, within that system of higher education, the degree to which it wants its young people to be exposed to university values. This in turn relates to such matters as the relative merits of technically limited as against open-minded professionals, the value of rational and informed thinking in society, and the desirability of giving each individual an opportunity of developing his or her creative talents to the full. Ultimately, the decision to provide public finances to support universities is a political decision which must be made in the legislature. It should be made on the basis of informed discussion in which all sections of the university community should take part, but no section of that community should have the authority or the right to represent the public viewpoint *as a whole*. In particular, the Alumni Association does *not* represent the public, and its representation on such bodies as Senate is *not* public representation; it is representation of graduates only. It is only through the legitimate political process that all aspects of public interest are expressed.

Fiscal and Academic Control

It is one thing to say that the public should determine how much tax money should support universities, and quite

*Dr. Cyril S. Belshaw, Professor of
Anthropology and Sociology, UBC*



another to say that the public should control university operations. The legislature has the obligation to ensure that public funds are not being misused. This it can do through the open accounting of university funds, through its ultimate fiscal control, and through wide public discussion of university affairs. But this does not imply representation on the university's governing body.

Indeed, independence from the government and the legislature, that is from direct political control, has been a fundamental part of the tenet of academic freedom. It has been based partly on a fear of the possibility of extreme government interference, but it goes much deeper. Well meaning interference by public representatives and pressure groups, making judgments on ephemeral criteria, or without understanding the values I outlined earlier, can and do distort the pattern of academic studies. This is the fundamental reason for the existence of so many technical and anti-intellectual courses in so many North American universities today.

The distinction that is sometimes made between the academic and the business affairs of a university is not valid. Almost every business decision has academic implications. The most glaring example at U.B.C. is in the appointment of faculty. Obviously, this is the basic means for maintaining or altering academic standards. Yet at U.B.C. this is regarded as a fiscal matter under the control of the Board, the Senate having no voice.

Who Shall Govern?

Who, then, should govern a university? In my opinion, only those who, by reason of their education and role in society, can be expected to understand the kinds of values I have attempted to list at the beginning of this essay are in a position to exercise this function properly. This will be primarily the faculty, but it could also include graduates who have been exposed to the research process as well as to undergraduate education. To increase objectivity, it

could also include a number of outstanding faculty and graduates of the foremost universities of the world. It should be noted that almost all these categories are specifically excluded from membership on the Board of Governors under the present University Act, either by reason of the fact that they are salaried members of the university, or that they are not resident in the Province, both irrelevant issues in a responsible international institution. This to me is the clearest evidence that university values are not understood in this Province, and that U.B.C. has failed to educate its students, now alumni, in these values.

Community Liaison

Does exclusion of the lay public from the organs of university government imply isolation? By no means. Here again the university has failed to create the appropriate institutions. There is a strong case for considering the establishment of a widely representative Associated Council, to include many persons who are not graduates (the majority of our population, after all), who could meet to discuss university affairs from time to time with faculty and alumni. There is a similar case for permanent liaison committees of professionals (for example, teachers, doctors, lawyers) who would meet to discuss not only the affairs of particular faculties as they relate to the profession but also the broad educational objectives and policies of the institution. (But such bodies should *not* govern or control.) Faculty members, in the course of their normal task of enquiry, examine issues which arise in society, and their knowledge is fed back into society, an interplay as fundamental to the health of the university as it is to the world in which we live. And finally, I do not believe that we have yet begun to tackle the basic and the most important intellectual aspects of continuing education—but this is too broad a topic for elaboration here.

Let us not confuse community liaison with community control of university government.

Student volunteers seen in action

UNTIL I WAS ASKED TO LOOK UP some CUSO volunteers in Jamaica last winter, I did not know that there is a Canadian organization—Canadian University Service Overseas — which places volunteer workers in under-developed countries. Nor did I know that this Canadian version of the Peace Corps is not a copy of the American idea but a simultaneous development which had one of its beginnings on the campus of the University of British Columbia.

In 1960 a Canadian committee working with Operation Crossroads Africa (with headquarters in New York) sent eleven college students to various African countries as teachers. These young people, in many cases, also helped to build schools, hospitals and libraries. In 1961, the year in which the Peace Corps was established by the late President Kennedy, a President's Committee on Student Service Overseas was set up at UBC. As its pilot project, which was financed by an appeal sponsored by the *Vancouver Sun*, this university sent two home economists, a scientist and an engineer to Ghana. During the same period, Canadian Voluntary Commonwealth Service was being organized by Guy Arnold on the campus of the University of Toronto, and Laval University and the University of Montreal were sending French-Canadian volunteers to French-speaking African countries.

Obviously it was inefficient to have

several organizations approaching foreign governments and attempting to work independently in the same under-developed areas. In June 1961 Canadian University Service Overseas was set up as a national organization to co-ordinate and administer the English and French university efforts. Secretarial help was provided by the Canadian National Commission for UNESCO until, in 1962, the Canadian

Universities Foundation under the directorship of Dr. Geoffrey Andrew, formerly of UBC, assumed administrative responsibility for CUSO, and William McWhinney became its executive secretary.

CUSO's ACTIVITIES, with one exception, continue to be financed entirely by contributions from business, industry, interested groups and private individuals. The exception is the volunteers' transportation overseas for which the Canadian government made itself responsible this spring.

Thanks to Bill McWhinney who was in Jamaica on a field trip while my husband and I were staying there, I learned most of these facts about CUSO at the same time that I was seeing volunteers in action. There were twelve CUSO workers in Jamaica at the time, for that island presents more parallels to conditions in Africa and Asia than I realized before I went there. Jamaica, which became an independent nation only two years ago, has great poverty and unemployment, hideous, crowded slums in its only city, Kingston, too few trained people to staff many services, and too few teachers for its rapidly expanding population.

THE ISLAND is so mountainous that many districts are almost as isolated as they were a hundred years ago and uneducated Jamaicans speak a patois or dialect of English which is as difficult to understand as a foreign



Mrs. John H. Creighton, BA'23, MA(Tor)

Mrs. Creighton, well-known radio personality and TV panelist, last year received a Canada Council Award to spend some four months in the West Indies, as noted in the *Chronicle*. While there she had the opportunity to see something of CUSO in action and she has given us the accompanying report on the contribution to world understanding that our students are making through that organization.

Mrs. Creighton made the trip with her husband who retired from the English department of UBC in 1963. She, herself, among her other careers, or perhaps before embarking on them, was once an instructor in the English department.

D. Brian Bayly, BA'62, the carving teacher and two other teachers with a Primary 4 class in Sarawak.



language. Jamaicans, who are about 80% black, about 15% colored (that is, of mixed racial origins), and about 5% European, East Indian and Chinese, have strongly-marked characteristics and stubbornly-held beliefs and attitudes, some of which are legacies from slavery and colonialism.

In Jamaica, I visited two CUSO volunteers who are working in a youth camp high in the mountains, "being Daddy," as they put it, to hundreds of boys at a time, in a country in which the family unit is often headed by a mother or grandmother.

Another volunteer who is teaching and supervising in an approved school—that is, a reform school—for girls told me that the highest compliment the girls can pay her is to say that she isn't white. "Because," the CUSO girl explained, "to them white isn't a color, it's an attitude they hate."

Some of the teachers in CUSO were in such remote districts that I was afraid to drive over twisting, climbing roads to see them, and very unwilling to risk the additional hazards of the country's atrocious driving habits.

WE WERE PILOTED through hazards of another kind in the Kingston slum to which we were taken by a CUSO youth worker. He wanted us to see the boys' club in which he had been working for months, a club which gives hundreds of children not only their one chance of getting any education or any training in a skill but also their one hope of a meal a

day. We expected the wary dislike with which strangers are eyed in that district; what moved us very much was the friendship and trust which adults and children obviously felt towards the volunteer.

These young people are learning to handle various kinds of isolation, to accept physical discomfort and sometimes danger, to adjust to the attitudes of a different culture, in the same ways, if not in the same degree, as volunteers in more remote areas such as Sarawak or Tanganyika. To watch them at work underlined for me the importance of the CUSO precepts: Volunteers share in the everyday life of their host countries and should seek every opportunity to meet all people at all levels.

I learned also to appreciate the importance of making the volunteer programs a partnership between CUSO and the participating country. This means that CUSO supplies the volunteers, who are first screened by local committees now set up in forty-five colleges and universities across Canada, and then screened again by a National Selection Committee. But it is the participating country or organization which makes the specific requests for definite kinds of volunteer service, and accepts final responsibility both for choosing the volunteer and for implementing the program.

CUSO provides orientation courses in Canada and in increasing numbers is arranging for such courses in

participating countries; it supplies some medical insurance for volunteers, and, if necessary, gives them a supplemental allowance. But it is the hosts who provide accommodation and a basic salary, even though it may have to be a small one.

In these arrangements responsibility becomes a two-way street, and it is in everyone's best interest to make sure that each volunteer's work is a really useful contribution to the self-help programs of an emerging country.

AS OF SUMMER 1964 CUSO had 159 university graduates assigned to volunteer posts for two years in seventeen countries. In this group twelve men and six women are from UBC with destinations which include Jamaica, Tanganyika, Ghana, Nigeria, Sarawak, India, and Grenada. Our campus also shares in the expanding orientation program: the course in area studies for Asia was given at UBC for the first time this August, with the Africa group going to McGill and the West Indies group to Toronto. Because teachers are the volunteers most in demand in all participating countries, a special training program for teachers is given at the University of Toronto.

It is exciting to learn that the number of CUSO volunteers has more than doubled since the organization was formed two years ago. It was even more impressive to learn at first hand, as I did, how well these young people are serving as unofficial but important representatives of Canada.

Three Universities in fund drive

WHEN British Columbia's three public universities go to the citizens with a fund-raising campaign in the near future, it will not be as competitors but as partners. University of British Columbia, University of Victoria, and Simon Fraser University as complementary units of the province's system of higher education are asking for financial support of the principle to which they are all dedicated—that university education should be available to every young man and woman who is fitted for it.

One way or another, it is going to cost British Columbians \$68.7 million to simply provide the physical plant for educating the qualified young people who will be seeking university entrance by 1970. Premier Bennett has promised that the government will provide \$40.7 million regardless of what response there may be to the appeal for voluntary donations. That leaves \$28 million of the total the universities estimate their building programs will require, and that is the amount the public will be asked to find.

Of the government funds UBC and SFU will each receive \$18 million, UVic \$4.7 million.

A percentage basis has been decided on for allocation of the private donations. UBC and SFU will each get 42%, Victoria 16%. SFU, since it is starting at ground level, will get the first \$4 million that is received in cash from the fund drive, but this will form a part of their percentage of the total realized.

Private donors will be free to earmark contributions to specific institutions.

SFU, no more than a gleam in President Macdonald's eye two years ago, is planning to enroll its first students (graduate physics students) in a few months' time, considerably in advance of completion of the first stage in the building program atop Burnaby Mountain. As an example of the co-operation existing between the three universities—UBC, which might well be considered alma mater to the others, UVic and SFU her children—Simon Fraser will house these students temporarily under the maternal roof

and in return Dr. Rudolph Haering, head of SFU's physics department, will teach a graduate course at UBC.

The government grant, supported by a successful fund drive, will give UBC \$29,760,000 for capital construction over the next five years, very close to its estimated requirements of \$30 million plus. (Who is to be left out in the rain has not been decided at this point.)

The building program to be undertaken on these funds includes a multi-purpose commerce-arts building, an education building, a dentistry and basic sciences building, a library addition. Next on the list are a forestry-agriculture complex, a music building, a metallurgy building, an addition to the biological sciences building which includes oceanography and fisheries, completion of the applied science complex, a social work building, and various smaller improvements.

The army huts which represent 10% of the University's present classroom space may yet disappear from the campus.

Alumni participation on increase

DONORS, as well as non-donors, to Alumni Annual Giving, are sometimes unsure of their attitude towards AAG. Just how valid is UBC's claim on them for financial support? Here are the major questions and the answers:

1. Did I put myself through UBC?

Many graduates proudly say "I put myself through university." Did they? Tuition fees were earned but even when the expensive major capital cost items and general administrative expenses are eliminated, tuition still pays only a fraction of the instructional costs.

2. Did I benefit from UBC?

Education provides a richer, fuller life. It gives the graduate the opportunity to earn an income higher than that of persons without university education.

3. Do I have a responsibility to UBC?

Your Alumni Association believes so. The University in its financial plan "The Challenge of Growth" stated it depends upon gifts to provide 14% of future funds for UBC. For UBC to fulfil its obligation to its students and to society the graduates who have benefited from their education and who appreciate the values of a university must assume their fair portion of that responsibility.

4. Should I support Alumni Annual Giving?

Graduates have an obligation to support the university which they were privileged to attend and from which they benefited through graduation. Through Alumni Annual Giving they make a significant repayment on their obligation in annual instalments. Alumni giving is a tangible demon-

stration of interest which strengthens the University and which provides it with independent support so essential to a state assisted university.

At the end of 6 months the UBC graduate support of 1964 Alumni Annual Giving continued strong—\$27,266.64 from 1,726 donors. Donors more than doubled over the corresponding period of 1962 and increased by 400 over the same period of 1963.

The theme of the campaign is "Participation, not amount."

Alumni Annual Giving, which provides funds to meet the many special needs at UBC received its strongest support from graduates scattered throughout Northern Ontario—38% of them participated.

About half of the alumni supporters in the first 6 months made unallocated donations.

HOMECOMING 1964

OCTOBER 23 & 24



Join the
Parade
because
it's ...

FUN

to REMEMBER
WHEN!

* Sketches by Eve Buchanan.

HOMECOMING ACTIVITIES . . .

HOMECOMING BALL: Commodore Cabaret 9-1, Saturday, October 24. Be on hand for the **FUN** and **FRIENDSHIP** of "The good old days" at UBC—a Boxing Day Ball, Mardi Gras and Engineers Ball rolled into one—Saturday evening at the gaily decorated Commodore. Let the dancing, floor show, bar and refreshments help you have **FUN REMEMBERING WHEN.**



Then?

FUN REMEMBERING WHEN



Now?

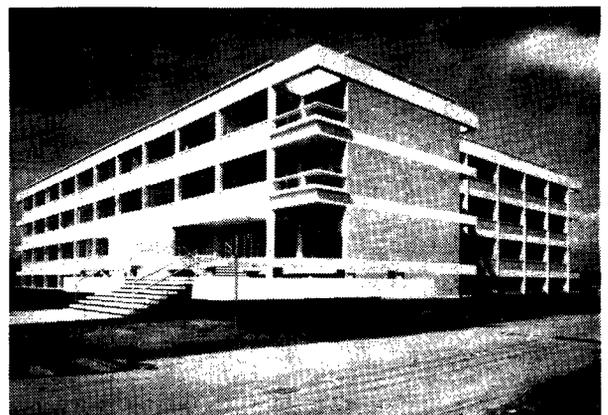


THE LUNCHEON: Thea Koerner Graduate Student Centre 11:30 a.m. - 2:00 p.m., Saturday, October 24. Cost \$1.25 per person.

Before the traditional **HOMECOMING FOOTBALL GAME** make certain you bring the family to meet your old classmates at this informal, popular event. Afterwards, refreshed, take in the game, the campus tours, and other **HOMECOMING** activities with old friends made anew.

CAMPUS TOURS: Saturday, October 24.

Saturday afternoon take advantage of this student service and see your university's many new buildings—the new Education, Physics and Engineering extensions, the Freddy Wood Theatre, and others. The tours terminate at the Fine Arts Building where an architectural display will be on view. Coffee and do-nuts served here, 25c per person. Hop aboard one of the jitneys for this fascinating tour.



Electrical Engineering Building.

... to **HELP YOU HAVE FUN** ...

PEP RALLY: Thursday, October 22
at 12:30 p.m.

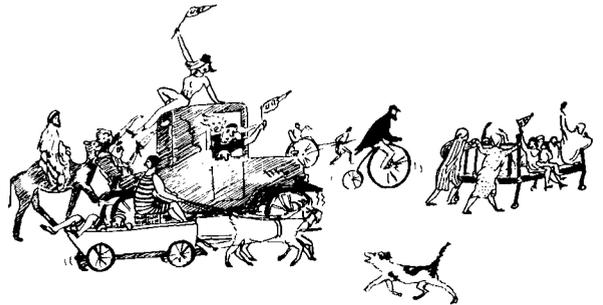
PARADE:

FASHION SHOW: Thursday, October 22 at 8:00 p.m., Auditorium.

An even bigger and better Pep Rally is planned by the students this year, to give **HOMECOMING** an exciting opener. Guaranteed to awaken **FUN**-filled memories.

The giant parade improves each year, too. Watch your paper for the route, then plan to see to-day's students having **FUN** just as we did yesteryear.

It will be **FUN**, too, seeing some of the fashions of our student years, as well as a comprehensive review of to-day's styles, at the Fashion Show, sponsored by the Pan-Hellenic groups, courtesy T. Eaton Co.



CULTURAL PROGRAM

1. Kwansai Gakuin University Symphony Band of Japan — Wednesday, October 21.
2. Art Exhibition in the UBC Library art gallery.
3. Panel Discussion: "Has the Family a Future" — 8:00 p.m. Tuesday, Oct. 20 in the new Frederic Wood Theatre, admission free.



4. Bernard Shaw's "Man and Superman" in the new Frederic Wood Theatre, October 2-10.
5. Board of Trade Luncheon, with speakers President Macdonald and Chancellor Phyllis Ross—October 19.
6. Evening lecture: "Australia Looks at South-East Asia", Professor Miller from Australia.

SPORTS for EVERYONE

1. Football Game: Saturday, October 24, 2:00 p.m. in the Stadium. UBC Thunderbirds meet Southern Oregon College in this traditional contest. Join the crowds cheering the Birds to victory and enjoy the unpredictable half-time entertainment.

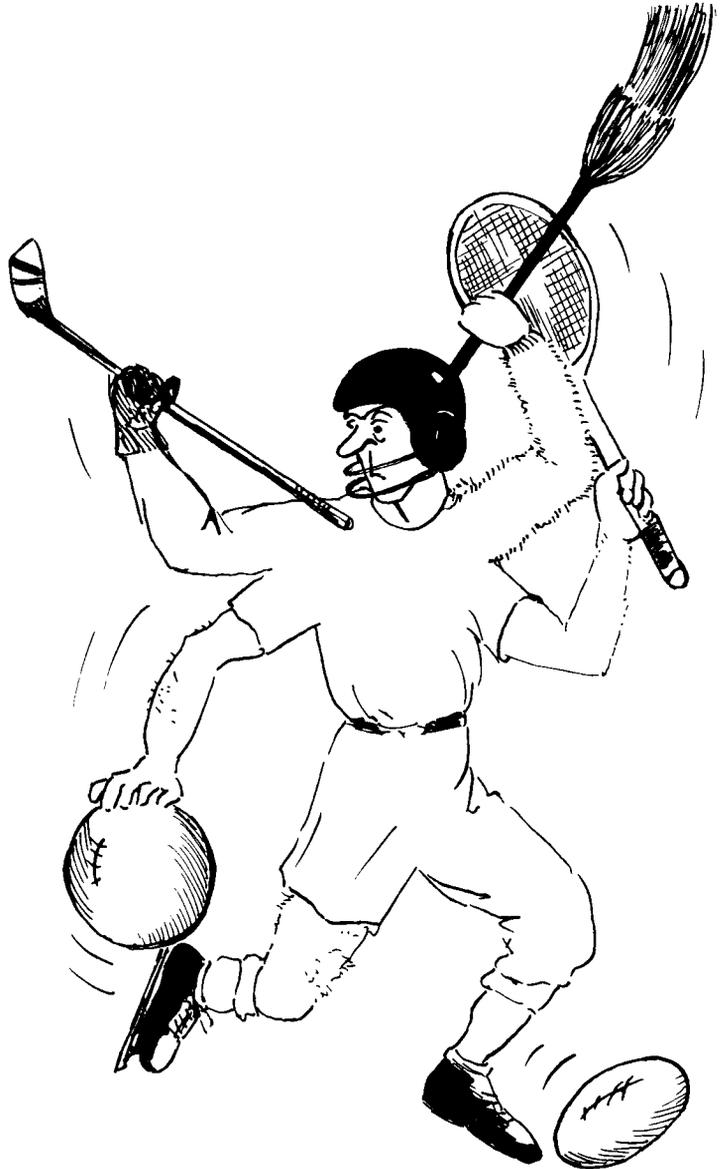
2. Touch Football: Saturday, October 24 at 10:00 a.m., gym playing field. Alumni footballers meet Alumni ruggers in a new version of the "battle of the bulge."

3. Men's and Ladies' Golf tournaments: Friday, October 23, University Golf Club. Meet old friends on the links.

4. Curling Bonspiel: October 22-25, Winter Sports Arena. Get a rink together and enter this popular event. Free luncheon ticket is included in entry fee. Meet alumni from all over the province and have **FUN REMEMBERING WHEN . . .**

5. Basketball: Friday, October 23, War Memorial Gym. Two games for your entertainment, featuring both good basketball and the **FUN** kind. Thunderbirds meet the grads from '58-63 while two other teams from the previous odd and even years clash.

6. Hockey and Skating Jamboree: Sunday afternoon, October 25, Winter Sports Arena. For the entire family.



THE EVOLUTION of HOMECOMING '64

HOMECOMING AS AN EVENT did not appear on the UBC campus until the University's 11th year of existence—1926. But this four-day affair began what future years were to observe as just a gala pageant, reflecting student effort and appreciation. Alumni attended, however, eager to enjoy whatever the students had prepared. As a matter of fact, HOMECOMING became the highlight of the fall program each year until 1931.

Because of the lack of active support by alumni during those years, coupled with the advent of the depression, HOMECOMING's extensive program and prestige dwindled, prompting a 1936 **Ubysey** to state: "HOMECOMING DAY is generally thought of as a minor function on this campus."

The completion of the stadium in 1937 and the increasing popularity of English rugby and Canadian football gave HOMECOMING new impetus. It became an important two-day affair until 1941, when again alumni and student efforts diminished, a casualty of the war. It remained a very minor event in the post-war years, featuring a Big Block luncheon, alumni dinner, General Meeting, and a Homecoming dance, plus football and basketball games, all in one day.

The Boxing Day Ball superseded Homecoming as the most popular social event on the alumni calendar. Only the alumni dinner represented a genuine effort by the grads to be a part of Homecoming.

The year 1947 gave top billing to an alumni dance in Brock Hall but it failed to win enough popularity to be continued. Occasionally small class reunions were organized but they, too, were unsuccessful in generating a Homecoming spirit.

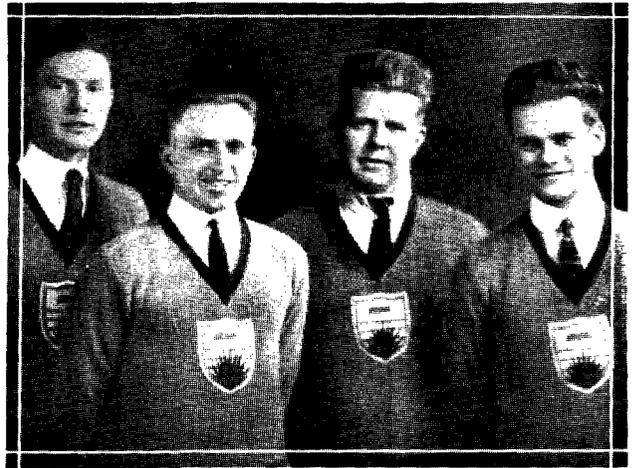
To-day's energetic alumni participation in Homecoming began in 1954. With Mr. Jack Charlton presiding, the alumni planned a luncheon, reception and dinner, and gave active support to the Homecoming Ball. It took the disastrous Brock Hall fire of October 25, 1954, to force cancellation of the lunch and dinner. The following year the Alumni Association formally organized class reunions and the luncheon. Educational panel discussions had been added by 1958. The Homecoming Ball gradually changed to the present separate student and alumni affairs.

The first year that marked a penetrating and fruitful search for the purpose of Homecoming was 1962. An extensive alumni committee of over fifty members, headed by Mr. Bill Rodgers, worked closely with the student committee and devised the most varied and extensive Homecoming program to that date.

Each year since then the Committee has taken on new and specialized tasks with a complex organization not unlike a large corporation. The thoroughness and efficiency resulting, plus the new and beneficial union with the students, have made a true Homecoming an achievement of the not too distant future.

IT'S FUN to REMEMBER WHEN...

DO YOU REMEMBER?



Remember the class marshals? These were the men entrusted with ensuring law and order on the campus. From left to right in our picture: A. Laing, R. McLeod, W. Shore, C. Barton.

HOW ABOUT . . . THE LADIES OF THE DAY?

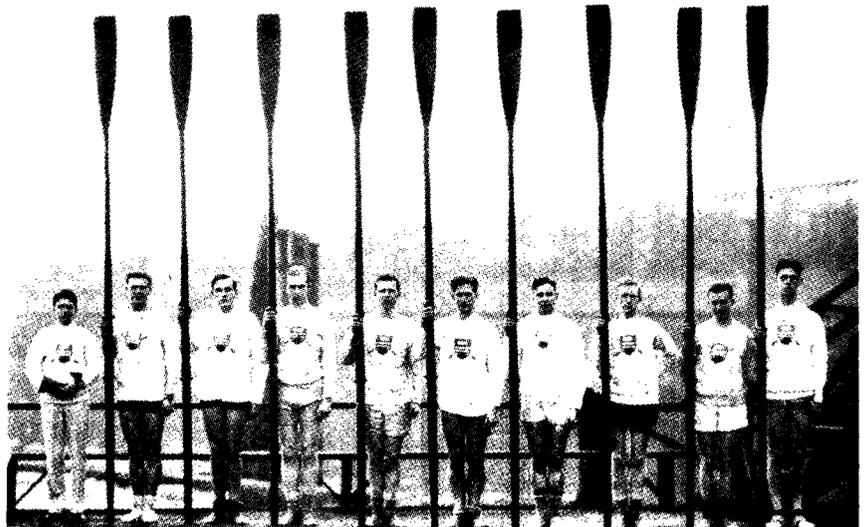
OR THE MEN?



Of course you remember the "dashing fashions." Perhaps you participated in the staging of 1929's Royal Egyptian Ballet "Boadicea." Himie Koshevoy was an honoured member.

From these stout hearts evolved UBC's world-famous rowing crews of recent years. The VIII of '29 was coached by John Oliver. Recognize any faces?

Ross Tolmie was AMS president 1928-29.



ESPECIALLY IN REUNION YEARS

1919

1924

1929

1934

1939

1944

1949

1954

1959



Spirited pubsters "refreshing" themselves en route to the Homecoming Parade 1954. Delighting in the festivities are Bruce McWilliams, Ab Kent, Murray Brisket, Al Fotheringham, Mary Lou Siems, Jerome Angel, Ray Logie, Rosemary Kent-Barber and Ken Lamb.

REMEMBER THE ARTS-AGGIE BALL?



The Intermediate "A" Women's Basketball team was made up of R. Elliott, A. Zuback, J. Dawson, M. Haspel, M. Cunningham and B. Morris, coached by J. Porter. They did themselves and UBC proud in the fall term as you will remember.

UBC swimmers held all their practice sessions as well as scheduled meets at the Crystal Pool. The girls contributed a glamor touch by taking several ornamental championships.



WELCOME to UBC

HOMECOMING 1964

Homecoming Chairman's Message:

HOMECOMING has been defined in several ways, but there are probably as many definitions or meanings as there are alumni. However, one aspect that is common to all alumni who participate in Homecoming is that they enjoy themselves. They have found that it is enjoyable to meet former professors and renew friendships with alumni who were friends in student days; that it is enjoyable to recall student days and where possible to participate in the special events that have been arranged; that it is interesting and enjoyable to see what the campus looks like today and be brought up to date on current University affairs.

This year the Homecoming Committee has endeavoured to follow the course of past Homecoming Committees by broadening the range of activities in which the alumni will enjoy participating. Make a point of attending the events of interest to you. We know you will enjoy yourself.

Vern Housez
Homecoming Chairman

Reunion Chairman's Message:

CLASS REUNIONS are the backbone of Homecoming. Without the reunions of past graduates a fundamental link would be missing from most Homecoming events. The reunions offer a time and place to exchange memories, meet past school chums, and generally have fun. The hard-working Homecoming Committee has planned a week of attractions both educational and entertaining that should encourage the least nostalgic graduate to return to his Alma Mater.

Organized gatherings of graduates are being held this year for each five-year class from 1919 to 1959. It is sincerely hoped that other classes will follow the lead and get together on their own.

"It's fun to remember," so find out when your class reunion is being held and take an active part.

Wm. J. Johnson
Reunion Chairman

*Sketches by *Eve Buchanan*.

"IT'S FUN to REMEMBER WHEN"

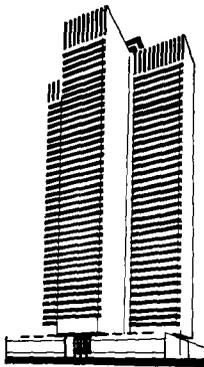


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Dr. Klinck Honoured

DR. L. S. KLINCK, first member of UBC's faculty, was honoured on August 4 at a tea arranged by Dean Blythe Eagles in the Faculty Club. The occasion marked the 50th anniversary of Dr. Klinck's appointment to the faculty on August 1, 1914, and his arrival in Vancouver on the 10th of that month.

This year is also the 45th anniversary of Dr. Klinck's reluctant acceptance of the presidency on June 1, 1919.

Mrs. J. W. deB. Farris, only surviving member of the Board of Governors that made that appointment, was among the guests. The party also brought together the three successive deans of the Faculty of Agriculture—Dr. Klinck, Dr. Clement and Dean Eagles.

Former Arts Head Dies

DR. H. T. J. COLEMAN, for twenty years a member of the faculty of the University of British Columbia, died on June 10 this year at the age of ninety-two.

Dr. Coleman was appointed Dean of the Faculty of Arts and Sciences at the University of British Columbia in 1920. He was also head of the department of philosophy and psychology. For health reasons he relinquished the position of Dean in 1929 but continued as head of the department of philosophy and psychology until his retirement in 1940.

Prior to coming to the University of British Columbia, Dr. Coleman was Professor of Education at Colorado State College, then Associate Professor of Education at the University of Toronto from 1907 to 1913, and finally Dean of the Faculty of Education at Queen's University.

Dr. Coleman was one of four brothers, sons of a farmer who wished them to follow in his footsteps, who all ultimately earned PhD degrees in one field or another.



Dr. L. S. Klinck (seated); from left to right: Dr. H. R. Hair, Dr. H. M. King, Dr. G. G. Moe, Dr. F. M. Clement, Dr. A. F. Barss, Dr. F. E. Buck, Dr. D. G. Laird

Student News

GRADUATES HAVE DUTY TO THEIR COMMUNITY

DURING THE YEARS we have been at UBC, our lives have been channelled towards this day. Many have gone before us, working in the factory on the same job and leaving with the same box of tools which we, ourselves, have now manufactured. It is unfortunate but necessary that in today's age of mass education, manufacture of the required box of tools necessitates an organization resembling a factory production line. The tools manufactured from such an education are the ones that will enable us to get a job.

There are, however, other utensils which we must have at our disposal. They have not been manufactured on the production line but have been developed during our lunch hours and many coffee breaks. By entering into political, religious, and sociological discussions, by joining clubs, by attending social functions and, in general, by participating in the kaleidoscope of activities varying from athletics to academic symposia, we have acquired essential tools which will enable us to work with people and to help solve the problems facing society today.

Now we have the basic equipment. Now we must make our contribution to society. Because we have a larger

box of tools than non-university graduates, our contribution must be that much greater. In our particular fields we must apply ourselves unsparingly. We must strive for the best technique, the most comprehensive theory, the best work of art or the most efficient operation. In order to contribute to society we must build on the ideas and principles we have been taught. If we do not we are merely using the tools in a mediocre way, resulting in a complacent and selfish society.

A more effective way to repay our debt is to expand and to use the "coffee break and lunch hour" tools which we devised by entering into extracurricular activities and participating in discussion. We must turn our thoughts to the social problems of our time. It is up to us to contribute to society by coming forth with our ideas and participating in the issues of our time.

A university equips us only with the essential tools. We must continue to develop new tools and to throw out those which we find corroded. If we do not, our effectiveness in society will soon fade.

—Excerpts from the valedictory address given by Peter B. Shepard, Class of '64.

Changes At the Top

Two well-known members of the faculty received appointments as dean this summer.

Dr. Ian McTaggart-Cowan who was head of the department of zoology and assistant dean of science, has become dean of graduate studies, succeeding Dean F. H. Soward.

Dr. Vladimir Okulitch who was acting dean of science and head of the departments of geology and mining and geological engineering during the 1963-64 year, has now been appointed dean of the faculty of science.

Professor G. O. B. Davies has been granted a year's leave of absence from UBC to serve as secretary of the Canadian Universities Foundation Commission on the Financing of Higher Education.

Mr. Davies, a member of the team which assisted President Macdonald in the preparation of his report "Higher Education in British Columbia and a Plan for the Future," was secretary to the Board of Governors, executive assistant to the president, and professor of history here.

By the time this *Chronicle* is in print Mr. Ralph Daly, or at any rate his work, will be well known to most of our readers. On June 1 he took up his appointment as Director of Information Services at UBC.

Mr. Daly's job is to assist the University to present and explain its role to the public.

Mr. James Banham continues as Information Officer.



Dean Ian McTaggart-Cowan



Dean Vladimir J. Okulitch



Professor G. O. B. Davies



Ralph Daly

University News

Elusive, Memorable Figure passes

Hermine Dorothea Bottger, BA '20, a member of the staff of the University of British Columbia for the last 44 years, died on April 17, 1964, in her 69th year.

She joined the staff in September, 1920, as secretary to Dean R. W. Brock of Applied Science. Following his untimely death in 1935 she was in charge of the Applied Science reading-room until 1952. Thereafter, by arrangement of Chancellor Lett and President MacKenzie, she had a special post in the University Library up to the time of her death. Besides having French and Spanish, she was fluent in German.

Her German-born parents brought her to Vancouver when she was three from Salem, Oregon, where she was born. Her early education included singing and piano and before entering UBC she attended Normal School and taught briefly. Her only brother, Gavert, died last year.

Hermine Bottger was a familiar if elusive figure on the campus, most familiar to Applied Science students for whom she had an abiding affection. Vividly remembered by her classmates as a raconteur of great wit, she had many and varied interests which found satisfaction in the university. Her pleasures were pleasures of the mind. She enjoyed to the full what was important to her; what was to her unimportant she ignored, such as rules or styles of dress.

In nondescript costume she could be seen slipping into a public lecture—she attended most of them—or, with book propped open, having a snack in a coffee shop. Chance conversation disclosed a charming cultivated mind and a delightful sense of humour. An encounter with her was a pleasure.

"Time is but the shadow of eternity." That summed up her philosophy of life, she said, when it was quoted by an Indian exchange librarian who visited the Library a few years ago.

To her friends and acquaintances she remains familiar, elusive and memorable.

Alumni Association News

Daughter of Vice-President Leads graduating class

THE BOARD OF MANAGEMENT of the Alumni Association produced a winner when the daughter of 2nd vice-president Margaret Ellis topped the 1964 graduating class. Patricia M. Ellis, the medal-winning student, is a granddaughter of the late Dean Buchanan.

Pat started her scholarship winning career with coping three of them on matriculation from high school, plus

Retired Librarian Now a Teacher

Anne M. Smith, BA, BS(Wash), AM(Mich), assistant librarian in charge of reference and information services, University of British Columbia, completed her service at UBC this summer. She had been successively reference librarian, head of the reference division, assistant librarian in charge of reference and information services and lecturer from 1930 to



Anne Smith

June 1964. Many of the library leaders of today were attracted to the profession by her enthusiasm for it and the student in-service training of a few years ago, said by an American authority to be the best on the continent, which she developed at UBC. Her interest in international library cooperation led her to accept a term appointment to teach library science in Japan. Miss Smith is the author of a number of papers published in national and international library bulletins and quarterlies. She is now teaching a reference course for teacher librarians at UBC.

first prize from the Alliance Francaise. She went on, in first year university, to repeat her mother's performance of thirty years ago by winning a UBC scholarship for proficiency, adding to it a Bank of Montreal Centennial scholarship (for three years).

In second year, where mother had won the scholarship for highest combined marks in English and Latin, daughter took the equivalent in English/French, besides adding a prize for English.

Third year was more of the same: UBC scholarship for proficiency, French Government bronze medal for French, Alliance Francaise travelling scholarship.

And in fourth year, Bank of Montreal followed up its three-year scholarship with a fellowship worth \$3000 for three years. Pat plans to use this to work for a PhD in linguistics at Yale, a logical succession to Honours French at UBC. (Mother says she dropped out of the "competition" for honours far back.)

Believe it (because we must), Pat found time for extra-curricular activities all through her university career, acting on the executive of various organizations to which she belonged.

Pat's father, David C. Ellis, BA '32, also a UBC alumnus, probably claims that he set the pace for his daughter when he took first-class honours in classics. He was also a Big Block winner for rugby, but that represents a talent daughter did *not* inherit.

Anyway, congratulations, best wishes for the future, and welcome to the ranks of the alumni, Pat!

University is more Than classrooms

A university would be a rigid institution if all its life were restricted to classroom hours. We recognize that education means more than formal and organized instructional programs when we provide students with playing fields, swimming pools, and tennis courts for athletics, and we attempt to do as much for the students' life of the mind and the spirit by furnishing them com-

UBC Alumnus Appointed Dean



R. T. D. Wallace, BA'32, MA'47

Latest appointment on the University of Victoria faculty for Professor R. T. D. Wallace is that of Dean of Administration. Dean Wallace is currently assistant to the Acting President, Acting Dean of the Faculty of Arts and Science, professor and head of the department of mathematics, and director of the Evening Division as well as, now, Dean of Administration. He retired as head of the department of mathematics on July 1.

Alumni Officers Move East

THE BOARD OF MANAGEMENT of the Alumni Association lost three of its members this summer when John Carson, BA '43, Don Hudson, BA '52, and Gordon Elliott, BCom '55, left Vancouver to take up appointments in the East.

Mr. Carson will be working in Ottawa for a year on the Glascoe Commission. Mr. Hudson and Mr. Elliott have accepted positions with the T. Eaton Co. in Toronto.

parably good facilities for cultural experiences. Unfortunately, in these areas we have not given them all that they need and that they deserve, because we have had insufficient funds to provide the required resources. With great generosity the State has met its responsibility to make tax money available for direct instructional purposes, but it does not and it cannot provide funds for much that lies outside these primary areas yet that helps to make a university great.

—the California Monthly—Jan. 1963

Alumnae and Alumni

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 August 1, 1964.



John M. Buchanan, BA'17

John M. Buchanan, BA, retired in July as chairman of the board and president of British Columbia Packers Limited. However, he will stay on as a director, an advisory job. Mr. Buchanan joined the company that was to become British Columbia Packers Limited in March 1928 as an internal auditor. In 1932 he was secretary-treasurer; in 1935, general manager; and in 1946, president. Mr. Buchanan is best known as a friend of the university. He has served both as a member of the senate and board of governors of University of British Columbia. He is past president of UBC Alumni Association and in 1951 he was presented with the Great Trekker Award. Mr. Buchanan is a director of several Canadian companies and he was recently appointed a member of the board of directors of Vancouver Centennial Year Committee and will continue on that board.

1919

Major-General H. F. G. Letson, BSc, LLD'45, retired, is now honorary colonel of the B.C. Regiment, Duke of Connaught's Own. The honor was conferred at the Beatty Street Drill Hall, Vancouver, where Major-General Letson trained as a cadet in 1912.

1921

Mrs. Hazel E. Hodson, née McConeil, BA, MA'23, retired Victoria teacher, became the 33rd honorary life member of the B.C. Teachers' Federation since the awards were started in 1926. Mrs. Hodson retired in June 1963 after devoting 42 years to the teaching profession.

1922

Mary Buxton, BA, has retired after 40 years of teaching in the Burnaby School District. At the 1962 Teachers' Federation convention, Miss Buxton was presented with the Teacher of the Year award by the department of education.

Arthur Lionel Stevenson, BA, MA (Tor), PhD(Calif.), B.Litt(Oxon), has been appointed chairman of the English department at Duke University, North Carolina, where he has held the James B. Duke professorship of English for the past nine years. He previously served as departmental chairman in two other institutions, Arizona State College (1930-37) and the University of Southern California (1943-55). The Harvard University Press has just published *Victorian Fiction: a Guide to Research*, a book which he edited under the auspices of

the Modern Language Association of America.

1923

Joseph Frederick Brown, BA, MA'25, has been reappointed to a five-year term as regional member representing B.C. on the Board of Broadcast Governors. Mr. Brown received UBC's first Great Trekker award for service to the university and community.

Norman A. Robertson, BA, LLD'45, LLD(Tor.), under-secretary of state for external affairs, received an honorary doctorate of civil law from Bishop's University this spring.

Christian Sivertz, BAsc, retired associate professor of chemistry, University of Western Ontario, London, has been named to receive the Chemical Education Award of the Chemical Institute of Canada.

1927

Milla Aliban Eskell, BA, has been selected as one of New Jersey's out-

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standing women in *University Woman*, magazine of Fairleigh Dickinson University's Florham-Madison Campus. Dr. Alihan, as she is professionally known, has been cited for her professional and personal contributions to industrial companies in New Jersey. She founded the firm of Milla Alihan Associates in New York City in 1944 and was the first woman to head a professional organization providing psychological evaluation, executive counselling and development and other services to business and industry. Dr. Alihan has written a book, *Social Ecology* and many articles in her field. She is listed in *Who's Who in America*, in the East, *Among American Men of Science*, *Among American Women*, and *World Who's Who in Commerce and Industry*.

Avis Pumphrey, BA, MA(Chicago), director of social service, Vancouver General Hospital, is the first Canadian woman to receive the Kappa Kappa Gamma Alumnae Achievement Award. The award is the highest honor the sorority can give an alumnae member. To date only 69 of the 50,000 Alumnae members have received the award.

1928

Meredith M. McFarlane, BA, Q.C., was sworn in as a B.C. Appeal Court Justice on May 20, 1964. Mr. McFarlane represented the attorney-general in the recent B.C. Electric takeover litigation in Supreme Court.

Hon. James Sinclair, B.A.Sc., was elected a director of Columbia Cellulose Company, Ltd. at the Company's first 1964



Avis Pumphrey,
BA'27

meeting of directors. Mr. Sinclair is president of Lafarge Cement of North America Ltd., and Deeks-McBride Ltd. He is also director of several other Canadian companies.

1930

John N. Burnett, BA, MA'43 retiring after 47 years in B.C. Education, says the modern world is changing too fast for the schools to keep pace. "All we can do is give students a thorough background so they will be able to accommodate to the changing times." Mr. Burnett, who held the post of superintendent of Richmond schools, plans to relax for a year and then return to university to continue his education.

Frank S. Morley, BA, PhD(Edin-

burgh), has been appointed associate editor of the Lethbridge Herald. Dr. Morley was on the original citizens' committee which initiated the University of Alberta in Calgary. He is past president of the Calgary Canadian Club and current president of the United Nations Association in Calgary.

1931

Mrs. C. A. S. Turner, (née Margaret Muirhead), BA, is now residing at "Blue Shutters," 120 Myton Road, Warwick, England. She and her husband will always be glad to greet any travellers from Vancouver who care to call in on them when in the area.

... The greatest service a university can render is still through its graduates. The better the education they receive, the greater will be their contribution. They will think more clearly, judge more sanely, decide more wisely and act more effectively. This is what an excellent liberal education will do for them and, through them, for society.

—Mount Allison Record, Fall 1963.

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1932

Norah L. Hughes, BA, MA'34, PhD (Chicago), received a Doctor of Divinity degree on May 4, 1964, at the annual convocation of Union College. She has been serving on Salt Spring Island for the past four years and was the 1963 president of the B.C. Conference of the United Church.

Cecilia E. Long, BA, has been elected first Vice-President, Board of Governors, 1963, of Women's College Hospital, Toronto, Ontario.

1933

Gordon C. Danielson, BA, MA'35, PhD(Purdue), was named "distinguished professor" at the Honors and Awards Convocation held on June 6, at the Iowa State University. As such, he will receive a \$500 honorarium from the Achievement Fund of the Alumni Association and will carry the title for the rest of his career.

Louis T. Rader, BAsC, MSc, PhD (Cal.Tech.), is the author of a paper entitled, "The Place of Computers in the Electronics Industry." The article was published in May 1964 issue of *Electronics and Communications*.

G. Gordon Strong, BCom, BA'34, has been elected chairman of the American Publishers Association's bureau of advertising. He is president and general manager of Brush-Moore Newspapers, a group he joined in 1952.

1934

Gordon Hilker, BCom, will manage the program division for all entertainment for the Canadian World Exhibition



J. Stuart Keate,
BA'35

at Montreal. Upon his appointment, Mr. Hilker leaves his post as general manager of the Vancouver International Festival and co-ordinator of the British Columbia Barkerville Gold Town Restoration project.

1935

J. Stuart Keate, BA, publisher of the Victoria Times since 1950, has been named publisher of the Vancouver Sun. Mr. Keate is presently on the board of governors of UBC, a member of the Canada Council and since April, president of The Canadian Press.

1936

Francis R. Joubin, BA, MA'43, DSc '58, until recently engaged abroad on United Nations Technical Assistance missions is now a technical adviser (Mining and Geology) at the U.N. Secretariat in New York.

Bruce Arnold Robinson, BA, BAsC, has been promoted to professor and head of the department of commerce effective June 1, at Acadia University. Professor

Robinson is a director of the Acadia University Institute and is placement officer at Acadia in charge of student employment.

1937

Walter M. Barss, BA, MA'39, PhD (Purdue), has accepted a position in the physics department of the University of Victoria.

Robert T. McKenzie, BA, PhD(London), is still with the BBC in London, England interviewing politicians on his weekly show "Gallery." Dr. McKenzie is also an associate professor of political sociology at the London School of Economics.

1938

J. G. Retallack, BA, PhD(California), superintendent of the physics wing for the past five years at the Defence Research Board's Naval Research Establishment in Dartmouth, has been appointed chief superintendent of the establishment.

A. H. (Art) Sager, BA, has been posted to Africa as chief of the technical assistance co-ordination unit of the Economic Commission for Africa at Addis Ababa.

T. K. Shoyama, BA, BCom, has resigned from his position of secretary of the economic advisory and planning board of Saskatchewan to accept a new job on the research staff of the Economic Council of Canada. In this newly created economic research and planning agency of the federal government, Mr. Shoyama will have increasing opportunity to devote his talents to the solution of problems which affect all Canada.



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

1939

J. A. McCarter, BA, MA'41, PhD (Tor.), professor of biochemistry and head of the department at Dalhousie University was made a Fellow of the Royal Society of Canada.

1940

H. Basil Robinson, BA, BA(Oxon), at present minister at the Canadian Embassy in Washington, D.C., has been posted to Ottawa to become assistant under-secretary.

1941

Ormond W. Dier, BA, until recently special assistant to the prime minister for external affairs has been made ambassador to Columbia with accreditation to Ecuador.

Harold F. Dixon, BA, has been appointed to the newly created position of industry sales manager for food chemicals and fine chemicals in the New York district sales office of Monsanto Company's Organic Chemical Division after serving as director of marketing for Monsanto Canada Limited.

A. J. Gregory, BAsc, has been named manager of a new Northern Electric Company establishment at Ottawa called an Advanced Devices Centre, to be built near the Company's research laboratories. Mr. Gregory has been with Northern Electric for 20 years.

Stanley L. Harris, BAsc, has been appointed director of marketing for Monsanto Canada Limited. He formerly served as product manager in the company's plastics division at St. Louis, Missouri.

Jack D. Logan, BAsc, who was general traffic engineer in Vancouver for B.C. Telephone Company, has been posted to Vancouver Island as district engineer. Mr. Logan will have his headquarters in Victoria.

Peter Stanton Mathewson, BA, has been promoted superintendent of a Sun Life Assurance Company of Canada agency division at Head Office in Montreal. He will be responsible for the company's agency operations in the Far East, southern Africa and the Caribbean.



Donovan F. Miller, BCom'47

1947

Donovan F. Miller, BCom, director and executive assistant to the president of Canadian Fishing Co., Ltd., was elected president of the Fisheries Council of Canada for 1964-1965. He will head the national association of fish processors during one of its most important years, leading to a joint North American fisheries conference in Washington D.C., April 30 to May 5, 1965. Billed as the largest fisheries meeting ever held on the continent, the conference will include members of the National Fisheries of Mexico as well as the Canadian group.

Charles W. Nash, BAsc, has been appointed provincial commissioner for the Boy Scouts of Canada with jurisdiction over British Columbia and the Yukon. Mr. Nash has had a distinguished career in scouting, starting as a cub in 1927.

Ian C. M. Rush, BAsc, MAsc'43 will assume responsibility for manufacturing and related functions as a newly appointed vice-president of Polymer Corporation Ltd.

1943

J. S. N. Hammond, BAsc, has been appointed superintendent of Canada's

first full-scale atomic power plant—CANU at Douglas Point, Ontario.

Donald H. M. Ross, BA, BCom'44, has been named bursar of Simon Fraser University. Mr. Ross served as treasurer of the Alma Mater Society while on campus as a student at UBC.

1944

Rev. Walter Ridgway, BA, MA'46, is in Bolivia, South America attached to the Colegio Evangelica de Santiago de Chiquitos.

1945

Donald F. Griffiths, BAsc, has been appointed to special duties in the Metallurgical Division of the Consolidated Mining and Smelting Company at Trail.

T. G. Williams, BAsc, has been appointed manager of the Fraser Valley district of the B.C. Telephone Company. Mr. Williams has been Island Division engineer at Victoria since January 1962.

1946

Michael J. Ozeroff, BA, MA'48, MS, PhD(Yale), has joined Aerospace Corporation as director of program 461 in the Satellite Systems Division of the company's El Segundo Technical Operations at California. With a wide background in the fields of electron and nuclear physics, Dr. Ozeroff comes to aerospace from Huggins Laboratories where he was director of research.

1948

Malcolm Norman Bow, BA, special assistant to the external affairs minister has been posted to Czechoslovakia as ambassador.

Edward Lorne Hewson, BA, whose career with Canadian National Railways has taken him across Canada from

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British Columbia to the Maritimes, has been appointed general superintendent transportation for CN's Atlantic Region.

Harold A. McKenzie, BAsC, has been appointed assistant general manager of Hudson Bay Mining and Smelting Company Ltd. Mr. McKenzie was first employed as a miner by H.B.M. & S. Co., Ltd., in 1948. Some of the positions held by Mr. McKenzie include superintendent of operations; assistant mine superintendent; mine superintendent and superintendent of mines.

A. M. Murray, BA, has been named assistant comptroller of the Consolidated Mining and Smelting Company of Canada Limited.

John Lang Nichol, BCom, who first entered politics only three years ago was unanimously elected president of the National Liberal Federation in Ottawa, in June.

Peter Paul Saunders, BCom, president of Laurentide Finance Corporation in Vancouver has been made president of the Federated Council of Sales Finance Companies. The council consists of 43 leading firms in an industry that provides nearly \$3,000 million credit to consumers and business.

1949

Mrs. A. R. Devlin, (Beverly Ann), BA, writes us that she and her husband **Ray**, BEd'62, after a number of busy years teaching at Barsby High School, Nanaimo will be in Toronto for the next two years. Ray will be working for his master's degree at the University of

Q.C.'s Appointed

In August seventeen UBC alumni were appointed Queen's Counsel by the provincial government. They are:

Ernest A. Alexander, BA'40, LLB'48
 Russell Kemp Baker, BA'30, BCom'31
 Kenneth M. Beckett, BA'32
 James E. Boughton, LLB'49
 Darrell T. Braidwood, BA'40, MA'41
 Gerald H. Cross, LLB'48
 W. H. Kemp Edmonds, BA'38
 Thomas K. Fisher, LLB'48
 Arthur Fouks, BA'41, LLB'49
 Leo S. Gansner, BA'35, BCom'35
 Harold R. Hine, LLB'50
 Thomas E. Ladner, BA'37
 Hugh J. McGivern, BA'32
 A. Stewart McMorran, BA'41
 George G. S. Rae, BA'29
 Ian A. Shaw, BA'19
 John D. Taggart, LLB'49

Toronto. In addition to a full program of activities at the high school. Beverley was for two years president of the Nanaimo Women's Musical Club.

Clifford V. Faulknor, BSA, has received word from Little, Brown and Company of Boston he has won its \$1,000 international competition for juvenile fiction. Mr. Faulknor is associate editor of the periodical *Country Guide* and is president of the Alberta Farm Writers Association.

John F. Hogan, BSF, divisional forestry superintendent in charge of the Crow-nest Forest, has been promoted to senior

superintendent in charge of forest surveys for the Alberta department of lands and forests.

Jack H. MacFadden, BAsC, is the new plant superintendent of the Indium Plant, Metallurgical Division of the Consolidated Mining and Smelting Company of Canada Limited at Trail.

Paul S. Plant, BA, has been named new Board chairman of the Family Service Agency of Greater Vancouver.

Donald J. M. Robinson, BA, MA'51, former chief biologist in the Fish and Game Branch of the Department of Recreation and Conservation, has been appointed assistant director of the branch.

Raymond E. Warburton, BA, BEd, has been appointed supervisor of secondary



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	From Vancouver 21 Day Jet Excursion	Rail to Montreal plus 21 Day Jet Excursion as low as
LONDON	\$519.50	\$385.50
GLASGOW	490.90	356.90
SHANNON	482.60	348.60
PARIS	566.90	432.90
COPENHAGEN	607.90	473.90
FRANKFURT	607.90	473.90
ROME	678.90	544.90

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education in Saanich and Sooke School Districts. Since graduation from UBC, Mr. Warburton has interested himself particularly in mathematics and science. Founder of the Mathematics Club which is popular in Chilliwack, Mr. Warburton will be responsible to a great extent for the teaching of mathematics in Saanich and Sooke.

Daniel F. Williamson, BAsC, has been promoted to vice-president of Sandwell International Incorporated of Portland, Oregon.

1950

Stewart J. Andrews, BAsC, has been appointed chief process engineer for Potash Company of America.

C. S. Brown, BA, who joined the department of natural resources in 1950 as a research economist, has been made director of resource lands. As such, Mr. Brown will be in charge of land acquisition and classification of Crown lands for recreation and other purposes. He will also deal with the Lands Act and the Pollution of Streams Act.

Marion E. Foster, BA, has asked us to correct an error made in the Summer Issue of the *Chronicle* regarding her new appointment. She informs us that the position she has accepted is that of executive director of the YWCA of Saskatoon and not of Canada as was reported in our last issue.

Robert D. Jamieson, BAsC, has accepted the position of assistant manager with Industrial Coatings Ltd. of Vancouver. Mr. Jamieson is a registered professional engineer and takes to his new company a background of 14 years of experience in design engineering in the pulp and paper industry.

Walter F. Leverton, PhD, has been appointed general manager of Aerospace Corporation's newly created Satellite Systems Division in California. In this capacity he is responsible for the general systems engineering and for the technical direction of such prime space efforts as the military communications satellites, nuclear detection satellites and a world-wide satellite control network.

George R. Mills, BAsC, assumed management of Ethyl Corporation of Canada's Corunna plant August 1. Mr. Mills has been assistant plant manager since 1960. He first joined Ethyl of Canada in 1955, after service with the RCAF and an assignment with Polymer Corporation.

1951

Harold J. Perkins, BA, MSc'53, PhD (Iowa), has been promoted to the chairmanship of the division of science and mathematics, State University College, Plattsburgh, New York, with the rank of professor. Dr. Perkins is the author and co-author of 20 research papers dealing with plant physiology and biochemistry. In collaboration with George Strachen of the department of science and industrial research, Auckland, New Zealand, he has developed a method for taking Cesium-137, a component of radioactive fallout, out of potatoes.

Neil J. Stewart, LLB, has been appointed division administrative manager for Pan American Petroleum Corporation. As such, Mr. Stewart will direct the functions of all the staff departments in the division. These include industrial relations, law, accounting, purchasing and the aviation and procedure sections.

Ronald S. Taylor, BAsC, former Delta municipal engineer, was appointed Trail city manager.

1952

E. P. de la Giroday, BCom, has

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recently been appointed director of research for Price Waterhouse and Co., in Canada. He will be stationed in Toronto.

John C. Phillips, BSA, presently director of agriculture at Montserrat, West Indies, will be happy to welcome any UBC graduates who may be passing the island. He frequently met grads in Uganda and in the past year, has met two others who hold senior agricultural positions in the Leeward Islands.

Edward G. Wiltshire, BAsC, has been appointed Plant Superintendent, Sulphate and Storage, Chemicals and Fertilizers Division of the Consolidated Mining and Smelting Company of Canada at Trail.

1953

Robert S. Julius, BA, MA'56, PhD (Alta.), is an alumnus of UBC who returned to his old haunts to teach mathematics at summer school here. Since 1962 he has been on the University of Alberta's staff at Edmonton in the department of computer science, as associate professor and assistant head of the same department. He is married with 3 children and one of his happiest recollections is that they all, with the youngest then a two weeks' old infant attended the university congregation at which he received his PhD degree.

John H. Reid, BAsC, has been

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appointed plant superintendent, Zinc Roasters, Metallurgical Division of the Consolidated Mining and Smelting Company at Trail.



Rudolf R. Haering, BA'54

1954

Rudolf R. Haering, BA, MA'55, PhD (McGill), is the youngest university department head in Canada. His recent appointment as head of the department of physics at Simon Fraser University has given him the opportunity to start a physics department from scratch and he hopes to attract some of the finest young physicists in the country to his staff. UBC is providing space for his graduate students and in return he will teach a graduate course at UBC.

1955

Donald A. Dowsley, BAsC, has recently been appointed manager, Shawinigan Division, MacMillan, Bloedel, and Powell River Limited, Duncan.

James A. Rainer, BCom, MBA (Wash.), will be responsible for the direction of all building materials sales in Canada for Crown Zellerbach Building Materials Limited in the newly

created position of manager, Canadian sales.

1956

Robert W. Kendrick, BAsC, has accepted a one year loan assignment to Società per Azioni Raffineria Padana Olii Minerali (SARPOM) a subsidiary of Esso Standard Italiana. SARPOM operates a refinery which is currently being expanded at Trecate, about 40 kilometers west of Milan.

Leonard P. Sampson, BA (New Zealand), BEd, MEd'59, has been named by the West Vancouver school board to fill the position of director of education. Mr. Sampson has a total of 12 years teaching experience in several different countries.

1957

Peter C. Clegg, BA, has moved to Calgary to fill the position of assistant manager, National Trust Company.

1958

Jan J. Drent, BA, who has been serving as navigating officer aboard HMCS *Chaudiere* has left the ship to take a specialist Operations Officers' course at the Fleet School in Halifax.

William K. McCourt, BCom, MBA (University of Maryland and George Washington), director of research, T. Eaton Co., Ltd., Western Canada Division, was the keynote speaker at the 21st Annual Western Conference of the Wholesale Division of the Canadian Plumbing and Heating Institute.

Anand Prakash, MA, PhD'60, has returned to Canada after completing his one year assignment with the Interna-

tional Indian Ocean Expedition and is at present developing plans to do some biological oceanography on the Canadian Atlantic with the Fisheries Research Board. Dr. Prakash's participation in the International Ocean Expedition was sponsored by the Royal Society of London through a John Murray Fellowship in oceanography awarded him last year. He was one of 20 scientists on board the Royal Research Ship *Discovery* investigating the oceanic productivity of the Arabian sea.

1959

H. A. (Mike) Cooper, BA, who started his Naval career with the University Naval Training Division at UBC, has been serving in HMCS *Chaudiere*, the most recent of the Navy's "Resti-



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David A. Axen,
BASc'60

Shell Fellowship
winner

Scholarship and Fellowship Winners

In the past few months the following alumni have received awards from various sources to further their academic work.

David George Alexander, BA'61, a Canada Council fellowship to study 15th and 16th century history at the University of London.

John B. Armstrong, BSc'64, a \$3,900 research fellowship in biochemistry to the University of Wisconsin.

David A. Axen, BASc'60, a Shell Canada \$1,800 fellowship to continue research in nuclear physics at UBC.

Robert G. Auld, BASc'59, a \$2,400 Canadian Industries Ltd., scholarship for post graduate work in chemical engineering.

Peter Batchelor, BArch'60, a \$2,000 Langley scholarship by the American Institute of Architects, for graduate studies in civic design.

G. Grant Clarke, MA'64, a Leon and Thea Koerner Foundation grant for study at Rutgers University.

Maurice J. Y. Clement, BSc'60, MSc '61, a National Research Council scholarship, for postgraduate studies, value about \$4,000.

Maureen A. Covell, BA'64, Canada Council, value about \$1,500, for international studies at UBC.

Ian D. Currie, BA'58, MA'61, Canada Council fellowship, \$2,000 to continue studies in sociology.

Sydney R. O. G. Fosdick, BA'63, Canada Council, value about \$1,500, for postgraduate studies in librarianship and Chinese.

Murray W. Fairweather, BA'64, Canada Council, value about \$1,500, for graduate studies in history.

John H. Gee, BCom'59, \$9,000 for graduate studies in ecology of fish at University of Sydney, Australia.

Chris L. Gardner, BSc'61, National Research Council, value about \$4,000 for postgraduate studies.

Michael C. Godfrey, BSc'61, National Research Council, value about \$4,000 for postgraduate studies.

Louise G. Grant, BA'63, a British Commonwealth scholarship, value about \$4,000 for further study in philosophy.

Charles T. M. Hadwen, BA'55, University of Southern California Associates \$1,000 teaching award (for excellence).

John S. Hayward, BSc'58, National Research Council for postgraduate studies. Value about \$4,000.

gouche" class destroyer escorts as supply Officer.

Robert F. Fallis, BA, MSc (McGill), instructor in psychology in the undergraduate college at Wittenberg University, Springfield, Ohio, has been promoted to assistant professor. Mr. Fallis served from 1951 to 1953 as a police constable in Vancouver and worked from 1953 to 1955 as a salesman in the circulation department of the Toronto Star before returning to college.

1960

Barbara Ann Geddes, BA, is one of 18 UBC graduates who will teach in underdeveloped countries for Canadian University Service Overseas during the next two years. CUSO, often called Canada's Peace Corps, is a non-government agency relying on voluntary support and was organized largely through UBC and University of Toronto three years ago. The selection of graduates at UBC was made from 80 applicants. They will join more than 100 others from campuses across the country.

1961

Flora M. Thompson, BA, visited the Alumni Association office recently while on a month's holiday in B.C., after completing a course in Occupational Therapy at Kingston, Ontario. This was a crash program, compressing a three-year university course into 18 months, to help with the great shortage of occupational therapists in Canada.

1962

Lorenne M. Burchill, née Gordon, BA, has been awarded a \$2,500 Travelling Fellowship, by the Canadian Federation of University Women. She has previously won 22 scholarships and prizes including undergraduate awards. Mrs. Burchill is working toward a Bachelor of Philosophy degree at Oxford on a Commonwealth Fellowship, but plans to return to academic work in Canada.

Leonard Davis, MD, has been appointed director of the Cariboo Health Unit at Williams Lake.

Robert L. Felix, MA, is presently a professor of law, Duquesne University, at Pittsburgh, Pennsylvania.

T. Grant John, BASc, who was awarded a Cominco Fellowship in 1963 has now received a further fellowship for 1964-65, valued at \$3,000.

Elizabeth Wurtelle, BA, completed the same strenuous course in Occupational Therapy mentioned in 1961 class notes. The class, limited to 12 or 15 students, was set up by the Canadian Association of Occupational Therapy.

Janice E. Hickman, BA'64, Bryn Mawr College \$2,100 for postgraduate studies.

Hendrick Jack Horn, BA'64, Canada Council, value about \$1,500 for graduate studies in art history.

Christopher Robert James, BASc'60 National Research Council, value about \$4,000 for post graduate studies.

Gilbert Johnson, BA'64, Canada Council, value about \$1,500, for further study in economics.

Richard Kazuta, BCom'64, Japanese Government, to continue studies in Japanese business and taxation laws at the Keio University in Tokyo.

R. G. Laird, BA'63, \$2,600 from Yale to continue studies there.

Michael S. Mephram, BSc'62, Canada Council, value about \$1,500 for graduate studies in linguistics.

William A. W. Neilson, LLB'64, Canada Council, value about \$1,500 for graduate studies in economics and law.

Victor A. Neufeldt, BA'57, a fellowship by the University of Illinois, value \$2,500 for pre-doctoral studies.

Erland Max Schulson, BASc'64, International Nickel fellowship \$3,000 for graduate studies in metallurgy.

K. N. Slessor, BSc'60, BEd'62, National Research Council \$5,000 for graduate studies in chemistry.

Dennis M. Steeves, BCom'64, Professional Marketing Research Society's major university award.

Neil Stewart, BA'64, \$2,400 for study in the department of computer science at University of Toronto.

Dorothy Thompson, BA'64, Canada Council, value about \$1,500, for graduate studies in European history.

Richard Michael Toporoski, BA'63, Canada Council, value about \$1,500, for graduate studies in Latin.

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Be Our Dr. Watson

Chronicle readers are making a great success of our campaign to get "lost" grads back on the "found" list. Here are some more names of alumni whose class reunions take place this year and for whom we have no valid addresses. Calling all Dr. Watsons!

1929

Harry Atkinson Hendry, BA
C. D. Honeyford, BA
Mrs. H. R. Hulbert, BA
Dr. Ralph Hull, BA, MA'30
Miss Margaret Johnson, BA
Ralph M. Johnston, BA
Mrs. A. L. Kirkby, BA
David A. Lloyd-Jones, BA
Miss Veronica McIntosh, BA

1934

Dr. Clarence C. Hulley, BA, MA'38
Mrs. W. E. Kennedy, BA
Mrs. T. R. Kelly, BA
Miss Irene Lambert, BA
Mr. and Mrs. Moses C. Long, BAsc'37, BA
J. A. McDonald, BA, MA'36
Mr. and Mrs. Richard B. McDougall, BA, BA'38
Mrs. John H. Morris, BA
Mrs. W. B. Morrison, BA
Mr. and Mrs. R. Kendall Mercer, BCom, BA'32
William G. Stott, BCom, BA'35

1939

Dr. and Mrs. Ernest J. W. Irish, BA, MA'40, BA'38, MA'40
C. H. S. Luttrell, BA, BAsc'39
Dr. E. Stewart McDaniel, BA
Dr. Richard B. Macmillan, BA
Miss H. F. Mayers, BA
John R. Meredith, BA
John G. Myers, BA
George Ernest Harrison, BAsc
R. Campbell Smith, BCom
Philip J. Salisbury, BSA
Wilfred D. Stokvis, BSA
S. Wolfe, BSA

1944

Arne Henrikson, BA
John A. Hood, BA, BAsc
Mrs. F. G. Hubbard, BA, BSW'46
Mr. and Mrs. G. Harold F. Johnson, BA, BA'35
Mrs. Gordon W. Jones, BA
Mr. and Mrs. Kenneth A. Jones, BCom '49, BA
Arthur M. Kirkby, BA
Perry McF. Hooper, BAsc
Ronald J. Legeer, BAsc
Arthur R. Lucas, BAsc
Miss Jean C. MacKay, BAsc (N)
Orville M. Ontkean, BAsc
James A. Porter, BAsc
Mr. and Mrs. James A. Reid, BSA, BCom'44
Rev. Edward W. Snyder, BCom

1949

Gordon Edward Bonney, BA
Shirley Eleanor Bookman, BA
Miss Nancy E. Bowell, BA
Robert S. Boyle, BA, BED'57
Mrs. H. Braathen, BA
Hugh M. Carter, BAsc
Nevil B. Cawley, BAsc
Peter Chiz, BAsc
H. Reginald Christie, BAsc
John H. Craven, BAsc
James M. Davison, BAsc
Richard O. Crump, BCom
William H. Dalglish, BCom
Cecil Dunsmore, BCom
Arthur E. Ericson, BCom
Ian M. Forrest, BCom
J. A. Strachan, LLB

Richard B. McDougall, BA'34

His picture but no address



Miss Violet M. Parsonson, BHE
Mr. and Mrs. H. R. Pinchin, BCom'48, BHE
J. Reid Mitchell, BPE, BED'55
Roi Shermann, BPE
Roger J. Hadland, BSA
D. Eric Hearle, BSA
Hugh G. Hunt, BSA
Wm. S. Kyle, BSA
B. G. McIntosh, BSA
Kenneth A. McKay, BSA
G. R. Milne, BSA
James V. Moloney, BSA
Donald W. Newton, BSA
Miss M. E. Norris, BSA
Victor Heath, BSF
John F. Solloway, BSF
Amy G. Smith, BAsc (N)
Miss Frances P. Turnbull, BAsc (N)
Mrs. Jessie R. Swail, BSW
Thomas J. Tracey, BSW
Wilfred A. Wright, BSW
Come Carbonneau, MAsc
C. G. Cheriton, MAsc
Vernon P. Shook, MSW
F/L and Mrs. D. E. Sharpe, BA'50, BHE

1954

Mrs. Herbert S. Coleman, BA
Miss Geraldine J. Conder, BA
John E. Cooke, BA
Mrs. R. J. Cumming, BA
Ian H. Currie, BA
Douglas H. Deeble, BA
J. Elizabeth D. Dudley, BA
Mrs. Valerie M. Ethier, BA
Owen S. Forsyth, BA BED'58
George C. Freeman, BA
C. D. Frith, BA

Basil B. Grant, BAsc
Oliver J. Grenon, BAsc
Douglas Harvey-Smith, BAsc
F/O John R. Hudson, BAsc
Donald William Jack, BAsc
Hugh A. Johnston, BAsc, MAsc'55
Yoshio Kawase, BAsc, MAsc'56
James G. Kirkland, BAsc
Edward E. Knowles, BAsc
Alex J. MacDonald, BAsc
John W. Hornstein, BCom
Ray Kemp, BCom
Arthur Robert McLeod, BCom
Robert J. Brennan, LLB
Wallace G. Craig, LLB
Ewart A. Wetherill, BArch
Mrs. R. G. Richmond, BHE
Miss Mary E. Yurich, BHE
Herbert H. Beach, BSA, BED'57
Miss Lois Elaine Dunlop, BSA
Gisbert H. J. Grunewald, BSA
Peter Guiry, BSA
Robert L. King, BSA
Mr. and Mrs. D. N. Riley, BSA, BSA'53
Tony Barnet, BSF
Edward P. Beuker, BSF
Mrs. Miriam L. Chapman, BSN
Miss Shirley M. Engelland, BSN
Thordis Asgeirsson, BSW
Mrs. Joyce M. Buckland, BSW
Mrs. Edith K. Bustillo, BSW
Wm. A. King, BSW
Miss Sarah McCombie, BSW
John R. MacDonald, BSW
Miss Sonja C. Matison, BSW, MSW'55
Miss Mary J. Rees, BSW
Mrs. E. R. Walker, BSW
Harold Zukerman, BSW
Frank P. Maher, MA
Dr. Norman G. Cranna, PhD

1959

Woldemar W. Dahl, BA
Robert L. Dallison, BA
Johan A. V. Z. de Jong, BA
Joseph A. Despins, BA
Jaime R. Dixon, BA
Charles W. Dunn, BA
Keith D. Eccleston, BA
Miss Joyce M. Gawthorn, BA
Miss Phyllis L. George, BA
Robert R. M. Gillies, BA
Arthur R. Fraser, BAsc
Alexander P. Gammie, BAsc
Howard A. Grant, BAsc
James E. Hatton, BAsc
John Hewitt, BAsc
Leslie A. F. Hill, BAsc
Bruce W. Irvine, BAsc
Alf H. Hansen, BCom
James William Moore, BCom
Christopher J. Richmond, BCom
Charles R. Solloway, BCom, LLB'60
Stanley J. Susinski, BCom
John B. Tomlinson, BCom
Alan D. Woodman, BCom
David R. Burge, LLB
Michael Eric Butler, LLB
David H. Green, LLB
Werner M. Forster, BArch
Miss Myrna Durrant, BED
Brian D. E. Hamilton, BED
Mrs. Enid B. Hogg, BHE
Robert T. Carkner, BPE
Mrs. Neil F. V. Collett, BPE
Neville A. Gough, BSA, MSA'61
Dierk Lange, BSA
David G. Tweedy, BSA

Births

- MR. and MRS. H. F. R. ADAMS, BASc'50, (née Joan Brown, BHE'52), a son, Timothy Graham, May 16, 1964, in Vancouver.
- MR. and MRS. JOHN L. ADAMS, BSF'62, (née Joyce Pettit, BED'61), a daughter, Leslie Jane, July 7, 1964 in Winnipeg, Manitoba.
- MR. and MRS. RAYMOND MCL. COOPER, BA'49, LLB'50, a daughter, Alison Lee, May 6, 1964, in Creston.
- MR. and MRS. JAMES L. DENHOLME, BASc'56, (née Elsa Maureen Sullivan, BSN'59), a daughter, Maria Louise, June 19, 1964 in Vancouver.
- MR. and MRS. W. ROSS DEY, BASc'57, MASC'59, (née Margaret Jean Moir, BHE'57), a son, Graham Ross, in La Habra, California.
- MR. and MRS. R. J. HANNON, (née Jean T. Auld, BA'48), a son, Craig Philip, July 5, 1964, in Vancouver.
- MR. and MRS. EDWARD A. MCALPINE, BCom'56, a daughter, Katherine Louise, April 15, 1964, in Nanaimo.
- DR. and MRS. GORDON R. MUNRO, BA'56, MA, PhD(Harvard), Louisa Virginia, February 28, 1964, in Ottawa.
- MR. and MRS. R. H. VOGEL, '54, a daughter Letitia Hunter McLeod, May 6, 1964, in Creston.
- Fountain to Mavis Viola McGillivray, BA'60, in Kamloops.
- HALL-MACMILLAN. John William Hall, BA'57 to Pauline Gail MacMillan, BED'61, in Vancouver.
- HAWES-LADNER. Roland Graham Downard Hawes, BSc'62 to Edna Clair Ladner, BA'63, in Burnaby.
- HORTON-GADDES. David Joseph Horton, BCom'60 to Barbara Jane Gaddes, BA'62 in Kelowna.
- HUNTER-COWELL. Carl Franklin Hunter to Mary Gwendolen Rooke Cowell, BA'64 in Werl, West Germany.
- LOVE-SCHROTER. Osborne Love, BASc '61 to Sally Schroter, in Port Hope, Ontario.
- MCLENNAN-MACDONALD. James Lewin McClelland, BASc'64, to Jeannie Patricia Macdonald, BA'63, in Vancouver.
- MACDONALD-STENDALL. Roderick W Macdonald, LLB'50 to Doreen Stendall, in Vancouver.
- MAY-SEXTON. John W. May, BA'57, MSc '60 to Maureen Sexton, in Vancouver.
- MEIKLE-MANN. Basil M. Meikle, BCom '63 to Bonnie Naneen Mann, in Vancouver.
- MITCHELL-SMITH. Branton Percy Mitchell, BSc'61 to Susan Elizabeth Smith, BA '62, in Vancouver.
- MUNRO-GARCIA. Robert Neil Munro, BSF '57 to Melida Garcia, in Puerto Cabezas.
- NEILSON-MOUAT. William Alexander Walter Neilson, LLB'64, BCom (Tor.) to Coline Anne Mouat, in Vancouver.
- NISHIZAKI-LORANGER. Roy Susumi Nishizaki, BASc'56 to Colette Loranger, in Montreal.
- OLAFSON-GRAUER. Gordon A. A. Olafson, BPE'62 to Pauline E. Grauer, BED'63, in Vancouver.
- PHILPOT-HOBENSHIELD. Frederick Philpot, BSF'62 to June Frances Hobenshield, in Terrace.
- PRAKASH-KRIPANI. Anand Prakash, MA '58, PhD'60 to Pushpa Kriplani, in New Delhi, India.
- RENNISON-KINCADE. William Arthur Rennison, BASc'63 to Constance Judith Kincade, in Vancouver.
- SADLER-WHITE. James Hamilton Sadler, BSc'62 to Joan Dorothy White, in Dartmouth, N.S.
- SCALES-HOBSON. Richard William Scales, BA'61 to Kathleen Elizabeth Hobson,

- Bed'63, in West Vancouver.
- SCHOLEFIELD-SCOTT. Peter Ross MacLean Scholefield, BSc'63 to Heather Jean Scott, BED'64, in West Vancouver.
- SCOW-PETERSON. Alfred J. Scow, LLB'61 to Mrs. Joan Peterson, BA(Man.), BSW'55, MSW'62, in Vancouver.
- SMITH-WHITAKER. Carman J. M. Smith, BSF'60 to Barbara Jean Whitaker, BSN'63, in West Vancouver.
- SMYTH-BARCLAY. Stanley Henry Smyth, BSc'62 to Patricia Anne Barclay, in Vancouver.
- STURN-SPAFFORD. William Sturn, BSc'63 to Joan Spafford, in Vancouver.
- SWEDE-LEWIS. George Swede, BA'64 to Bonnie Jean Lewis, in Vancouver.
- TANNER-HALL. Harold Terrence D. Tanner, BArch'64 to Dixie Katherine Hall, in West Vancouver.
- TITMUSS-CAMERON. Alexander David Titmuss to Sandra Jean Cameron, BED'63, in Vancouver.
- WESTBERG-ROSE. Ralph Roland Westberg, BASc'51 to Shelagh Ann Rose, BA '53, BSW'54, in Vancouver.
- WHITELEY-ALLEN. Denis Allingham Whiteley, BA'59 to Shawne Allen, in Vancouver.
- WOOD-WATSON. James Alexander Wood, BASc'62 to Margaret Anne Watson, BHE'64, in Vancouver.
- WRIGHT-PIERROT. Robert Frank Wright, BED'63 to Hazel Anne Cicely Pierrot, in Vancouver.
- ZAHAR-AXELSON. Roger Charles Zahar, BA'61 to Esther Marie Axelson, in Vancouver.

Marriages

- BEVERIDGE-MCEACHRAN. Robert Smart Beveridge to Ailsa Evelyn McEachran, BHE'52, in West Vancouver.
- BIRCH-KENNEDY. David John Birch, BASc '64 to Barbara Dianne Kennedy, in Vancouver.
- BURKE-LEGGE. Kenneth L. Burke, BA'52, LLB'58 to Andree Carroll Legge, in Athens, Greece.
- CHANDRASEKHARAN-SUBBALAKSHMI. Kuppanna "Chandra" Chandrasekharan, MASC'58 to S. S. Subbalakshmi in Tuticorin, South India.
- CHINNERY-HAWKEY. Michael Alistair Chinnery to Thora Elizabeth Hawkey, BA'58, MA'63, in Vancouver.
- CLAGUE-STEVENSON. Michael John Clague, BA'63 to Barbara Stevenson, in North Bay, Ontario.
- CONDER-BRANDON. David Walter Conder, BSc'58, MSc'62 to Marion Jean Brandon in Forest, Ontario.
- DALTON-HAMILTON. John Anthony Dalton, BSF'64 to Virginia Eldon Hamilton, in West Vancouver.
- DAVIDSON-RAGONA. Harvie Melvin Davidson to Fiamma Clelia Ragona, in Vancouver.
- DAWSON-IRWIN. William John Dawson, BCom'64 to Carol Joan Irwin, in Burnaby.
- ENGA-JONES. Eric Enga, BASc'62 to Sylvia-Anne Jones, in North Vancouver.
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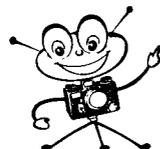
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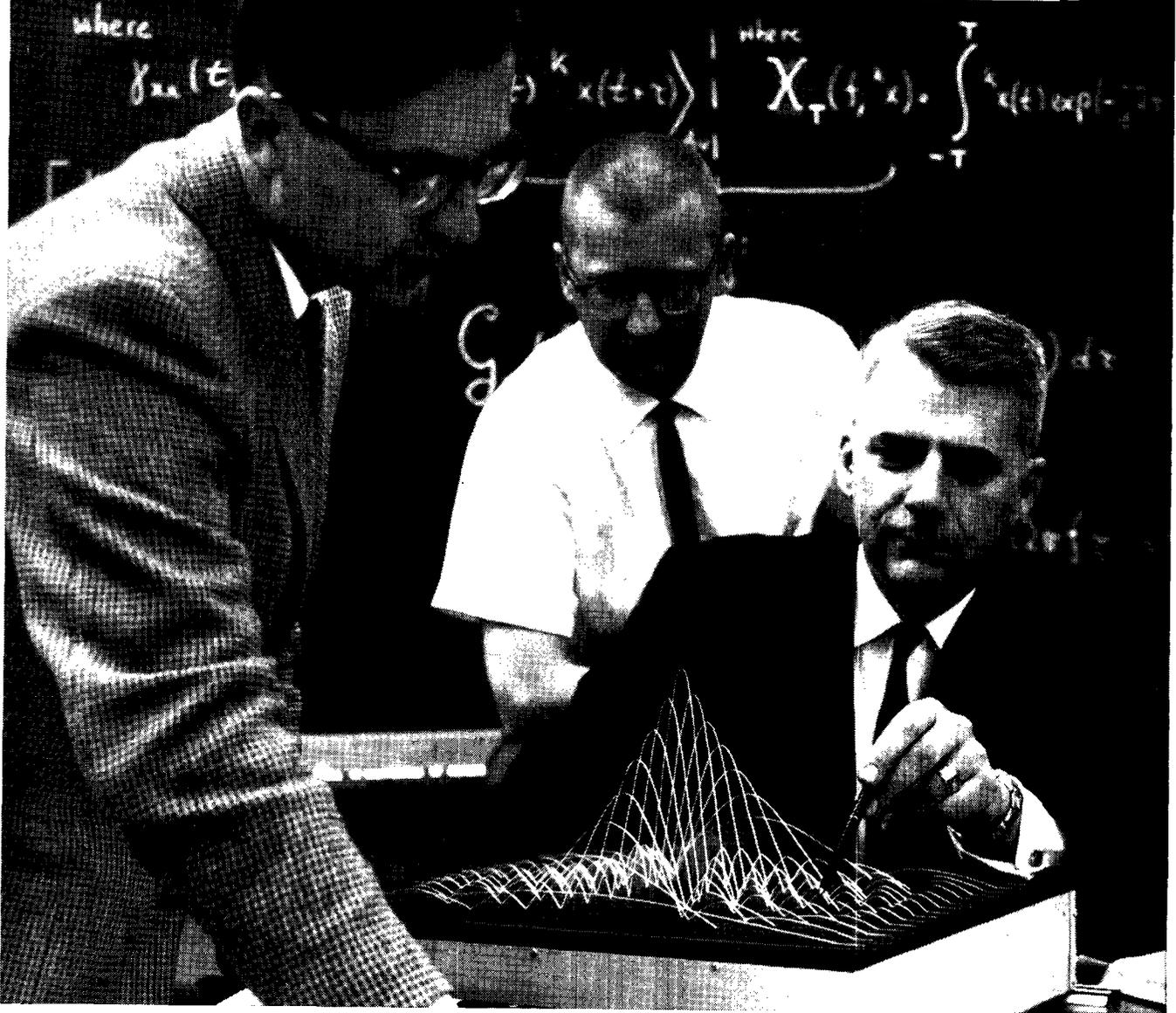
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Deaths

1916

Gladys C. Schwesinger, BA, MA (Harv.), PhD(Columbia), died July 12, 1964, in Victoria, after a brief illness. Dr. Schwesinger was internationally famous in the fields of psychiatry and psychology and resided in Ventura, California prior to her recent retirement to Victoria. She leaves her sisters, Mrs. O. (Isabel) Klas; Mrs. C. (Frances) DeRosier, and Miss Wanda Schwesinger, San Francisco, California.

1920

J Donald Siddons, BA, who retired from his position as principal of Delbrook Senior Secondary School in June, 1963, died on March 2, 1964. Mr. Siddons' teaching career began in 1921 and he held positions of teacher, vice-principal and principal in several British Columbia schools. He is survived by his wife Alice and his son Roy.

1921

Lacey Julian Fisher, BA, head of the English department at Salmon Arm High School died February 8, 1964. Mr. Fisher was co-founder of Everyman Theatre, a professional repertory company, and toured B.C. for one season with the troupe as a director and actor. Through the years he regularly directed award winning high school plays. He was also in demand as an adjudicator. His voice was familiar to Okanagan radio listeners as that of "The Storyteller." His death ended 30 years of teaching on the West Coast.

1923

Margaret Lindsay, BA, died on February 16, 1964. She was one of those who took part in the Great Trek to the present site of the University. She was in the first class to move from the old Seaview School which was once located at Vine Street on Fourth Avenue to the new General Gordon School where she was later to teach for thirty-five years. Miss Lindsay was one of the first women to

be named to the vice-principalship of a Vancouver school, the position she held at the time of her death.

1929

Thomas Downey Kirk, BA, MA'31, BED'55, died February 23, 1964. From 1934 he taught in various Vancouver secondary schools and was head of the department of French and German at Gladstone Secondary School at the time of his death. He is survived by his wife Marjorie and daughters, Dorothy and Katherine.

1936

Stanley Gordon Bruce, BAsc, died June 24, 1964, in Princeton. He was superintendent of Noranda Mines, Boss Mountain Division at the time of his death. Mr. Bruce leaves a wife and two small children.

1942

Donald M. Edwards, BAsc, died in a traffic accident near Salmo on April 15, 1964. Mr. Edwards spent his entire career in British Columbia and was well known in the mining industry. He was on the staff of Sheep Creek Mines, Ltd., at the time of his death.

1944

Byron T. Estey, BA, president of Columbia Distributors Ltd., died in June, 1964. Mr. Estey is survived by his wife Cori and five children; his mother, Mrs. Z. K. Estey, and a sister, Mrs. R. W. Weese.

1949

Donald A. Christie, BA, BED'58, died early January, 1964, at Chilliwack. In September, 1949 he was appointed to the staff of the junior-senior high school in School District No. 33. He became vice-principal of Sardis Junior Secondary School in 1956 and two years later, he was promoted to the principalship of Chilliwack Junior Secondary School, a position which he held until his death. Mr. Christie is survived by his wife Inez and four children, Robert, Peggy, Gordon and Lori.

1950

G. John Ross Flewin, BA, died in a

plane accident on January 17, 1964. Captain Flewin was a member of the directorate of military intelligence and disappeared on a flight between Toronto and Ottawa. His body was found in the wreckage of his plane near Bracebridge, Ontario on April 29, 1964. He is survived by his wife Vivian and four children.

1961

Robert G. McKee, BAsc, drowned June 27, 1964, while swimming at a beach near Tokyo, Japan. Mr. McKee was travelling home from England by way of Asian countries, Tokyo being his last stop, when the tragedy occurred. He is survived by his parents in Victoria and a sister, Mrs. E. E. Leishman, of Toronto.

LLD

William G. Murrin, LL.D. died July 25, 1964, in Vancouver. Mr. Murrin was president of B.C. Electric Company from 1929 to 1946. He served as a governor of the University of British Columbia and held honorary degrees from several universities. Mr. Murrin was president of the Vancouver Art Gallery Association, the Vancouver Little Theatre Association and was a member of the Vancouver Symphony Society. Mr. Murrin leaves his wife, Mary Jane.

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