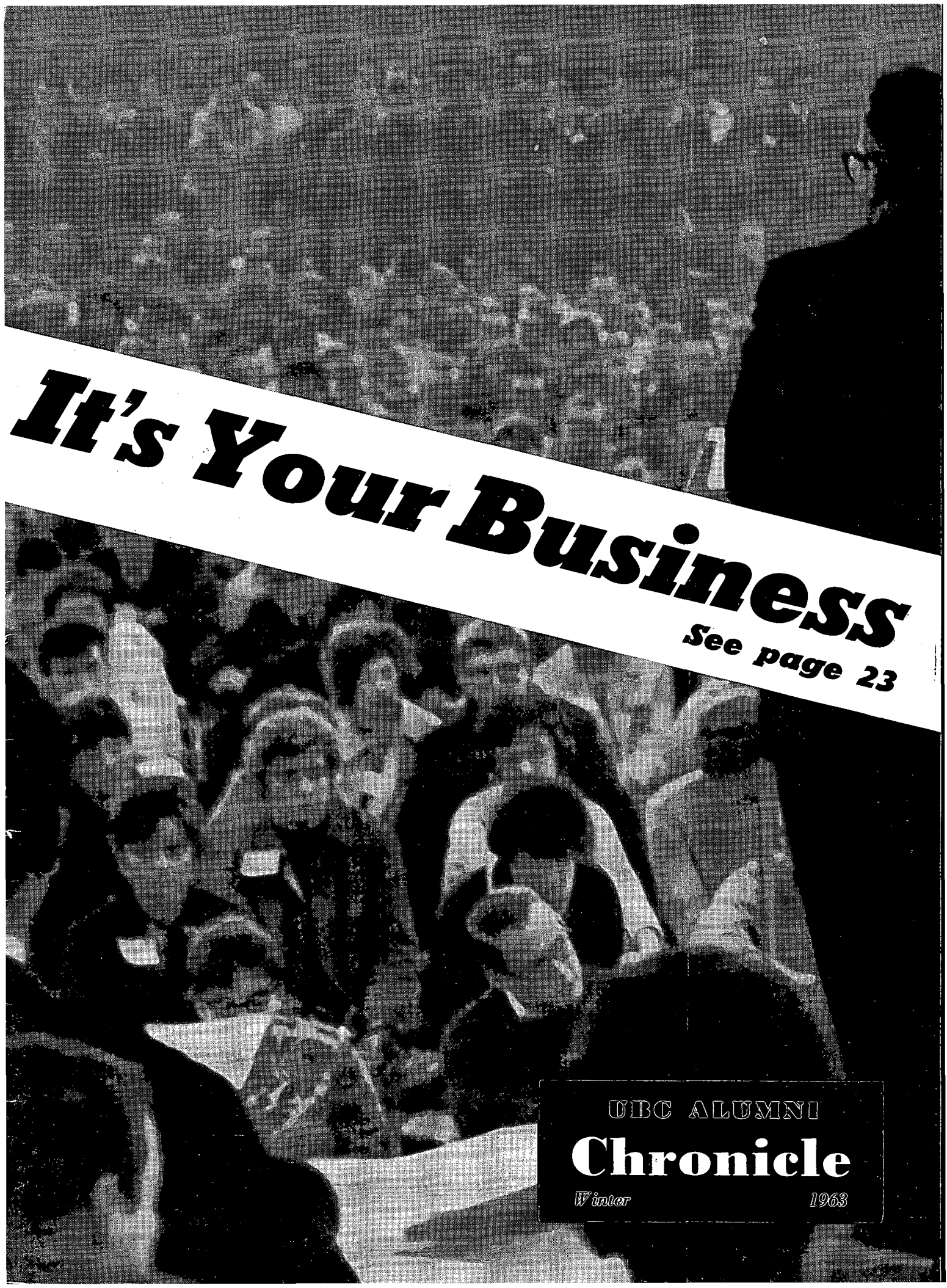

It's Your Business

See page 23

UBC ALUMNI
Chronicle
Winter 1963

"This spells it out"

Businessmen concerned in making executive decisions often make reference to the authoritative Business Review published monthly by the Bank of Montreal. Experience has taught them they can rely on this concise report for factual information and for accurate interpretation of economic developments affecting their particular business interests.

This monthly diagnosis of the current Canadian economic scene is prepared at the B of M's Head Office by economists having the sources and the experience of Canada's first bank at their disposal. If you feel it would be of value in your work, a note to the Business Development Division, Bank of Montreal, P.O. Box 6002, Montreal, will put you on our regular mailing list.

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U.B.C. ALUMNI CHRONICLE

Volume 17, No. 4 — Winter, 1963

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Special arrangements have been made to send this issue of the **Chronicle** to all known graduates of UBC, in view of the importance of the special insert entitled "The Challenge of Growth." The **Chronicle** normally goes to donors to the Alumni Annual Giving Fund or the UBC Development Fund. The Alumni Association is indebted to the UBC Board of Governors for making a full circulation run possible, and our thanks is hereby tendered.

If you have not received this issue at the correct address, the Alumni Office would appreciate receiving a corrected address. If you have enjoyed reading this issue of the **Chronicle,** and wish to continue receiving it (and do not now do so), the subscription rate is as stated above, or a modest donation to AAG will place you on the subscription list.

Cover Picture

At one of their "Back Mac" campaign rallies last spring, students listened to the president explain the university's position. This issue of the **Chronicle** brings the facts in greater detail to the alumni.

Dr. J. Katz
Faculty of Education, UBC

Working for a year or more would be a good prerequisite to entering university, says Katz

— LOGGER

THE IDEA that a year or more in employment would be a desirable prerequisite for admission to university presupposes that there is a kind of education to be obtained in employment which would be of benefit to those seeking a university education. I believe the idea has particular if not general application.

The student who comes to the university with a definite goal in mind, knows what the university has to offer, knows how to make use of all its resources, and knows the value of time, of effort, and of purpose. I believe this student would lose more than he would gain by spending a year in employment not associated with his purpose.

In the main, a year in employment would be desirable for two classes of students, those with no clear idea and those with, at best, only a hazy idea of what their goals in life are. These students have not reached any conclusion as to the kind of work they want to do—if any—and for them a year or more in employment would be beneficial to enable them to arrive at some clear conception as to what the world's work is, and as to what their place in it might be.

Beyond the question of purpose, there is the matter of the nature and character of work itself, and the part it can play in the education of the student. Certainly there are students who have had little experience in factory, office or field, and who, in consequence, lack an appreciation of the way in which work is actually done. For these students the realities of work provided by employment would be salutary in balancing a too sheltered set of ideals and imaginings with actual performance.

Too often, and particularly in urban societies, some students fail to develop a sense of responsibility and direction which concrete tasks require for execution. In other instances, the halo effect which students associate with working with ideas and ideals in an academic institution precludes the realization that the successful performance of a task requires as much patience, perseverance, and planning with people as is required in working with objects and ideas.

Although modern developments in science and technology have radically reduced the need for many kinds of semi-skilled and unskilled labor—the kinds of tasks usually reserved for part-time workers—there are still many kinds of work which can help the student find his bearings so far as his particular abilities, aptitudes, and interests are concerned.

If the student is fortunate in finding work directly or indirectly related to his field of special interest then indeed he will benefit from learning about what are the most recent developments in his field, as for example in the case of a student planning to enter the field of engineering, or business.

If the student in this hypothetical year of employment was not able to find work even remotely related to his special field, he might still benefit from the general knowledge acquired. In either instance he would have an opportunity to learn what he dislikes as well as what he likes.

Again, although the rate at which changes are taking place in our society has increased markedly in the past quarter century, the point at which these changes are most dramatic is at the point of application. What happens in science may be significant, but what happens in society is the ultimate test. It is in employment that the student can see the reality of the ultimate applications of the findings of the laboratory. It is in employment that the uncertain student can benefit most from the realization of what change means in respect of how things are done as well as why they are done.

It is one thing to speculate upon change; it is quite another to be involved in it.

Modern developments in the social and physical sciences, and in the humanities have tended to alter some of the earlier conceptions of work. Modern technology has taken some of the drudgery out of work, as it has some of the stultifying routines. Modern psychology and psychiatry have revealed some of the therapeutic values of work as an exercise. Studies of

(continued page 6)

Stay in school, that's the best advice I can give, says Swangard

HEADS ——

Erwin Swangard
Managing Editor, "The Sun"

STAY IN SCHOOL!

That's the best advice I can give to a young man or woman who wants to take a year or two out of school before continuing his or her education.

It is easy to give up school for a year or two, but it is much tougher to go back.

Too often I have seen young men and women take a year out of school and stay out forever. Some of them have been bright youngsters who could easily have completed a university degree program, but the lure of pocket money, a car, perhaps a girl friend has overcome the desire to learn and they have dropped out of school never to return.

I believe that a youngster can get on-the-job experience and still continue with his studies.

He can work weekends, or perhaps an evening or two a week. A number of university students work one or two days a week at *The Sun*. Their earnings keep them in pocket money, and, for those intending to make a career of journalism, they are getting valuable newspaper experience.

At a time when more and more students must be encouraged to go on to university we must help young people to stick to their studies. This fact is made plain when we consider that of 100 students who start school in Vancouver only 18 go on to first-year university and only 11 of these go on to second year.

Encouraging students to take time out to work would, in my estimation, only cut further into the number of students who go on to university.

But perhaps the most important reason why young people should stay in school is that they should complete their formal education as quickly as possible so that their talents can be used at a time when their minds are most productive.

Instead of slowing down the education process it must be speeded up.

Dr. Gordon Shrum, chancellor of Simon Fraser University said recently that most Nobel prizewinning physicists received their awards for work they did between the ages of 28 and 32. These are considered to be man's peak productive years.

However, Dr. Shrum pointed out that by the time a student gets his PhD and does post-doctoral studies in his field he is 30 years of age. Some of his most productive years have already been lost.

Dr. Shrum said he hopes to get around this by allowing bright students to get through university more quickly, permitting them to complete their formal education when they are still in their mid-twenties so that society may get the full benefits of their productive talents.

The old story that a student has to take a year or two out of university to get enough money to carry on does not, I believe, apply to-day.

Adequate scholarships, bursaries and loans are available to-day to all good students and none need drop out because of lack of money.

However, perhaps the university year could be rearranged into the quarter system which is now being developed widely in the U.S. A student can attend any three quarters and take the fourth off to work. This could cut down on the traditional summer scramble for jobs because it would allow the student to take a winter, fall or spring term off.

But I wonder, too, just how academic the argument I am putting forward in this article is in the light of the changing concepts of education today. Perhaps we are too prone to look at today's educational system in the same way as we looked at education when we went to school, when, in fact, the world today is drastically different from the world in which we were educated.

We know for certain that coming changes will make it again a totally different world in which our children will have to be brought up.

Instead of worrying about whether a student should interrupt his education by going to work for a year or two, we should be worrying more about how his education is preparing him for a working world where his job is likely to be obsolete within a year or two. Our educa-

(continued page 6)

KATZ from page 4

from page 5 SWANGARD

LOGGERHEADS

individual and group dynamics have shown that value images derive from feelings of satisfaction in being useful and productive. These findings have all contributed to effecting a change in attitude toward work as work, and to its place in the scheme of human affairs.

Whether or not work is considered in the context of social necessity or moral obligation, the place of work has changed over the centuries in direct proportion to changes in social organization and technological development. In effect, as social classes have melded, so has work moved up in the hierarchy of our value systems. At the same time, technological developments have demonstrated that work of whatever nature is valuable in itself. Nevertheless, we continue to distinguish between work which involves the muscles, and work which involves the mind, and attribute to the second a higher place than we do to the first. In essence students at some point have to recognize that work is a function of force rather than of form.

Attitudes toward work have derived in part from the leisure class conception that work was menial and in a way denigrating. We haven't even in this day, escaped the feeling that work is contaminating of the aesthetic senses. And this despite the fact that work is the will in action.

The proposition that a year or more in employment would be a desirable prerequisite for admission to university depends in the last analysis upon whether or not the student has *learned to work* by the time he applies to the university. It would seem, in the light of the foregoing examination, that unless a student, in the course of acquiring satisfactory standings in English, History, Mathematics, Science, and the like, has also acquired an understanding of, and a *capacity for work,* a year or more in employment would be indicated.

tion no longer ends with a university degree or a high school diploma. We are now confronted with not only a new phenomenon but almost a new dimension in the process of education.

The idea of continuing education, of continuous learning, often referred to as adult education has taken over as an equal partner with the elementary school, the high school and the university.

Education has become a lifetime affair that ceases only with death. So, in effect, no matter when we get out of school our education must continue. In fact, we can no longer claim that we were educated in one particular school or one particular university. We were lucky if we merely learned how to learn and we are blessed with the supreme gift if we learned to love the process of learning.

Unless this concept becomes firmly established in the minds of not only the educators and teachers but of everybody concerned, our schools and even our universities will become mere factories for obsolete people with obsolete minds.

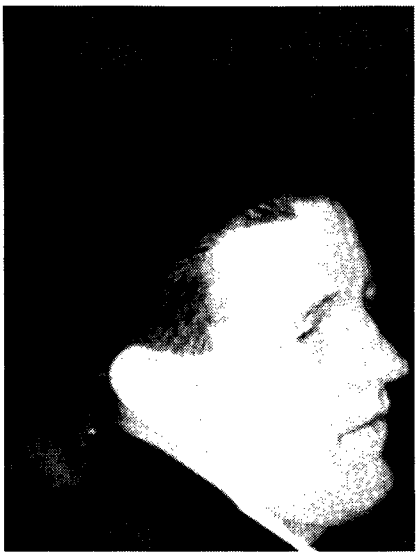
And while we may be able to afford obsolete machines, obsolete minds are a luxury our society cannot afford. Changes in our outlook and our approach to education have been coming fast; we must not be slow in adapting to those changes.

Walter Lippman said not long ago: "The critical weakness of our society is that for the time being our people do not have great purposes which they are united in wanting to achieve. The public mood of the country is defensive—to hold and conserve, not to push forward and create. We talk about ourselves these days as if we were a complete society, one which has achieved its purposes and has no further great business to transact."

We must get off the defensive!

Musa Lincke, Homecoming queen

They turned their steps towards home in late October.



UBC coach works to restore classic ideal

by Al Fotheringham

IT'S AN INTERESTING FACT that UBC, which has had more than its share of trouble trying to find its athletic niche at the local or national level in recent years, has in fact had much better fortune when it has attempted something of international challenge.

The first, of course, was the story of the rowers who, through an uncompromising leader and young men who set high enough goals for themselves, reached world standard in spite of supposedly insurmountable obstacles.

The second case is now in progress on the campus, as another demanding leader has set a world target for some young men who are pursuing it at considerable personal sacrifice.

Father David Bauer, with his aim of winning the world and Olympic hockey title with college students instead of retread professionals, has evolved a truly audacious plan. For Canada to be represented abroad by citizens who are both hockey players and gentlemen is a departure that is likely to hike the unemployment rate alarmingly among European headline writers.

Not since the early days of the sport—before the professionals ruined it with their greed—has Canada sent abroad such players as Father Bauer is now training, players who were hand-picked for their idealism and spirit as much as they were for their skill on hockey skates.

Make no mistake about it. Father Bauer is trying to prove something here, just as Frank Read attempted to prove—and succeeded—that Canadian young men were as good as any in the world if they were only prepared to work. There is a parallel here too with the rowers. Father Bauer wants only those players who will give of themselves for the national cause.

When he came up with his plan—to gather some of Canada's outstanding college hockey players at UBC and train them together for the Olympics—he approached in Toronto the key players he had in mind. "I have no money available as yet," he told them. "I don't know if this is going to work. But would you be willing to walk to Vancouver if necessary to get to my training camp?"

(continued page 8)

from page 7

UBC coach works

When the reply was "yes," Father Bauer decided, and only then, to go ahead.

He had left hockey the year before this. He left it because he was dismayed and disillusioned with what the professionals had done to the game he loved. Father Bauer is of a famous hockey family. He gave up a beckoning professional career in the game to enter the priesthood, only to emerge as the brilliant coach of the proud hockey school of St. Michael's College in Toronto. He won a Canadian junior championship before he (and St. Mikes) dropped the sport, unhappy with the direction it was taking.

It was after his transfer to St. Mark's College at UBC that he came up with the plan, a plan that he thinks might save a game that is degenerating into violence. IF a team of college students can win the Olympic title, he feels, Canadian spectators may once again be allowed to watch a skilful, swift style of play now existing only overseas, the colleges may be able to regain some autonomy in the NHL-dominated system and talented youngsters may be allowed to finish their education before being whisked away at 15 into the maw of the farm club system.

Father Bauer is trying to restore the classic amateur ideal and attitude into the deadly serious business of Olympic hockey, a competition now distorted by rampant nationalism, press emotionalism and political pressures. To do it, he first considered 100 top young players. He wanted only those who would be proud to wear national colors abroad.

Some eliminated themselves, by the simple expedient of inquiring what was in it for themselves. Others were not up to the Bauer standard of conduct. Eventually he invited 34 to training camp—to-day 20 of them survive.

There is another parallel here with the rowers. The hockey players had to do their own carpentry work to provide living quarters. The abandoned wireless station on university land was repaired and expanded.

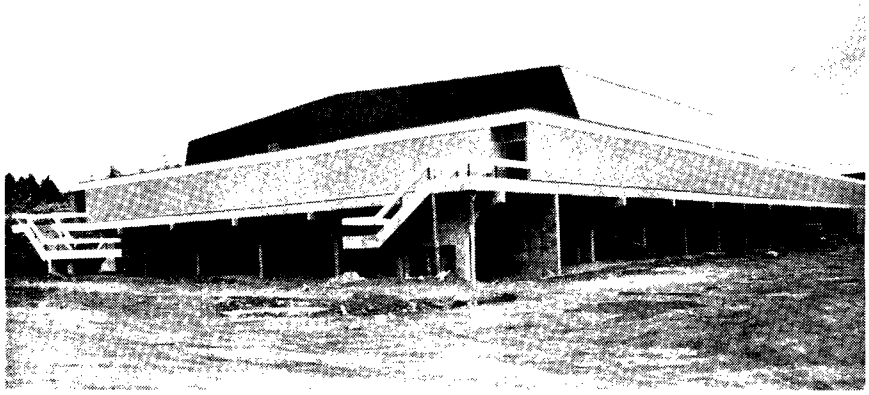
The players, gathered from six provinces, now attend UBC. They've been playing an arduous exhibition schedule across Western Canada, preparing for the Olympics and impressing fans with a swift style of hockey that we have abandoned to the foreigners. Father Bauer drives them, inspires them. They worship him.

They leave Vancouver the day after Christmas for a mission that could determine the future style of play in a once-great game in this country. First an exhibition tour of Europe—then the Olympics beginning January 29 in the beautiful Austrian town of Innsbruck. It's a tremendous challenge.

If there's a lesson in this for the troubled world of UBC athletics, perhaps it is in the joy of daring to aim high enough. The young men are available; is someone underestimating their capacity?

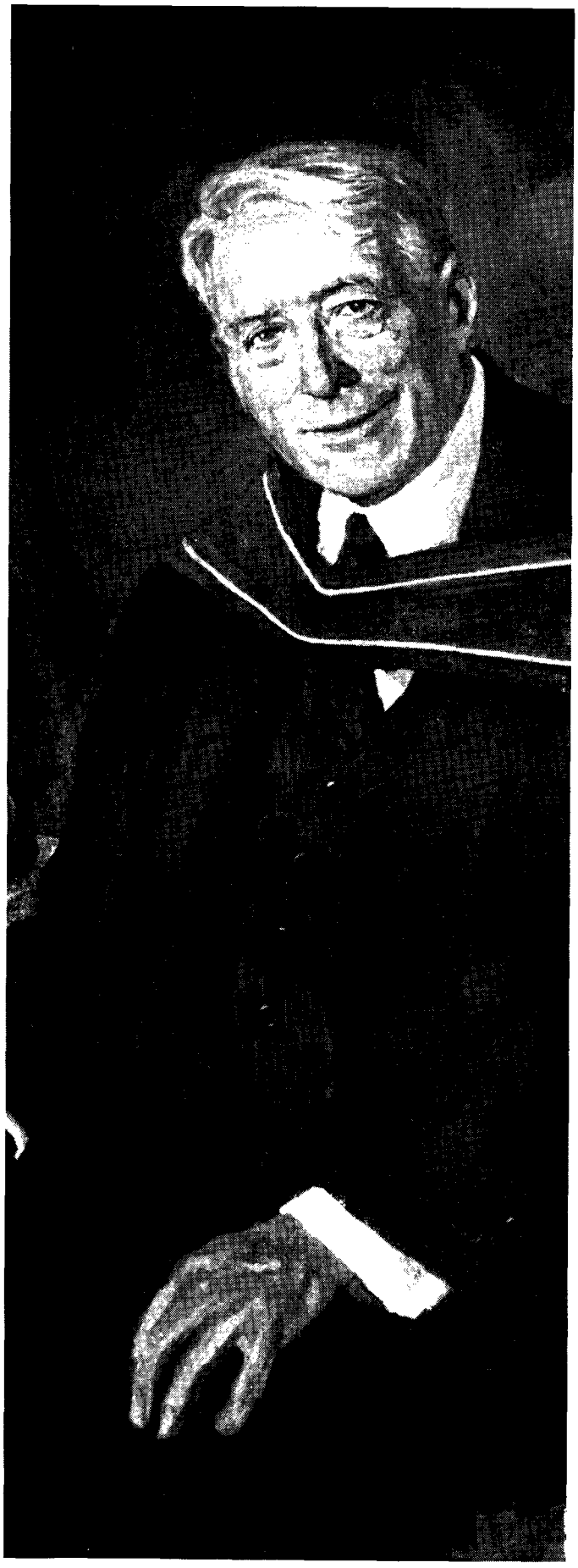
Three well-known UBC sports figures will play an important part in Canada's bid for the 1964 Olympic Games hockey championship.

The Canadian team, made up of players now attending UBC, will leave Vancouver December 26. Manager of the team will be Dr. Bob Hindmarch of the physical education staff, a great all-round athlete in his student days in the early 50's. Team physician will be Dr. Jerry Nestman, former Thunderbird football star who has been active in alumni work. Trainer of the team will be Johnny Owen, a UBC institution known to every athlete who has nassed through the university in the last 30 years.



UBC's new winter sports arena has contributed greatly to the Bauer experiment, for it is here that the Olympic hopefuls have been regularly working out. The new arena was officially christened during the Homecoming weekend when the Olympic team defeated the Canadian Junior Champion Edmonton Oil Kings 2-0. The new building, located south of Agronomy Road, cost $500,000. Students and administration covered the cost in equal shares. The sports complex contains a hockey rink, six curling sheets, offices, snackbars, curling lounge and dressing rooms.

Every man and his dog came to Homecoming. Here Mrs. John (Barbara) Norris, BA'48, and "Lady" visit the space capsule.



Dr. Walter Noble Sage

Walter Sage dies

Old order passes

IN THE DEATH of Walter Noble Sage on September 11, 1963, at the age of seventy-five, the Senate of the University of British Columbia lost a familiar figure and one of its most devoted members. Serving his first term in 1939-1942, Dr. Sage was re-elected in 1945, and thereafter was regularly returned by Convocation, completing eighteen years of continuous service in May of the present year.

As we look back on his long career of teaching in this university, from 1918 to 1953 and for two further years after reaching retiral age, we sense a passing of the old order, a dramatic moment of completeness. His death has come in the year of transition, between the period of vigorous pioneering growth and an era of institutional expansion and change in higher education.

Born in London, Ontario, in 1888, Walter Sage was educated in both Canadian and English schools, and received his degrees from Oxford University and the University of Toronto. He lectured at Calgary College and at Queen's University, and at the age of thirty started his long association with the University of British Columbia, where for the last twenty years of his teaching career he was Head of the Department of History.

His interest in the history of his adopted province began early, with an article in 1921 on "The Gold Colony of British Columbia." The interest became a scholar's passion, reflected in his fostering of regional studies and creation of new courses, in his active concern with historic sites and monuments, in the numerous historical associations he assisted or presided over, and in the steady output of books and articles that contributed to the historical knowledge of the Pacific Northwest.

To him history, whether of the British Empire or of British Columbia, was a living study, absorbing for its revelation of human personality in action.

It was this obvious enjoyment that made him a popular teacher, communicating his own pleasure in incident and anecdote, and delighted to discover and encourage a similar passion for history in the young. Generations of students at this university share the classroom memory of a burly figure shaking with infectious laughter while recalling the foibles of the great, or revealing an eager interest in the inter-relationships of character and event.

That such memories persisted long after the days of undergraduate lectures, strengthened by the image of a man kindly and helpful in both student and community life, is evident in the unswerving loyalty shown him by Convocation.

Tim Hollick-Kenyon, Director, and senior secretary, Eileen Warnock

Trail to Tokyo— office serves you

IN MAY 1963 British Columbia's seventh regional conference on higher education was held in Trail. The year before Tokyo UBC Alumni Branch had its first meeting, with fourteen present.

Those two events, physically widely separated, spiritually kissing-kin, are just illustrations of the Alumni Association at work.

The Alumni Association. That's you, dear reader, and some 23,999 other graduates of UBC, graduation having automatically made you a member of the Association. You don't get, you won't get, any dues notices or membership card, because the Association operates through its fund-raising campaigns. You are a member whether you like it or not. We believe you like it, but may not know too much about it, so here's the story.

It's you who provided Norman MacKenzie Alumni Scholarships of $300 each to help Terence Marion of Dawson Creek, Frances Guile of Kamloops, North, James Gyoba of Spuzzum, and thirty-nine other promising young students to come to the Point Grey and Victoria campuses this year. You did the same for a different forty-two last year, and the good work will go on through funds allocated from Alumni Annual Giving.

A donor can earmark his donation for any of forty to forty-five different projects. Unallocated funds have gone to such objects as the President's alumni fund (which is used for special needs and emergency requests), the regional scholarships mentioned above, the library, athletics.

Move to a new job in a strange city, and your first step after house hunting is to turn to page 42 of the *Chronicle*, that page with the repulsive small type, and find the name and address of your Branch contact. Now you are no longer a stranger in a strange land.

At the top of that same page 42 are the names of the members of your Board of Management. Note the regional representatives on the Board. When any region organizes a university association (within which will be several branches), they may, once they are recognized, appoint a representative to the Board. Note also those ex officio members who are the Association's liaison with the student body. There are representatives for every degree and there are the three Senate representatives appointed by the Board, the Alumni liaison with the university administration.

The Board of Management has the responsibility of carrying on the work of the Association. They meet quarterly. The executive committee is a very hard-working group that meets monthly or oftener if need be. On it are the president, the immediate past president, first, second and third vice-presidents and eight members-at-large.

In the next issue of the *Chronicle* you will see a notice of the annual meeting of the Association—always held in May — and instructions on how to nominate a member for election to the Board of Management — an extremely simple procedure, incidentally. Only active members have the right to vote, but a very modest contribution to AAG gets any alumnus on the active list. In fact, under the by-laws anyone who has completed fifteen units of work at UBC may become a member of the Alumni Association.

Another category is the community member, a highly valued addition to the alumni fellowship. Under the bylaws any person, not a graduate, who has demonstrated an active interest in the needs of higher education may be admitted to membership. There are as well life and honorary members.

All these persons, it is expected, subscribe to the aims of the Association. Some of those aims are: to educate public opinion regarding the needs, the use and benefit of the University of British Columbia and education in general; to adopt a definite policy on questions affecting the University, education in the province, graduates of the University, and persons engaged in educational work in the province; to encourage interest among the graduates of the University in elections to the Senate of the University.

These objects add up to a big order which, of course, is the thing that makes belonging to the Alumni Association worthwhile.

The people who implement the policy and decisions of the Association and its Board of Management are to be found at Room 252, Brock Hall. The latch string is always out here for alumni who may care to drop around and visit on business, or just visit.

The Director's Diary for this issue is taking the form of the following literary look at the inner sanctum of the Alumni Association.

Denise LaCroix and Linda Bater

Chris Smith, Margrit Schnetz and Wendy Jay

Alumni Staff always ready

Your alumni office staff presently totals ten people, each with distinct and specific duties. This staff is maintained to serve the alumni and the University, and to carry out the policy and program laid down by the Board of Management of the Alumni Association.

The staff is headed by the Alumni Director, who is appointed by the Board of Management, and carries out various duties as assigned by the Board. These involve the maintenance of contacts with Alumni, students, Faculty, and the University administration, and handling enquiries on a daily basis from alumni and alumni groups throughout the world. The director also visits alumni branches and regional groups throughout British Columbia, and arranges alumni meetings throughout North America and various other parts of the world. He is responsible to the Board for the general maintenance of the alumni program, and the operation of the Alumni Office.

Your Assistant Director is a genial young man by the name of Gordon Thom. Gordon, a graduate of UBC, with a slight detour to Maryland for an MBA, is responsible for the annual programs of the Association: Alumni Annual Giving, Homecoming, Reunions, Annual Meeting, plus the business affairs of the *Chronicle* magazine, and the various Faculty degree divisions.

The *Chronicle* is presently produced by a full-time editor in the person of Miss Elizabeth Norcross, our most recent addition to the full-time staff. Miss Norcross has an extensive writing background, and this issue of the *Chronicle* is her debut as our editor.

As you walk through the Alumni office door, the first person you meet is our senior secretary, Miss Eileen Warnock, who supervises the office staff as well as casual student staff that is hired for peak periods, meets and greets visitors to the office, and handles the multitude of details that constantly flow into your alumni office.

Our bookkeeper, Mrs. Christine Smith, is the most senior employee in terms of length of service, having been with the Alumni office for 3½ years. Chris handles all aspects of the accounting, banking, financial statements and ordering for the office, and in her usual efficient Cockney manner ensures the smooth flow of tickets for the many alumni events that occur throughout the year. While the total annual Association budget is $64,625.00, nearly double this amount in revenue goes through the alumni books in a year, since many of the alumni activities are operated on a sustaining basis.

Doreen Bleackley

Gordon Thom, Assistant Director

Our stenographer is Miss Wendy Jay, who answers the 'phones and is kept very busy with the mass of letters, minutes, agendas and reports that are required to service the many alumni committees.

Mrs. Margrit Schnetz, our Swiss representative on staff, is the fund clerk for Alumni Annual Giving, and is responsible for sending out all the AAG mailings, compilation of AAG's statistical analysis, and for seeing that all donations are acknowledged.

Mrs. Doreen Bleackley combines two very important jobs: keeping the graduates' addresses up to date on the master alumni file, and assisting in the production of the *Chronicle*.

In the *Chronicle* office, we maintain a biographical file of all available information on UBC grads, which is used constantly as a reference file by the office staff. In addition, we are engaged in a continuous attempt to keep our address records as up to date as possible by trying to trace "lost" graduates as time permits.

The alumni office also houses the central mailing room for the total university and is staffed by Mrs. Linda Bater and Mrs. Denise LaCroix, who ride herd on 90,000 addressograph plates for all University departments. It is from this office that all mailing runs—UBC Reports, Chronicles, Convocation ballots, notices of meetings, Extension courses, etc. are sent to interested people.

These people are your alumni staff, who stand ready to help you at all times and answer any enquiries that you may have. They are a hard-working, dedicated group of people, and we commend them to you, as we commend to you the Association they serve.

There were golf tournaments for the ladies and for the men. Doug Bajus and John Russell, co-chairmen for the latter event, study the score sheet at the end of the day.

Homecoming

Left:

A number of "campus tourers" met for coffee and discussion after the tour and to listen to John Porter, UBC's physical planner, outline proposals for development.

in

Pictures

Right:

The Space Seminar at UBC coincided happily with Homecoming, and the replica of the space capsule, on view in the Armouries, drew visitors of all ages.

Above:

A distinguished visitor to many Homecoming events was Chancellor Phyllis Ross, pictured here at the '28 Reunion with Mrs. Arthur (Mary Cole) Cameron.

Right upper:

Mrs. John B. Macdonald, chatting here with Mr. Paul Paine was an honoured guest at most of the Homecoming functions. President Macdonald has his back to the camera.

Right lower:

President Emeritus MacKenzie, taking brief leave from his chores at the University of New Brunswick to preside over meetings of the Canadian Centenary Council in Winnipeg and the Koerner Foundation in Vancouver at Homecoming weekend, also managed to make the rounds of class reunions at UBC.

Old friendships were renewed at the class reunions.

Opposite page.

The youngest lady in the picture just went along for the ride on this jitney tour of the campus, but the odds are she'll be making the rounds as a queen candidate fifteen years or so from now.

Dr. H. T. J. (Professor Emeritus) Coleman, ninety-one years of age and convalescing from a broken hip, sent his regrets to the Class of '23, together with a thirty-line tribute in verse, entitled "Forty Years on":

We in the flower of our youth
Were busy in a search for truth
In buildings that were never planned
to be in form and fitting grand.

Forty years on, and we are told
That all of us are growing old
And yet this evening it is plain
We for a time are young again.

The Class of '58, youngest group reuniting at the 1963 Homecoming, was kept busy introducing new husbands and wives or reporting on family additions.

Below:

Everyone who came to the ball at the Commodore will remember the chorus line, highlight of the floor show.

As usual, hard-working students prepared floats for the big Saturday downtown parade.

Left:

Elbow grease was a vital ingredient in preparations for the Homecoming parade.

Right:

Here's a visitor to the space capsule, a prime attraction of Homecoming.

Below:

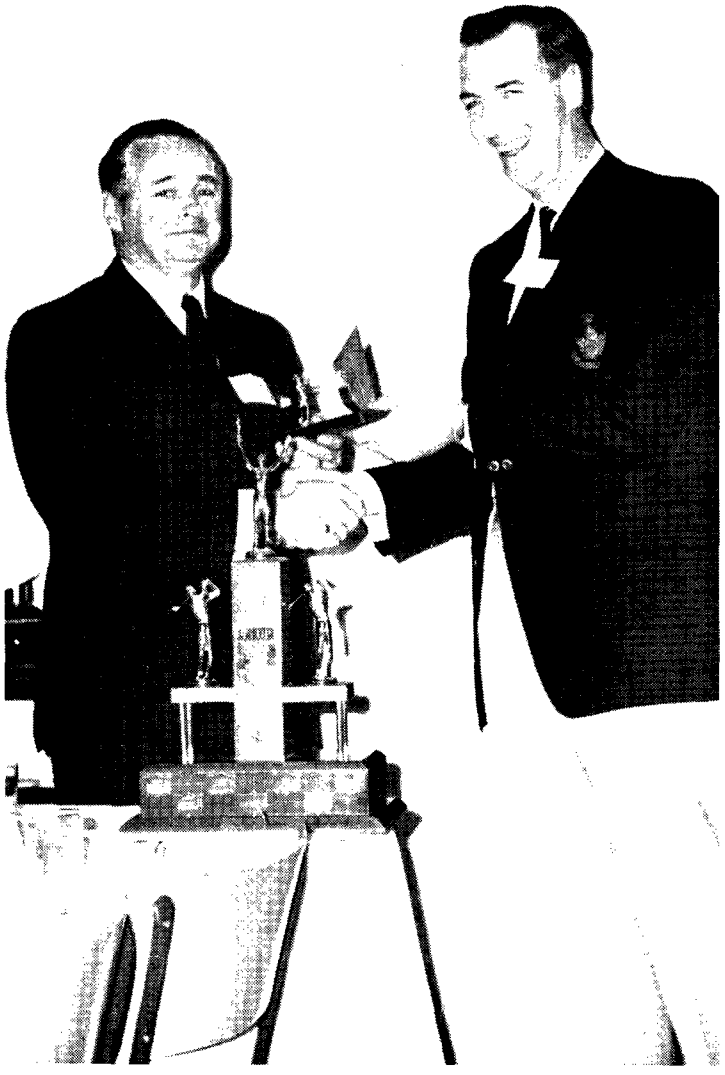
The curling bonspiel was the newest thing in Homecoming events.

Left:

Discussion was lively in the Graduate Students' Centre following the campus tour.

Below: (left):

The Seven-Up Challenge Trophy for the Men's Golf Tournament was won by Robert Talling, BCom'47, being presented to him here by Doug Bajus, co-chairman of the tournament committee.



Girls in residence can lounge, read, gossip in the pyjama rooms.

The State of the University Committee reporting said . . . . . "It was the strong conviction of your Committee that the most privileged person on the campus today is the student living in residence."

Student housing: an extra dimension

STUDENT HOUSING on campus is not just a matter of providing a roof for the student's head and balanced meals for his stomach; it's an extra dimension in university education.

Stephen Leacock in one of his essays had this to say about his ideal university: ". . . The real thing for the student is the life and environment that surrounds him. All that he really learns he learns, in a sense, by the active operation of his own intellect and not as the passive recipient of lectures. And for this active operation what he really needs most is the continued and intimate contact with his fellows. Students must live together and eat together, talk and smoke together. Experience shows that that is how their minds really grow. And they must live together in a rational and comfortable way . . ."

With that as their philosophy, Housing Director John Haar and Dean of Women Helen McCrae are trying to make student housing on campus provide an atmosphere as educative as the classroom, the laboratory and the library.

Two thousand UBC students breathe this atmosphere. The physical framework for it is provided by the permanent dormitories plus the well-worn army huts of Fort Camp and Acadia. The huts have the advantage of cheapness. The residences—well, let's take a tour.

The newest are on the Lower Mall, four-storey structures of warm brick. Here we can go over a women's residence. The students' rooms, some single some double, are light and bright, and are furnished to serve as both comfortable bedrooms and studies. On the ground floor is a spacious reception area with a kitchenette off, largely ignored in favour of the small "pyjama rooms" on each floor. "Socializing is hori-

zontal," Dean McCrae points out, and furthermore, the girls like to be crowded. Each of these small lounges has its tiny kitchen where bedtime snacks can be prepared.

The men's residences are comparable, except for the individual floor lounges which no one thought of for them. When more residences are built, they'll have "bull rooms" as the masculine equivalent of the women's pyjama rooms. In the main, both sexes prefer single bedrooms, except for the frosh who like a roommate, and, in John Haar's opinion, are the better for one. For economic reasons, more of the seniors will have to put up with company in the new residences.

Each residence has its own "government", composed of a don, a resident fellow who is a scholarship student, and a students' committee.

Serving both men's and women's dormitories is the Commons Block which has men's and women's separate lounges, to which they may bring visitors of the opposite sex, a recreation hall in the basement, and a long, pleasant, upper floor room which is the cafeteria. A toast room for late breakfasters opens off it. On the main floor is a canteen which carries just about everything in the way of iktas that a student in residence might require, from bromo-seltzer to nylons.

Fort and Acadia, which many students have to prefer for financial reasons, have recently acquired fairly good lounges.

For married couples there is some minimal provision left over from the days of the veterans, 226 suites, twenty-five of them permanent, which are rented to junior faculty, graduate students and undergraduates, in about equal thirds.

There we have the bricks and mortar of student housing on campus. What happens within the walls that is so special for the students so housed?

First of all, they come from out-of-town homes. (Of the Vancouver students who apply, a mere handful are admitted, and then only on medical or compassionate grounds.) This means that the residents meet and mix with students not only from many different parts of the province, but from many different countries, the first educational experience offered by the campus dormitories. Secondly, there is a policy of mixing up students of all years on every floor.

"It is possible to reinforce adolescent behaviour and that is the major reason for mixing up the years," says Dean McCrae. The girls and boys just come up from high school copy their elders and drop their childish ways. The presence of older students also makes for stability, solves most disciplinary problems and many personal ones as well.

The housing authorities are exploring other means of enriching the resident student's academic experience. At present, there are faculty dinners in all residential units, two a year generally, to which members of the faculty are invited with their wives for an informal evening with the students. It is planned also to introduce "residence associates." Members of the faculty will be invited to serve in this capacity, acceptance laying them open to invitations to coffee, lunch, or any other occasion, including pre-exam cram sessions (surely a work of supererogation!), with a view to strengthening academic relationships.

Looking after the students-in-residence physically presents no particular difficulty. The problem is to develop the residences culturally and at the same time see that there is a good academic atmosphere.

The cultural aspect is being fostered by the measures outlined above. The academic is taken care of by the ruling that only students with a clear academic record may expect the privilege of living in residence.

The State of the University Committee reporting in 1960, said, "It was the strong conviction of your Committee that the most privileged person on the campus today is the student living in residence."

What percentage, then, of our student body is so privileged? At present, 14%, a higher percentage for women, lower for men. John Haar's goal is 25%.

The goal is a realizable one. The accompanying dream is to make residence on campus not just the privilege of the relatively well-heeled, but open also to the boy and girl just getting by. The residences, with all their desirable facilities, are paid for by the fees of the residents, the mortgage principal and interest as well as the operating costs. Provision of bursaries that would defray in part the board and lodging expenses of financially-straitened students is actually more than a dream with Mr. Haar; it is part of his goal. Leacock's ideal university may yet be open at UBC without money barriers.

Canadian, American universities — they're not that different

by Dr. A. N. MacDonald,

Department of History, University of B. C.

RECENTY I ran through the 1963-64 calendar of one of California's four-year state colleges and found the following courses offered for credit: Industrial Arts 129: Automotive Systems Repair Procedures, Business Education 182: Teaching Methods in Secretarial Subjects, Health Education 90: Principles of Healthful Living, Journalism 17: Introduction to Photography, Criminology 5: Traffic, Recreation 160: Camp Management.

Now it must be pointed out that this institution also offered a very large number of legitimate university courses. For all too many people, both in Canada and elsewhere, frothy superficial trade school courses such as those listed above symbolize advanced American education.

From such evidence there is a tendency in Canada to belittle American universities. Canadians would agree that Harvard, Yale, Princeton and a few other elite institutions are "great" universities, but beyond this small handful, American universities are regarded as clearly inferior to the Canadian product. In this article I want to question such thinking, and suggest that there isn't as great a difference between American and Canadian universities as we would like to believe, but rather that advanced education in the United States and Canada is essentially similar.

At last count the United States had over two thousand institutions of higher learning and undoubtedly they range from the world's best universities to the world's worst. There are about 700 liberal arts colleges, 200 teachers colleges, and over 600 junior colleges. Depending upon one's definition, there are somewhere between 150 and 500 universities. These institutions range in size from Goddard College in Vermont with 103 students to the University of California with over 44,000. A Princeton student pays a basic tuition fee of $1550 per year, while his counterpart at Berkeley, if he is a resident of the State of California, pays no tuition whatever.

Canadian universities also show a great diversity, though the range is not as great as in the United States. Altogether we have about 50 universities, the best of them are not as good, and the worst are not as bad, as those in the U.S.

We all know of McGill, Queen's, the University of Toronto, and UBC, with their big enrolments, large faculties, and nation-wide recognition. But how many of us could place Assumption University, Lakehead College, Mount Saint Vincent College, Laurentian University, Saint Dunstan's University or Sir George Williams University? It is pertinent to note that of forty-nine institutions listed in the 1962 edition of *Canadian Universities and Colleges,* twenty-one had enrolments of under 500. If comparisons of Canadian and American universities are to be meaningful at all, they have to be made between comparable institutions.

The primary characteristic that indicates the similarity of Canadian and American universities is that both nations are firmly committed to the philosophy of university education for everyone who is capable of profiting from it. As one indication of this pattern, between 1910 and 1960 both American and Canadian populations have about doubled, but in 1960 American college enrolment was eight times, and Canadian enrolment six times, what it had been in 1910. By 1960, the U.S. had one college student for every 50 people in the total population, Canada one for every 120. By way of contrast, as of 1957, the ratio for the United Kingdom was one per 625.

> *". . . Concentration on quality is seen in the entrance requirements set by many Canadian universities. Access to higher education is being determined more and more on the basis of merit. The best possible education for those of proven intellectual excellence is, in many institutions, favoured over higher education for as many as possible."*
> *—from a paper presented by the Very Rev. H. F. Légaré to the Conference "Canada's Universities in a New Age."*

No one would dispute the fact that the idea of mass university education has entailed many problems, especially the key one of maintaining standards, but the United States and Canada seem to agree that educating only the elite is a luxury that can no longer be afforded.

Another way in which Canadian and American universities are alike is that both feel the consequences of a change in the source of support. Traditionally, uni-

For all too many people, both in Canada and elsewhere, frothy superficial trade school courses symbolize advanced American education.

. . . The United States had over two thousand institutions of higher learning and undoubtedly they range from the world's best universities to the world's worst.

versities have relied on a variety of private funds, whether they be student fees, endowment incomes, gifts or grants. But this is no longer the case. To-day for example over half of the operating budgets of American universities come from taxes, and over two-thirds of all American college students are in public institutions.

This trend has not gone as far in Canada as in the U.S., but we show the same basic pattern. In 1963, UBC received 36% of its operating funds from the provincial government and 25% from the federal government. The University got over 55% of its income from the provincial government and 16% from the federal in 1958, while Queen's, although it received no money from the provincial government, got approximately 40% of its total income from the federal government.

This shift from private to public control entails critical consequences. Universities can no longer be as independent nor as indifferent to public wishes as they once were. Faculty members can insist that a university should be a place to train the mind or to develop the intellectual capacity of a student to the fullest, or even as a place to study something out of sheer curiosity. But to John Q. Public who must foot the bill, all this is a bit fuzzy. He sees the university as a training place for the accountants, physicians, school teachers and other specialists society requires. Such pressure has led to a rapid expansion of practical courses in Canadian and American universities, and this well established trend will undoubtedly continue.

Another consequence of the increased dependence on public funds is that it tends to limit the academic freedom of the university community. On this critical issue, the Canadian record is distinctly better than that of the United States, but it must be added that there are some embarrassing inconsistencies to this generalization.

Finally, Canadian and American universities have similar goals and face common problems. All universities worthy of the name are committed to the struggle for excellence, whether it be measured by raised admission standards, increased number of honours courses, or the establishment of PhD programs.

The problems universities face are also universal. How do we maintain teaching effectiveness as enrolments soar? Should we rely on graduate students to mark first year essays or handle group discussions? What changes should be made in the curriculum? How do we get and maintain a good staff if we can't meet competitive bids? Is the faculty playing the role it should in the government of the university? Are we meeting the needs of the gifted student?

By the very nature of the problems facing all Canadian and American universities, UBC will find the coming years hectic ones. In concentrating on these problems, it is easy to overlook some of the very desirable conditions we enjoy at Point Grey. First of all, I would suggest that a basic respect for intellectual work exists at UBC. This climate of opinion, mood, call it what you will, is hard to define and harder to generate, but without it, university education is a farce. Student interests and activities are also a good indication of the character of a university and here, too, we have much to be thankful for. UBC is not controlled by Greek row fraternities, nor the football team, nor even the hockey team—so much the better.

> "Je pense que, logiquement, il vaudrait mieux supporter temporairement les inconvénients d'universités surpeuplées desquelles, par sélection sévère, sortiront au bout de quelques années les maîtres de filiales de dégagement plutôt que d'attacher prématurément le titre d'universités à des institutions qui ne répondent pas à la conception fondamentale . . ."
>
> —Paul Pirlot, *University Affairs*

In his delightful book, *Campus U.S.A.*, David Boroff came to the conclusion after visiting and examining a great number of American universities that all these institutions could be divided into two categories. Into the first category fell those institutions which did little more than prolong adolescence, with the students living in an isolated little world, far from any responsibilities or obligations. The second category of universities were those which represented a transition to adulthood, with adult responsibilities and opportunities. These categories apply to Canadian universities as well. There is no doubt that UBC falls into the second category and we all must do our best to see that it stays there.

Paul S. Plant

New Opportunity for UBC Alumni

THE NEXT SIXTEEN PAGES of this special issue of the *Chronicle* contain UBC's plan to meet the "Challenge of Growth."

This enclosure puts before you, for the first time, a plan for development at UBC. It's a two-fold program containing on one hand a three-year operating plan designed to bring financial support of UBC up to the national average and on the other hand a five-year capital plan for development of our campus, a plan in which certain priorities are established for construction of buildings. The problem of writing an editorial for this issue becomes much simpler than usual for it is essential that all alumni of UBC understand the significance of this scheme and know about their responsibilities for its implementation.

Let's repeat once again, very briefly, the steps leading up to the publication of this plan. The Alumni Association concerned over the "State of the University" began calling for a royal commission or at least a study of the problems confronting higher education in this province. In time this was done, for the Macdonald Report pointed up some of the needs of and the crisis in higher education. The Provincial Government, acting upon recommendations within the Macdonald Report, passed legislation setting up a framework for development of new provincial universities. It then fell to the Board of Governors at UBC to draw up a program for development at UBC within the terms of reference established this year by the new Universities Act.

For some time the Board of Governors at UBC have been under tremendous pressure from all constituents of UBC to give leadership and direction and to plan for the future growth expected at UBC. Presentation at this time of their plan demonstrates the earnest way in which they have carried out their responsibilities.

It is interesting to recall that barely a year has passed since chaos and confusion confronted those responsible for direction of affairs in the field of higher education in this province. To-day, however, we have arrived at the point where a plan exists for UBC, a plan which embodies as a premise legislation that has created new universities and provided for an academic board and grants commission. (Alumni are awaiting with keen anticipation an early announcement by the Provincial Government that these two boards will soon be operating and appointments made to staff them.)

Before explaining to alumni the significance of this report, it is a pleasure to compliment the Board of Governors and the administration of our university on the speed and dispatch with which this plan has been put forward. It is a courageous and forthright program. It clears away confusion about present support and points to the road ahead for UBC. Alumni have wanted action for some time. The Board of Management of the Alumni Association have wanted clarification from the University about objectives and the road ahead. Now that this plan is known, it is the responsibility of all alumni to help in its implementation.

Each alumnus must be certain he understands the plan. It is essential to read the following 16 pages and become familiar with the three and the five-year program ahead for UBC. For the first time, for instance, the major sources of financial support are related to each other. For the first time, it can be noted that roughly two-thirds of all financial support for UBC comes from areas other than the Provincial Government.

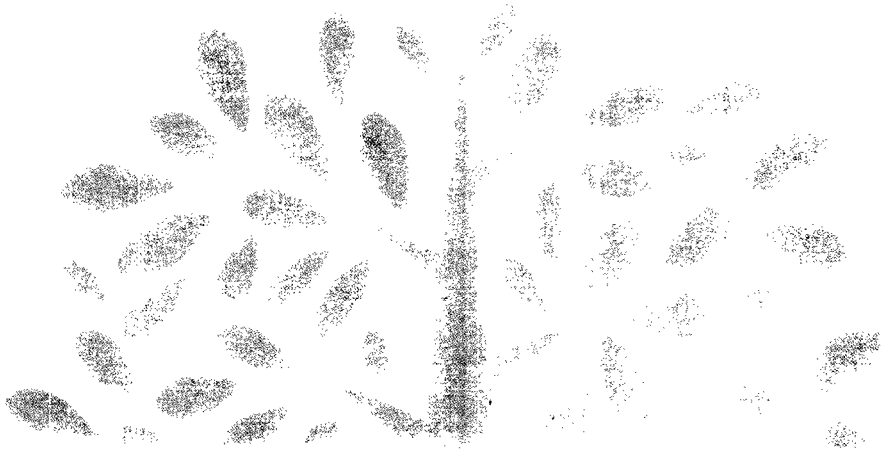
To implement this plan more contributions and more support must come from the Federal Government and from industry, commerce and other institutions and foundations interested in the welfare of UBC, as well as the Provincial Government. The proper exploitation of our province's most precious resource—her young people — will come when those who employ the graduates of UBC recognize that they, as employers, have some further responsibility for their education.

The Board of Management of the UBC Alumni Association must begin planning immediately to help with the orientation of these supporting groups. Pressure upon the Provincial Government for increased allocations has been out of context to some extent with pressure for increased support from other areas. It is now possible, because of this plan, to establish a program to encourage more widespread financial endorsement for UBC.

Each alumnus must also know what he can do to help. For now, after a long period wherein the Alumni Association called for action from others, the time has come to fulfill alumni responsibilities and take action. It is the job of alumni to sell this plan endorsed by the

(continued page 35)

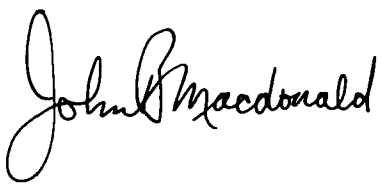
THE CHALLENGE OF GROWTH



AN OPEN LETTER TO THE ALUMNI

The "crisis in higher education" is making headlines in many countries. This gentle phrase has been used to label a potential disaster. Unfortunately, like any catchphrase, it is easy to ignore. It fails to convey the full impact of a mounting emergency that affects not just the West, but the entire world.

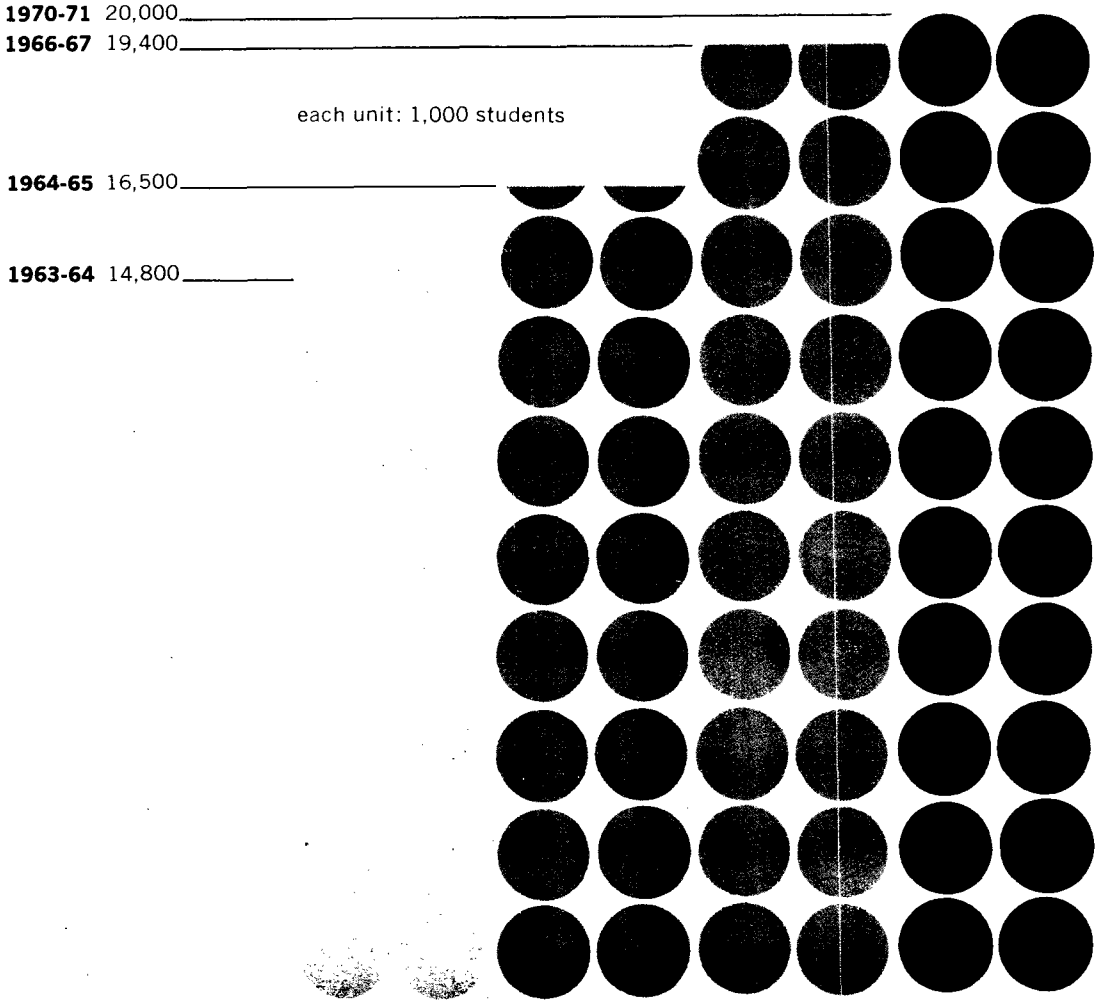
Crisis in higher education. What does this really mean to the University of British Columbia and to you– It means that our university must plan now if it is to continue fulfilling its responsibility for the development of higher education in this Province. This brief account tells how U.B.C. is planning to meet the urgent demands of tomorrow. Planning in quality – to improve the calibre of education in the face of today's explosion of knowledge. And planning in quantity – to provide that education for rapidly increasing numbers of students. These pages summarize our targets for tomorrow, both academic and financial. The requirements for operating the University are set forth for the next three years; the priorities in buildings for faculty and students cover a period of five years and both are related to the growth of the University for the next seven years. This, then is what the University of British Columbia must do to contend with tomorrow – and why it is everybody's business.



the post war babies

Where did the crisis come from? One major factor is the soaring birth rate following World War II. During the next three or four years, these post-war "babies" will be entering college in a deluge. Today U.B.C. has 14,800 students. By 1966, that number will swell to 19,400. (U.B.C. will experience this 31% increase in spite of the Province's new program to provide other institutions for higher education.) Between now and 1970, the total B.C. students seeking education beyond high school will be 37,000 – if we can accommodate them. To do so, our Province must create more facilities for higher education in the next seven years than it has in all the years since Confederation. U.B.C. must assume its share of this load.

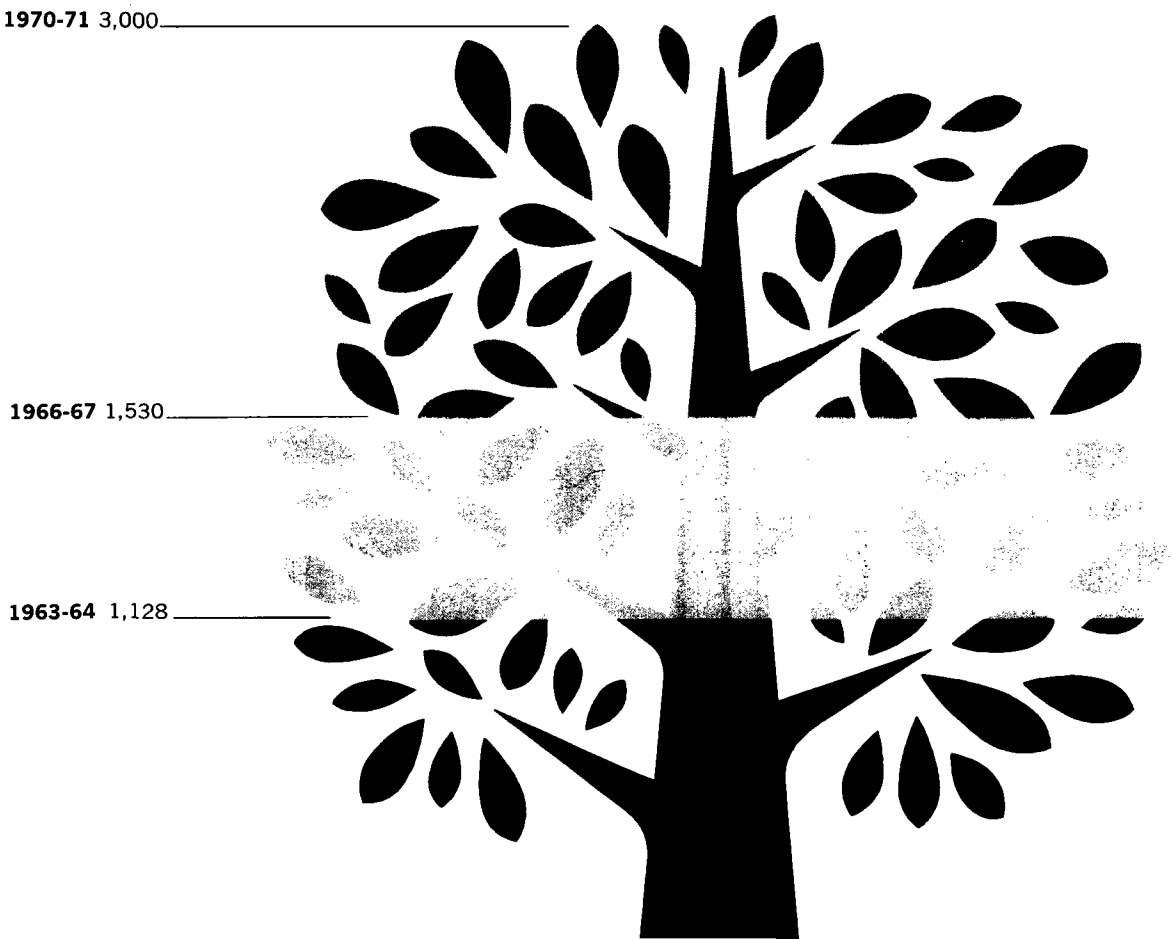
Another crucial task for U.B.C. will be to educate the educators. Meeting the Province's anticipated school population increase in the next seven years will require 16,500 primary and secondary school teachers. Much of this demand must be met by U.B.C.'s Faculty of Education – the only large teacher-training facility in the Province.



the graduate school

Here is the source of tomorrow's university teachers, scientists and specialists in business and industry: the guarantors of our future cultural and economic well-being. More and more, every avenue of modern society demands the knowledge, background and training of the Ph.D. Yet producing even the number of Ph.D.'s required in educational institutions will represent an enormous challenge for Canadian universities in the years ahead. Between now and 1970, this country must acquire an additional 16,000 full-time university faculty members. Yet it currently graduates only about 300 Ph.D.s per year, and this is a desirable level of qualification for university teachers. The universities and colleges of British Columbia need nearly 200 new faculty members each year. In former years, more than two-fifths of our new faculty have come from the United States and Europe. But these sources are now faced with the same world-wide shortage that confronts B.C. and the rest of Canada. We will no longer be able to import faculty members in quantity. We must now grow our own.

U.B.C.'s present graduate school enrolment is 1,128 students. That number should increase to 1,530 students by 1966, and to 3,000 by 1970. To stimulate this needed growth, the University plans to assign more than a million dollars for fellowships and teaching assistantships for graduate students in the year 1964. This sum will have to be increased in the years that follow.

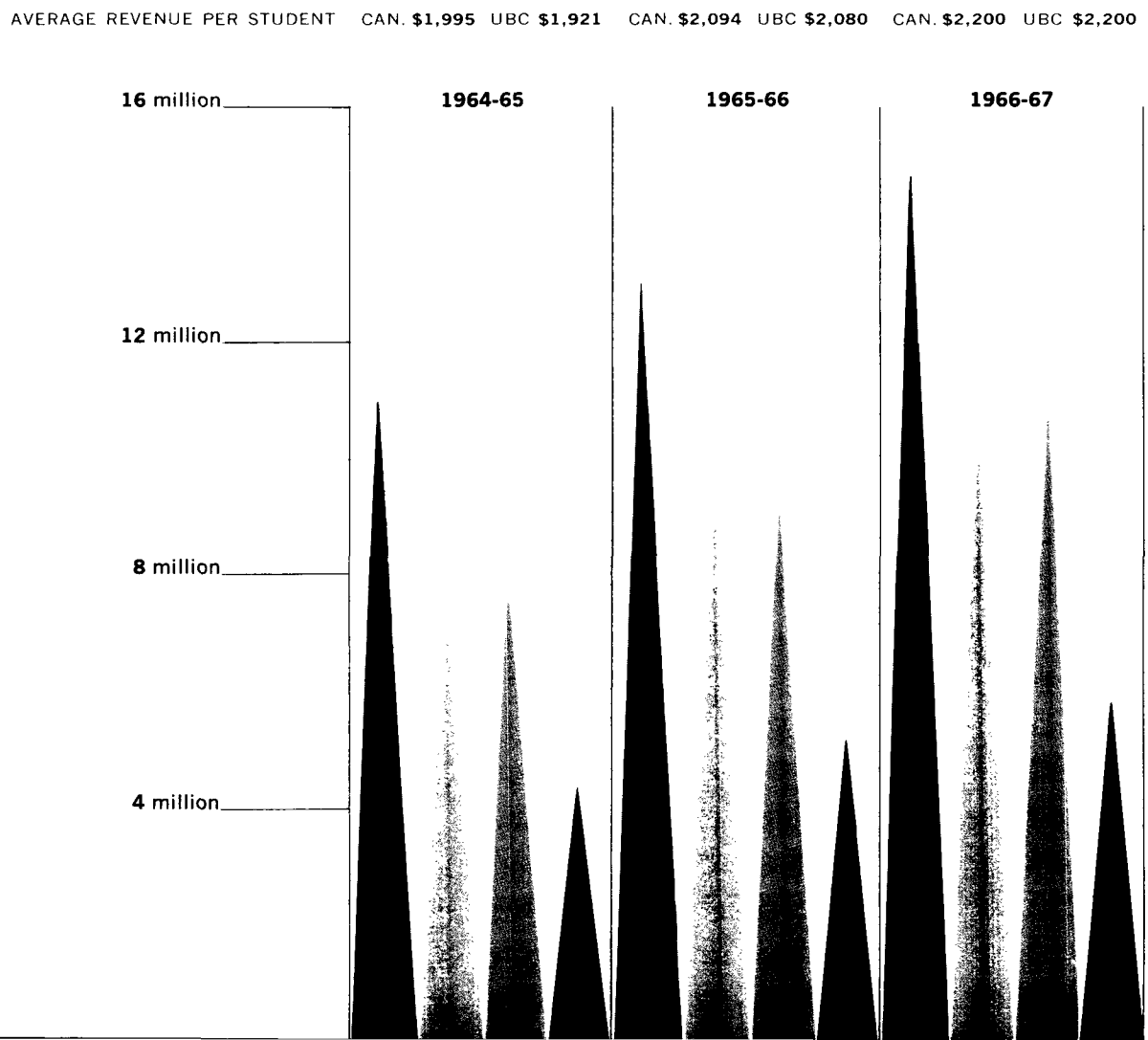


cost of progress

In education, as in every other commodity, quantity and quality have their price. Right now, U.B.C. is losing ground.

The average revenue from all sources for Canadian universities in 1962-63 is $1,797 per student. For U.B.C., this figure is $1,517. If our university is to meet the demands of quantity and still improve the quality of its education and research programs, it must compete financially with other universities. Our goal over a three-year period is straightforward: to achieve operating revenues equal to the national average, which by 1966 will be $2,200 per student.

For several years, the principal income sources have been as follows: Government of British Columbia, ■ 36%; student fees, ▒ 25%; Federal Government contributions, ▒ 25%; and miscellaneous, including gifts and grants, ■ 14%.

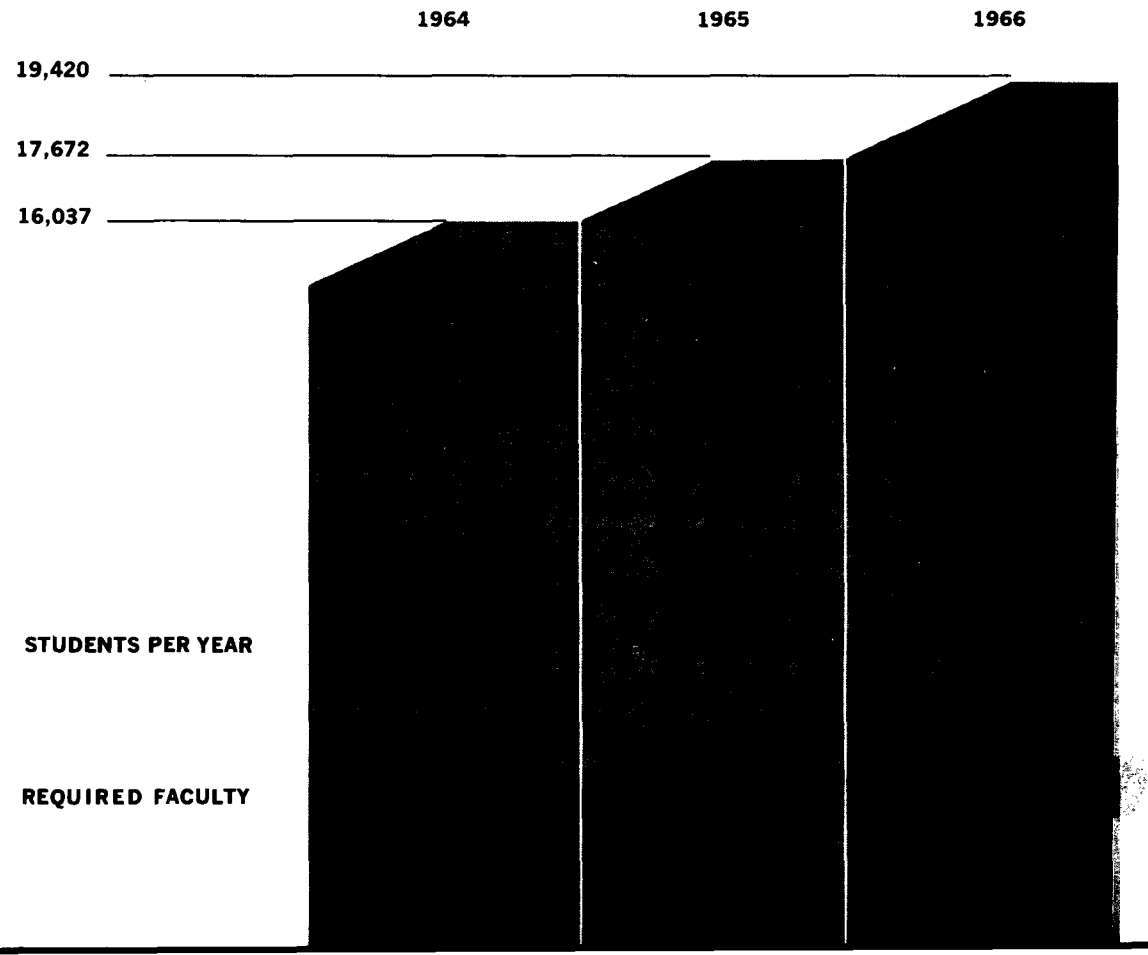


the faculty

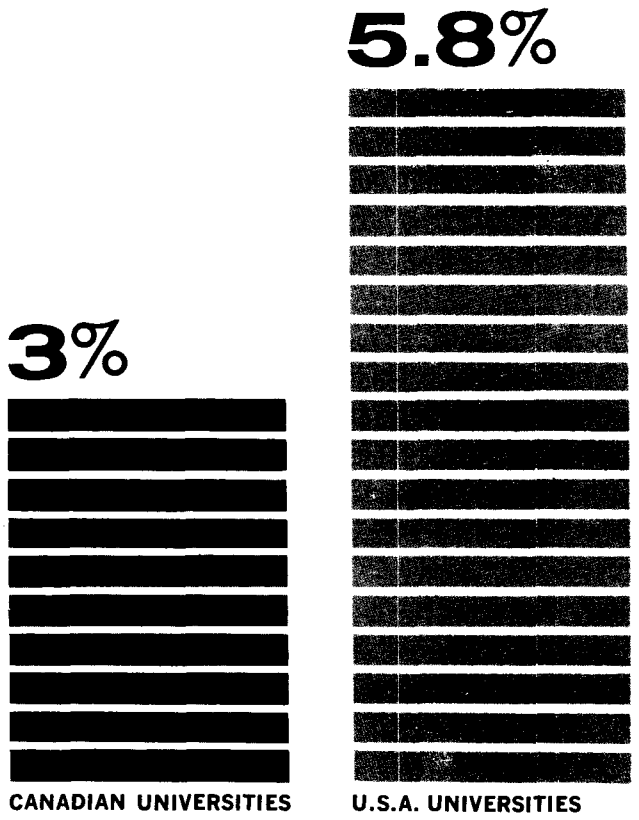
U.B.C. must increase its faculty for two reasons. The first is obvious: more teachers are needed to cope with surging numbers of undergraduates. The second reason may not be so apparent. The need for rapid growth in the graduate school poses special problems. Teaching at this level is even more demanding in terms of the relationship between faculty member and student.

While faculty-to-student ratios of one to twelve or one to fifteen are usual for undergraduate teaching, the ratio of faculty members is often four to five times larger in a graduate school.

U.B.C.'s overall ratio is one faculty member to seventeen students. (Many lectures by choice are given to large classes – over 500 in some instances – but this does not replace the need for discussion groups and laboratory supervision, which place heavy demands on the University for teachers.) To do nothing more than maintain this present inadequate ratio will require more than 100 new teachers each year. To strengthen graduate teaching will require another 50 teachers a year.

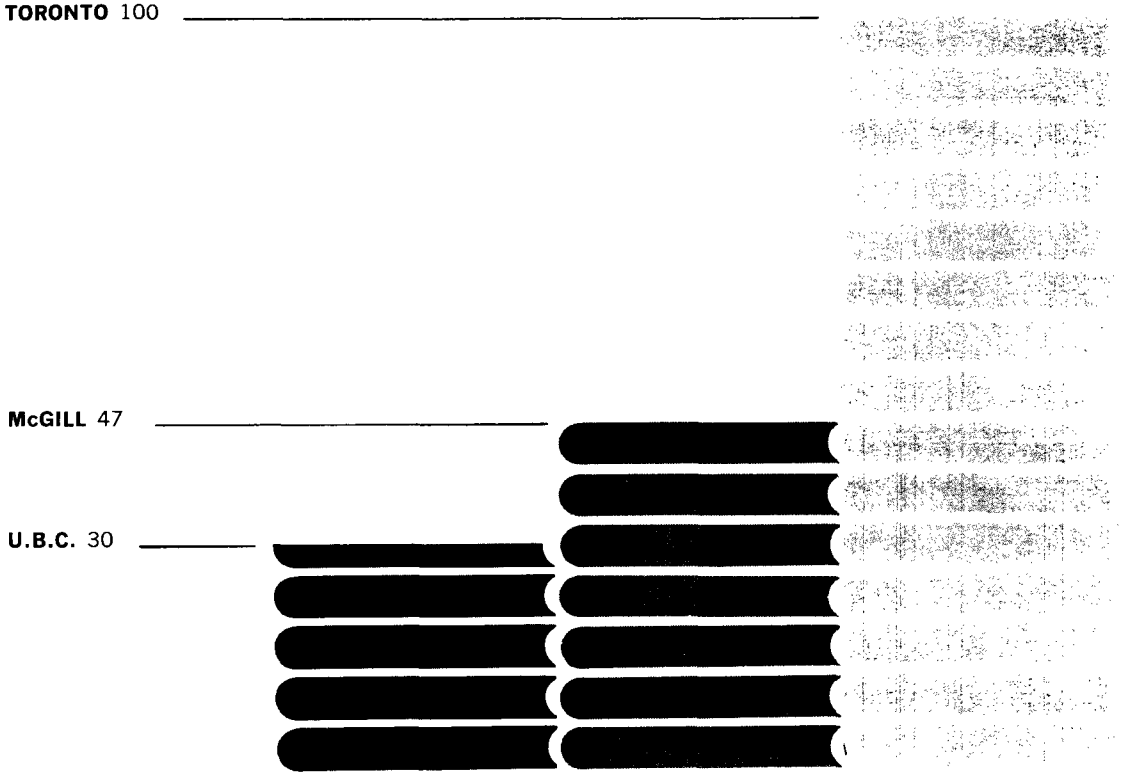


Because even dedicated teachers are people, adequate salary is an important factor in attracting qualified educators to a university. In today's world of faculty shortage, salaries are on the increase. They have been increasing by 3% per year in Canadian universities and by 5.8% in United States universities, where much of our competition exists. In the past year some Canadian universities have allocated amounts considerably exceeding 3% to salary increases. Last year, the average salary at U.B.C. in each academic rank was fourth to ninth (D.B.S.) among Canadian universities. Laval, McGill, Alberta, Toronto, Western Ontario, Saskatchewan and several other universities all had averages higher than those at U.B.C. in one or more ranks. The Board of Governors at U.B.C. has declared that "it is its continuing objective to provide salaries at least equal to those paid at any Canadian university". This is a realistic goal if U.B.C. is to remain among the leaders in Canada. It is crucial if U.B.C. is to compete successfully with universities in other countries.



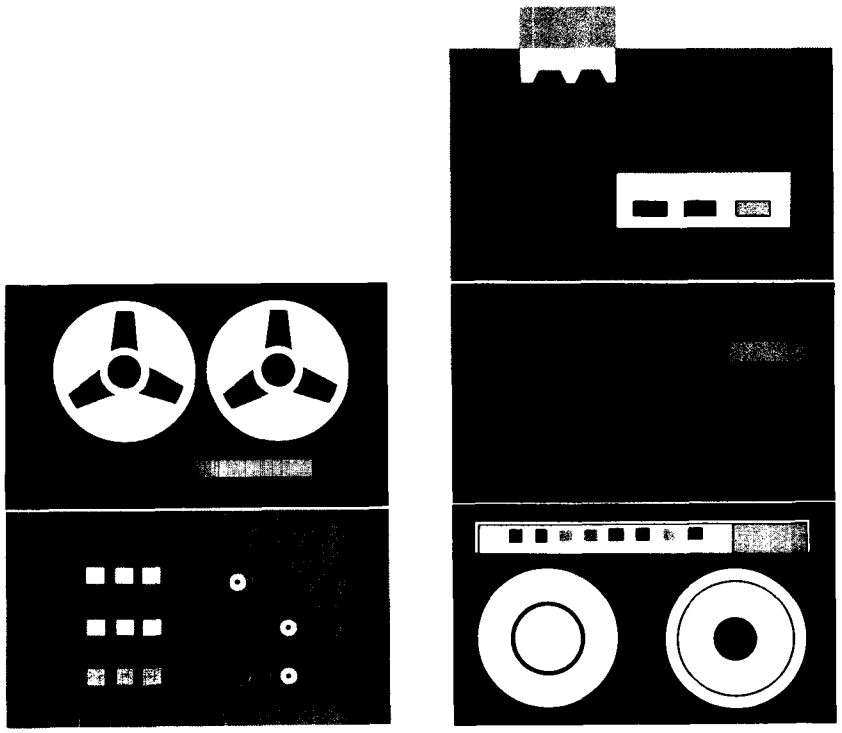
the library

One of the important attributes of a leading university is a first rate library. Such a library is a magnet for superior students – and superior faculty. U.B.C.'s library has been designed primarily to meet the needs of an undergraduate institution. Now the needs include graduate and professional schools. In recent years, all Canadian universities have been concerned over the inadequacies of their library collections. The Williams Report (1962) on the resources of Canadian university libraries showed that among Canadian libraries, on a scale in which Toronto's size equalled 100, McGill would be at 47, Laval 32, British Columbia 30, Queen's 20, and Montreal 19. But on a scale in which the size of Harvard's collections equalled 100, Toronto would be 25, and the University of British Columbia 8. Our scarcity of books is only one problem. Staff and physical facilities are also needed. In the light of our student population, our advanced stage of study in some fields and our graduate teaching and research needs – U.B.C.'s collections should be doubled to reach a total of about 1,200,000 volumes. To do this, our book budget must increase from $600,000 in 1964 to $1,000,000 in 1970. The library is the nerve centre especially for study and research in the humanities and social sciences. These vital areas of learning can thrive only if the library thrives.



the computing centre

The computing centre is becoming almost as important to the modern university as its library. As Canada's second university to establish a Computing Centre, U.B.C. installed its first computer in March 1957, at a cost of $70,000. Since that time twenty new computing centres have been established in other Canadian universities. A computer cuts across many fields of endeavor in a university. It is indispensable in both the natural and social sciences, the library, engineering, medical and biological sciences, mathematics and many other fields. Many students throughout the University obtain instruction in computing science. For the University of British Columbia to keep pace with developments in modern computing science will call for an additional $100,000 in 1964. The costs of supporting the computing centre with its present highly qualified staff will continue to rise as more and more needs develop for this modern technological tool. The benefits to the University and the community will far outweigh the costs.

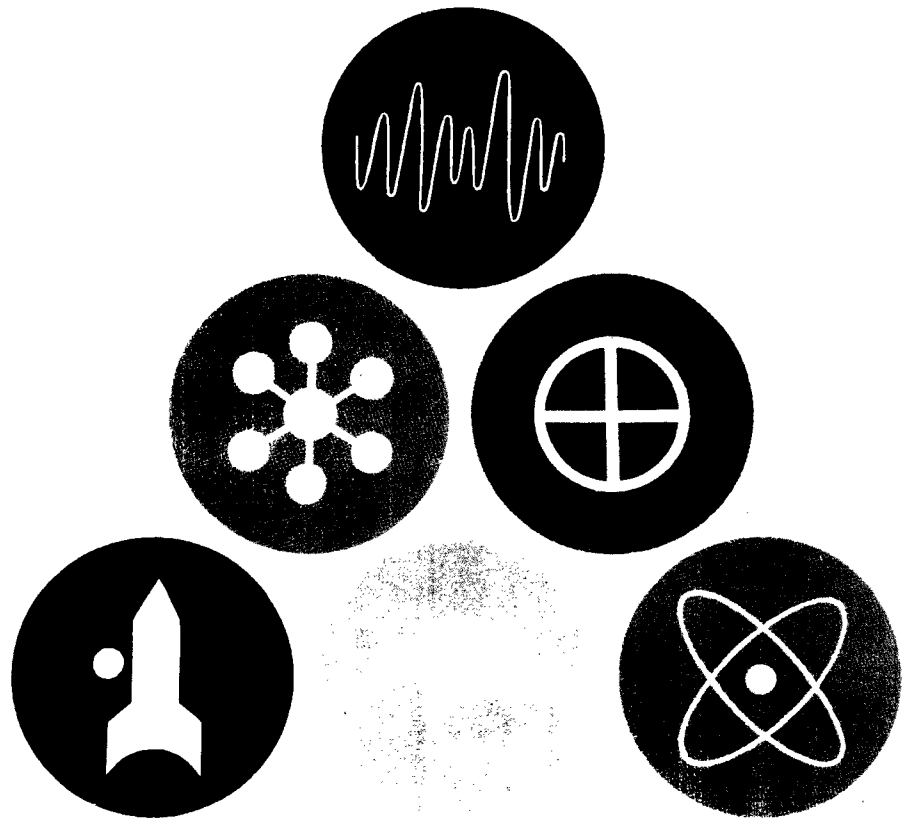


professional growth: THREE EXAMPLES

ENGINEERING. More than any other part of the University, the Faculty of Applied Science will be involved in the development of new science-oriented industries which already are beginning to change the complexion of Canada's economy. These progressive industries are dependent on the skills of specialists in such fields as electronics, metallurgy, moletronics, solid state physics, plastics, and many others.

The future for Canada will be brighter with the development of strong and diversified secondary industries based on modern science. U.B.C. has on its Faculty a nucleus of outstanding engineers capable of stimulating the growth of twentieth century technology. The University must add to this nucleus and provide the buildings and equipment required to serve these increasing demands for engineering skills.

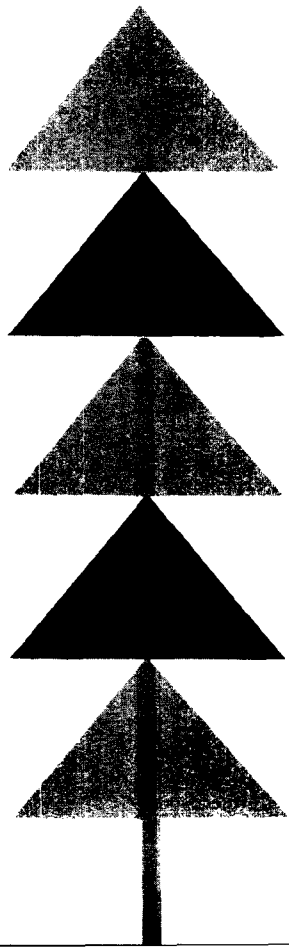
HEALTH SCIENCES. Health sciences derive strength from many university departments such as sociology and psychology. But they can also impart their own unique contributions to the University as a whole. The entire field of behavioral sciences, which can be looked upon

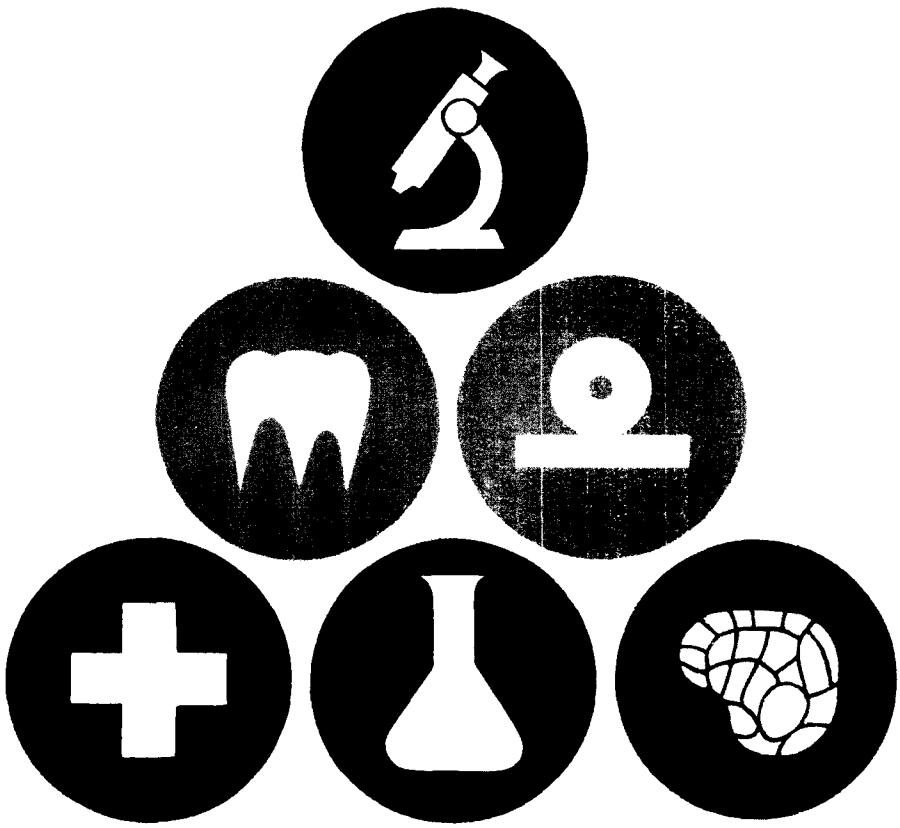


as the "new frontier" for the next fifty years of medicine, will progress faster through an intimate relationship between the Health Sciences and the rest of the University. The strength of many disciplines can then be brought to bear on problems of health. A Health Sciences Centre will also facilitate the integration of various health sciences personnel into efficient teams. Modern patient care requires physicians, dentists, specialists, nurses, various kinds of technicians, therapists and other ancillaries. A university hospital will serve as a centre for co-ordinating the efforts of all these groups.

FORESTRY AND AGRICULTURE. As basic industries, forestry and agriculture profoundly affect the provincial and national welfare. The enormous value of forest production in B.C. equals or exceeds that in each of the states of Washington, Oregon and California. Yet, the average budgets for the forestry schools in these three states exceeds that of U.B.C. by more than five to one. Though the work of our Forestry faculty is sound, many areas important to the industry remain unexplored. The program must be strengthened and extended.

Throughout its distinguished history at U.B.C. the Faculty of Agriculture has provided many important services to the community. Here, the emphasis in future must tend more and more to advanced study and research, to the education of the agricultural scientists. Both forestry and agriculture are acutely in need of new facilities for the developing programs.





These are the goals for U.B.C. – improved undergraduate education for more students, a significant growth in the graduate school, the acquisition and retention of the best teachers, an adequate library for advanced study and research, a computing centre to meet the demands of modern scholars, and continuing improvement in professional education. The goals can be achieved by a society that believes that education is everybody's business.

the buildings

The current building targets for U.B.C. have been greatly influenced by the development of facilities elsewhere in the Province. What may well be the last of the undergraduate buildings, a multi-purpose class room, is now under construction. However, most graduate and professional education in British Columbia will still be available only at U.B.C. for many years to come. With this in mind, plans have now been laid for a building program to serve the graduate and the professional schools over the next five years. These academic buildings plus services such as heating plant, roads, power, etc. will require a building budget of at least 30 million dollars over the next 5 years.

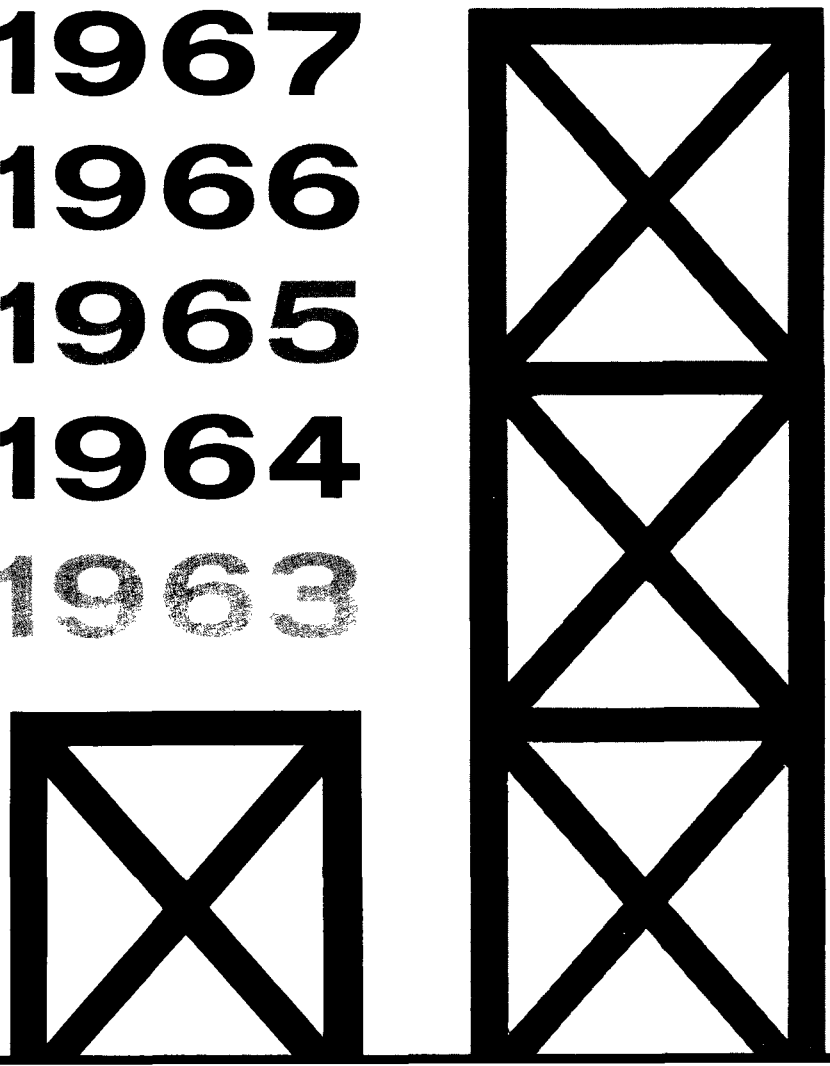
Social Work **1967**

Engineering **1966**

Biological Sciences & Oceanography
Metallurgy **1965**

Music
Agriculture-Forestry
Library Stacks
Dentistry & Basic Sciences **1964**

Multi-purpose Classrooms **1963**



From page 22

New opportunity

Board of Governors. The province and the country, as well as industry and commerce, must be told that UBC has a plan to meet the crisis of numbers in higher education. To some, the program may seem ambitious, but actually it sets out realistic and modest goals which must be achieved if the crisis of numbers in higher education in B.C. is to be resolved.

The undeniable fact remains that the future students of UBC are now in our high schools. Early construction of Simon Fraser and enlargement of Victoria University are essential. No matter how quickly these two universities grow, though, they cannot grow so fast as to entirely offset the surge of numbers about to press upon UBC and the surge in demand for UBC's leadership in developing programs of post-graduate work, research and teaching.

Since its inception, UBC in times of need has been able to count on its close friends. The Alumni Association thinks of itself as a close friend, and for this reason will activate its membership to sell this scheme across the province and elsewhere.

People no longer need be confused about objectives at UBC. They have been stated in a plan entitled "The Challenge of Growth." Alumni, however, must now convince people that implementation of this plan through public and private support is essential if the record of academic achievement at UBC is to be maintained.

Alumni Association President

Alan M. Eyre

Donovan F. Miller

Mr. Justice Nemetz

Franklin E. Walden

Three graduates to UBC Senate, one to SFU

AT ITS SEPTEMBER 19 MEETING, the Board of Management of the Alumni Association appointed the following to serve on the Senate of UBC: Alan M. Eyre, Donovan F. Miller, and Mr. Justice Nathan Nemetz.

Before he had time to assume the senatorial hat as he puts it, Alan Eyre was appointed to the Board of Governors of Simon Fraser University and, therefore, resigned his UBC appointment. The Board of Management then appointed Franklin E. Walden in his place. The Senate has since elected three alumni to the Board of Governors of UBC—Stuart Keate, Donovan Miller and Mr. Justice Nathan Nemetz.

It is interesting to note that of the eleven members of the Board of Governors, six are alumni.

The appointments to Senate by the Board of Management of the Alumni Association are made under a special section of the new Universities Act, an indication of the importance attached to the Alumni Association's interest in university matters. The appointees carry into one of the major governing bodies of the university the views of the alumni.

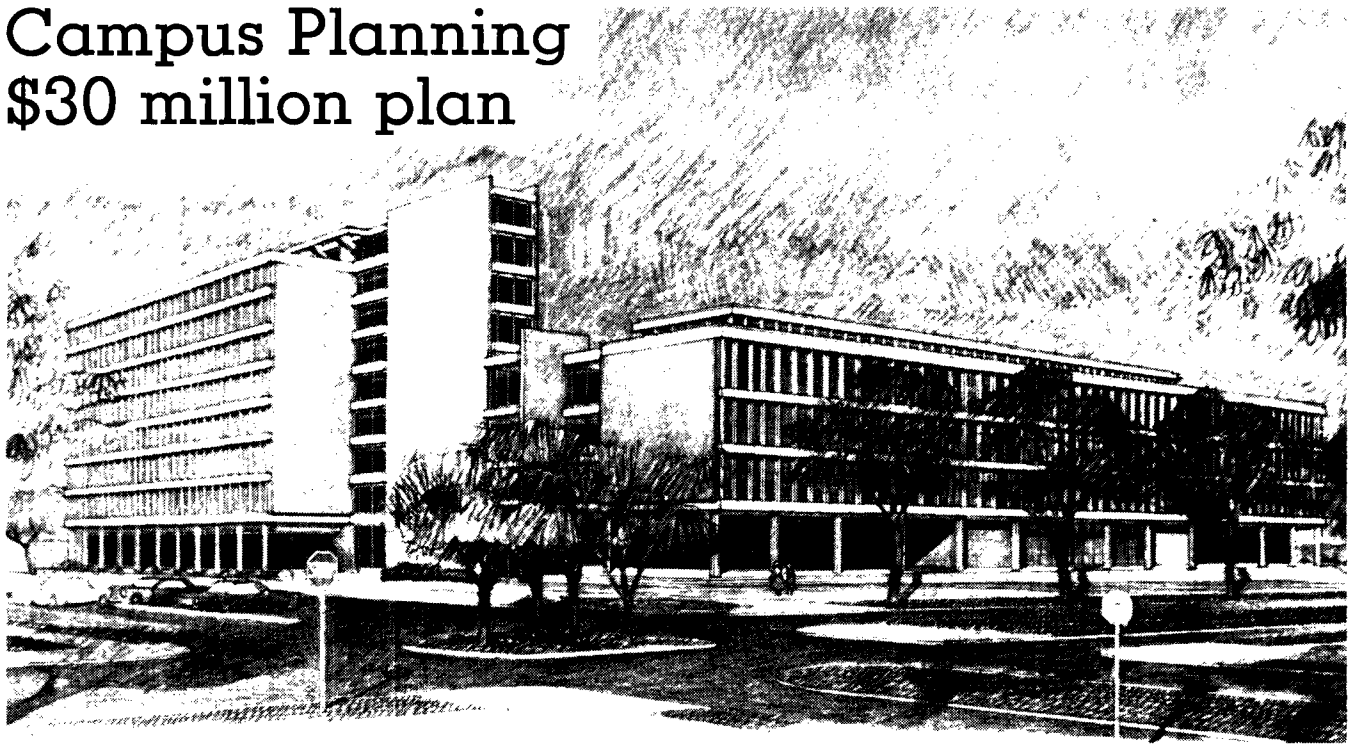
Briefly sketched, here is the organization structure at UBC. The Board of Governors consists of eleven people, six of whom are appointed by the Lieutenant-Governor-in-Council, three elected by Senate. The Chancellor is elected by Convocation and no longer is necessarily chairman of the Board. The 11th member is the President, who is appointed by the Board of Governors to this position. Under the new Act the Board has the power to elect its own chairman and did so this summer when Mrs. Ross stepped down as chairman and Mr. G. T. Cunningham, an honorary life member of the Alumni Association, took office.

The government appointees are Mr. G. T. Cunningham, Mr. Leon Ladner, Mr. Walter C. Koerner, Mr. E. Gunderson, Mr. John E. Liersch, and Mr. Arthur Fouks.

Senate, on the other hand, is a very large body, numbering nearly 80, most of whom are faculty people. Under the new Act no faculty person is eligible to the Board of Governors. Convocation elects 15 to Senate, one of whom is Mr. Keate. The Lieutenant-Governor-in-Council appoints 4 to Senate; each faculty is represented by the dean and one other. The Board of Management of the Alumni Association is empowered by the Act to appoint 3 to Senate.

The President's office is the focal point for all administrative and academic matters. Recently Dean Perry has been appointed vice-president of the University to help with administrative affairs in areas such as fund raising and public relations. Essentially the Senate, chaired by the President, has ultimate responsibility for academic standards whereas the Board of Governors is responsible for the financing and operating of the University community.

Campus Planning
$30 million plan



The Arts-Commerce building, one of first units of 5-year building plan, now under construction.

THE UNIVERSITY has embarked on a five-year $30 million building programme which will result in nine new buildings.

John Porter, who in June gave up a downtown architectural practice to become full-time physical planner at UBC, says the only thing that could hold up the programme would be the lack of funds from Victoria.

The general planning policy is one leading toward a concentration of students in the area of the main mall and university boulevard, Porter said.

"But this type of concentration has its problems. We've got to be careful we don't get so concentrated we use up the campus green areas. We've planned to avoid this and it's likely all the major green area will remain.

"Nothing will be done with the library lawn or the lawn in front of the old arts building."

Planned for 1964-65 are:

- a multi-purpose arts-commerce building at the corner of the main mall and university boulevard;
- an agriculture-forestry building on the extension of the main mall south;
- a music building in the present fine arts complex just next to the faculty club on the north end of the main mall;
- a dentistry building which will go on to Block A of the medical complex across from the memorial gym.

For 1965-66:

- the metallurgical section of the engineering complex along the extension of the main mall south.
- a very substantial addition to the biological sciences building;

For 1966-67:

- completion of the engineering complex by the addition of civil and mechanical engineering sections.

For 1967-68:

- a new school of social work building.

Now under construction are extensions to the newly-completed education building and the physics building, new residences and the start of the engineering complex.

"And," says Porter, "if funds can be found from outside sources, the new $15 million teaching hospital will be started with the five-year plan."

Porter said the campus plan will mean the "student" centre of the campus will be at the main mall and university boulevard.

"At this point we shall have four buildings, education, biological science, physics, and the new arts-commerce complex, which in total will handle 14,000 students.

"Our plan is to concentrate student population in this central area. Time and rainy weather make this desirable.

"If the campus becomes too sprawling students will simply not have time to get from one class to another in the present seven-minute break. We've figured that a student can walk about 2,000 yards in that time and we hope to keep most of the major familities within a circle of a 2,000-yard diameter, centred roughly at the main mall and the boulevard."

"There's not much question that we are going to need the facilities we have planned," Porter said. "Our undergraduate enrolment is almost certain to exceed the 17,500 limit now set, because Simon Fraser will not be open in time to drain off some of the student flow. So what we shall be faced with is a couple of years of overcrowding until the new university opens.

Even the completion of the proposed building plan will not alleviate this."

One of the major headaches facing Porter is planning for campus parking.

"In 1962-63 there were about 12,000 cars a day moving in and out of the campus. Most of these come in a one-hour period in the morning. By 1966-67 we estimate that number will be up to 18,500."

There are three classes of parking needed on the campus, Porter said. The first is for visitors, the second for faculty and staff and the third for students.

"One of our main objectives will be to encourage people coming to the campus to use an improved rapid transit system. "Hopefully we can get an express bus service cross-town along Broadway through to the university. If we can get such a system into operation we hope both faculty and students will use it and help solve the problem.

"For faculty members who do bring their cars we're planning four faculty lots, two on each side of the 2,000-yard circle. This will enable most faculty members to get their cars fairly close to their offices.

"Unfortunately student parking will be farthest from the campus. A new lot, just north of the present sports arena will have facilities for about 4,000 cars and should handle most of the student traffic."

Porter said he hopes the lots will be paved and lighted.

Porter has five campus architects working with him in the planning and is also assisted by a firm of non-university planners.

These huts will go

45 UBC graduates in Provincial election

A CHECK OF NAMES in the September provincial general election showed that no fewer than forty-five UBC alumni engaged in the fray as candidates, probably the highest number of UBC graduates to take part in any provincial election. This number included three members of the faculty. In addition, there was one professor not on the alumni roll and one undergraduate offering to serve as legislators.

Nineteen alumni representing the Liberals, ten the NDP, and eight each the Conservatives and Socreds sought to represent the electorate in 24 ridings, from Nanaimo & the Islands to Fernie, from Vancouver Centre to Skeena. As if it had been arranged by some gentleman's agreement, each of these parties had one candidate from the faculty. The lone undergraduate campaigner was a Progressive-Conservative.

The successful candidates from the alumni were: A. B. Macdonald, BA '39; Dr. P. L. McGeer, BA '48, MD '58; The Hon. R. W. Bonner, BA '42, LLB '48; The Hon. L. R. Peterson, Q.C., LLB '49; Hunter Vogel, HA '58; D. D. Stupich, BSA '49; G. H. Dowding, LLB '51; H. C. McKay, LLB '51; R. J. Perrault, BA '47; A. B. Macfarlane, LLB '49; A. J. Gargrave, LLB '61; The Hon R. G. Williston, BA '40; D. L. Brothers, LLB '49.

The one faculty candidate not an alumnus of UBC (and successful, too!) was Prof. R. R. Loffmark.

ALSO PUTTING UP A FIGHT, but unrewarded with election, were many other alumni. In the Vancouver and Lower Mainland area: J. J. Fedyk, Dr. H. L. Purdy, J. K. Macey, Dr. J. Norris, H. L. Huff, E. M. Bauder, W. R. Jack, R. E. Lester, R. C. Bray, W. F. H. Dronsfield, Earl J. Vance, Arthur Phillips, T. R. Berger, G. R. B. Coultas, N. Mussallem, A. J. Johnson.

The rest of the province was not, perhaps, as well served by UBC graduates as the southwest corner. However, Vancouver Island heard from R. C. Weir, I. H. Stewart, D. P. Reimer, and Dr. A. C. McG. Ennals. In the north T. R. Cullinane, W. I. Donald, R. M. Toynbee, and W. A. McClellan carried the message of their parties to the voters.

Alumni candidates in a number of other interior ridings, though not all, campaigned for election. The following names complete the list: B. O. S. Johnson, A. P. Dawe, T. W. Meagher, J. B. Varcoe. L. T. O'Neill, A. D. C. Washington, The Hon. E. Davie Fulton, J. W. Green.

Homecoming queen Musa Lincke,

MUSA LINCKE, a fine-featured, blue-eyed blonde has become UBC's Homecoming Queen.

Miss Lincke, the 18 year-old Frosh queen beat out 16 other entries to win her title.

Miss Lincke says her major hobby is painting, but she also enjoys fashion modelling for some of the Vancouver department stores.

The two Homecoming princesses are Mary Lou Copp, Miss Medicine, and Maxine Rogers, Miss Acadia Camp.

New school launched by B.C. companies

IN MARCH of 1963 a number of British Columbia companies undertook to launch a work study school to serve the needs not only of this province but of all western Canada. The director is Associate Professor David C. Aird, BCom. '52, and the school is attached to the Faculty of Commerce and Business Administration.

Russell Currie, the foremost authority on work study, has described it as "essentially a relentless, analytical and inquisitive approach to the use of manpower, materials and equipment coupled with a desire to apply the facts from such enquiry to improve existing methods by the elimination of waste in every form." A shorter definition is "organized common sense."

The special emphasis of the B.C. Work Study School, in addition to general course co-ordination, will be concentrated along four lines:

1. Courses for senior work study analysts
2. Management appreciation programs
3. Special programs for individual industries and companies
4. Research.

Initial financing of the school is by grants from local industry and contributions from the National Productivity Council and the Economic Council of Canada. In addition, fees from courses will contribute about 50% of the operating costs of the school.

It is expected the major emphasis of the school will be the training and retraining of senior work study analysts.

Dr. A. E. (Ab) Richards, BA'23, winner of the Great Trekker award for 1963.

21 year-old student in Provincial election

A UBC STUDENT was one of the youngest persons running in the past provincial election.

Chris Thompson, who turned 21 in September, was Progressive-Conservative candidate in Burrard.

One of his first moves served to alienate him almost completely from student support. He proposed that students pay a "tax" of $100 a year for the four years following graduation, thus helping alleviate the problem of university financing.

He was immediately taken to task by Mike Hunter, editor of The Ubyssey.

"Well, we should have known better than to support a kid who suddenly decides to turn politician . . . The first thing Thompson does when he turns 21 is turn politician. Then his first campaign promise is to boost UBC fees $100 a year with a subtle plot he calls a graduation tax.

"Just to prove he's a politician, he graduates this year and he won't be around to have to pay the tax . . ."

Hunter has his own suggestion as to how Mr. Thompson could help the university out of financial difficulty.

". . . We need you here, paying your fees, more than we need you in Victoria."

Thompson did not get elected.

Past alumni president slams student rowdyism

A PAST PRESIDENT of the Alumni Association has attacked student rowdyism at the Homecoming football game.

Fred Bolton, who headed the Alumni in 1940, said the university cannot afford the type of publicity such actions engender. "After seeing the drunken stupidity at the game many grads are going to have second thoughts about giving money to such a place," Bolton said.

"I'm not complaining about the goal posts being torn down; it's the drunken stupidity that interfered with the game that annoyed me and several others sitting near me.

"It seems strange to me that once things got to the point where students began to disrupt the game and wander on to the field no one did anything to stop them.

"If students can't govern themselves, the administration should take the power away," Bolton said.

He said he was going to write the university president and the athletic office concerning the game.

The game itself was almost incidental, at least as far as quite a few students were concerned.

In a melee after the game, almost 100 students were involved in attempts to tear down the goal posts protected by an equal number of engineers, hired, for a couple of cases of beer, by the Men's Athletic Association.

F. D. Bolton, BA'34

January 26 set for Edmonton meet

THERE WILL BE an Alumni Branch Meeting at 8:00 p.m. on January 26, 1964 in the Royal Alexandra Hospital. Guest Speaker: Dr. Wm. C. Gibson, Special Assistant to the President on University Development.

George Reifel, BSA'44

Grad group formed to advance Ag-science

A GROUP OF PERSONS interested in agriculture and in the advancement of agricultural science has been formed, under the name of 'Friends of Agriculture.'

The idea was initially put forth by Sigma Tau Upsilon Honorary Agricultural Fraternity, and was sparked by George Reifel, BSA '44, and now president of the 'Friends.'

Prime objectives are to provide a unified voice dedicated to the furtherance of agricultural science, particularly at UBC, and to receive and direct funds, gifts, bequests, memorials, contributions, or donations into the most effective channels at the University.

Friends of Agriculture is recognized by the University of B.C.

Persons interested in the FOA may contact Mr. George H. Reifel, 724 Nelson Street, Vancouver 1, B.C.

UBC to get $3.5 million student union building

STUDENTS HAVE APPROVED plans for the construction of a $3.5 million student union building.

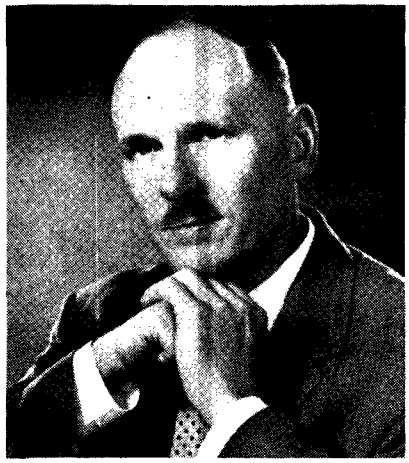
In a survey students indicated they wanted food services high on the list of facilities in the first stage of the new building. Other facilities high on the list include a theatre, book store, ballroom, parking facilities, small auditorium and library, and a small private self-service dining-room.

The facilities list proposed by the building committee calls for six commercial firms to set up a barber shop, beauty salon, bank, and college shop.

The list includes a 10-lane automatic bowling alley and a 12-table billiard room.

A reading lounge and two music lounges are also proposed.

The building design will be arrived at through an architectural competition.



Dr. P. D. McTaggart-Cowan, BA'33

UBC physics grad heads Simon Fraser

APPOINTMENT of Dr. Patrick Duncan McTaggart-Cowan as president of Simon Fraser University was announced by Chancellor Gordon M. Shrum in October.

The new president has been Controller of the Meteorological Service of Canada, Department of Transport, since 1959.

In 1934 Dr. McTaggart-Cowan was elected B.C.'s Rhodes Scholar, graduating two years later from Corpus Christi, Oxford, with honors and a BA degree in natural sciences.

Holder of the MBE for his services with the RAF Ferry Command, and of the Coronation Medal, he also received in 1959 the Robert M. Losey Award from the Institute of Aeronautical Sciences in recognition of outstanding contributions to the science of meteorology as applied to aeronautics.

Chronicle editor retires

WITH THE FALL EDITION of *The Chronicle* off the press, Mrs. Frances Tucker vacated the editor's chair she had held since 1961.

Over the past several months, there has been a notable up-grading in the magazine—a fact mentioned by many people. Most of the credit for the improvement must go to our retiring editor.

Conscientious effort, hours of extra work, skilful attention to accuracy and detail, wide interests and experiences in academic circles, and a happy personality have combined to present a person of exceptional talents.

Always, she provided a friendly and valuable liaison between the Alumni, the student body and the University faculty and administration.

Her host of friends will be pleased to know she will maintain her *Chronicle* contact as a member of the Editorial Committee.

Thank you, Frances.

Birney calls for culture minister

PROFESSOR EARLE BIRNEY, chairman of UBC's creative writing department, thinks the Canadian government should give consideration to the appointment of a minister for cultural affairs.

Professor Birney came to this conclusion after a six-month tour of Mexico, several South American countries and the West Indies, a tour made under the auspices of the Canada Council which had awarded him a senior arts fellowship. In the course of his travels Dr. Birney gave nearly 40 lectures and poetry readings, conducted seminars, and was interviewed by the press and on radio and television.

Though he found great curiosity about Canada, particularly in the West Indies, Dr. Birney also found a great blank about Canadian literature and art. Canada has no cultural attaches abroad, he points out, and as a result there are very limited opportunities for people in these areas to learn about Canadian intellectual and cultural life.

Following his lecture tour, Dr. Birney travelled to Europe where he completed a new book of poems to be published next spring, and began work on a book about the novelist Malcolm Lowry.

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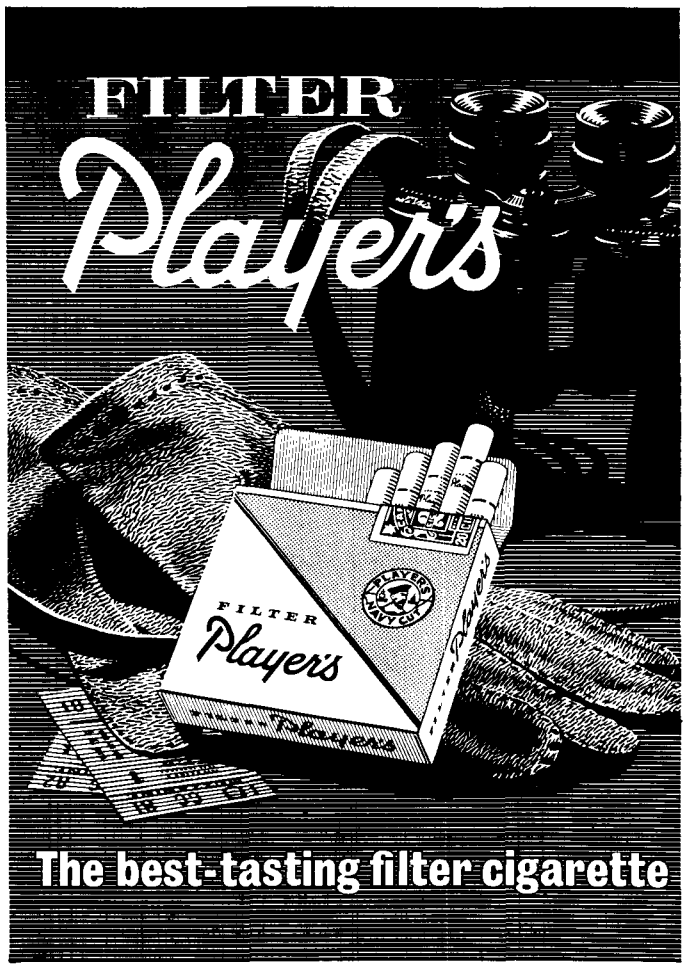


Alumni Annual Giving target $100,000

LYBUNTS, NURSES AND LAWYERS may be the deciding factor in bringing Alumni Annual Giving up to its target of $100,000 and 4,000 donors for the year 1963. By the time this publication reaches your hand, the issue will have been settled, probably by those three groups.

As of November 13th, the number of donors this year was 3,001 and the number of dollars received was $62,112.16.

The AAG chairman, Rod Macdonald, explained in his November letter to the Lybunts that a Lybunt was not a new disease or an island in the South Pacific —they were those people who had supported "Last Year BUt Not This." The third-quarter AAG donor analysis indicated that 1,170 past supporters, almost half the total, had not contributed this year. If only 1,000 of them were added to the 1963 total of AAG donors, the target of 4,000 would have been reached.

Nurses are key people because they were responsible for the 1962 eleventh hour push to the Annual Giving fund with their Nursing Division drive for Nursing Scholarship funds. The Nurses were repeating this appeal in November and as a result, a major assist was expected from the girls in white.

The Lawyers are a more doubtful group, but it was hoped that something might spark them into improving their relative position in the AAG standings.

A table showing by faculties and schools the percentage of graduates participating in Alumni Annual Giving for the first three quarters of AAG in 1963, shows the Librarians leading with 28.5%, closely followed by Music with 25%, Commerce, Science and Medicine almost even in the 14% bracket, and the three lowest rungs occupied by Education with 5.4%, Social Work 3.9%, and Law 3.4%.

Special appeal letters to groups like the Lawyers showed them the cost the community is presently bearing for education in their fields over and above tuition fees. A Lawyer pays $2,226 in tuition for three years of Arts and three years of Law. The approximate cost of educating the law student to-day is $5,505. Thus the cost to the community is $3,279 per student.

Other examples: to graduate a student in Agriculture costs the community $13,056; in Applied Science, $6,955; in Arts, $1,676; in Commerce, $3,405; in Education, $3,820; in Forestry, $4,670; in Medicine, $19,733; in Pharmacy, $3,555.

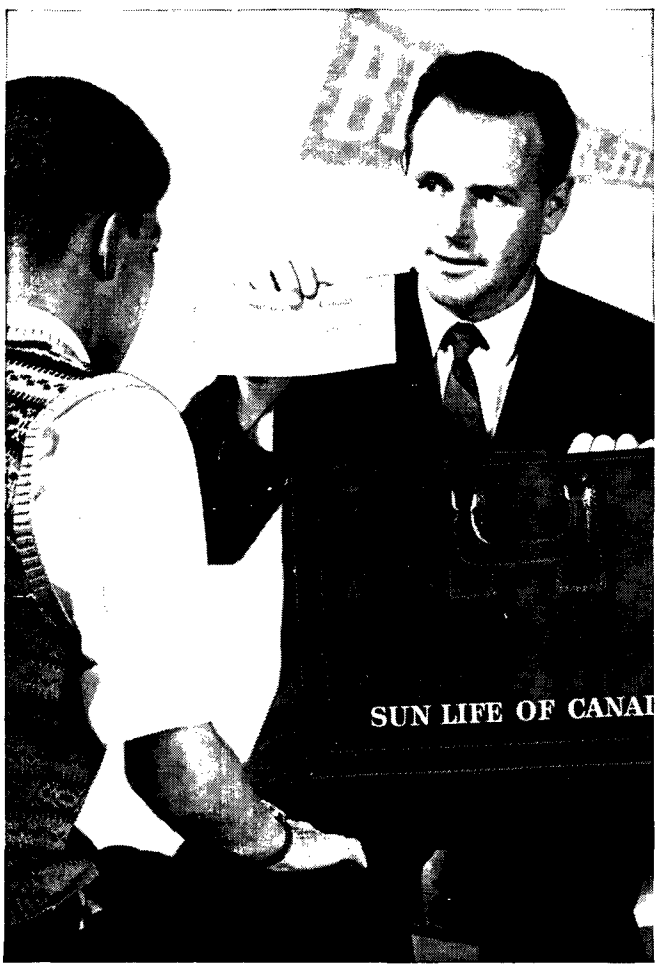
The third quarter analysis placed 1917 as the leading class in member participation with 29.6%.

Distance still makes the heart grow fonder, as more donations were received from the Eastern United States graduates (25.5% of them) and from the Maritimes and Newfoundland graduates (19.8%) than from graduates closer to UBC.

The needs of UBC for "free money" —for scholarships, library, playing fields, president's fund, etc., are all increasing. So must the sense of responsibility of all UBC graduates. Alumni Annual Giving can mean the difference for many quality items at UBC.

In 1963 many UBC graduates responded to this opportunity. This, however, is but a beginning. *Everyone* who has benefited from higher education must be prepared to lend his support.

Make your cheque payable to the University of British Columbia and mail to Alumni Annual Giving, Room 252, Brock Hall, or, if you wish a U.S. income tax receipt, make the cheque payable to Friends of the University of British Columbia Inc., and mail to 3649 Mossgiel Road, Bellevue, Wash.



"Here is $11,684— now you can go to college."*

A frightening figure, you'll agree, but it is also a conservative one. Your son or daughter will thank you and you will thank the Sun Life for guaranteeing your child the needed funds for a college education.

The financial means to educate your children should be provided for NOW. With a Sun Life *Educational Endowment Policy*, your son or daughter will be guaranteed funds for college — even if you should die in the meantime.

Why not consult the Sun Life representative in your neighbourhood for further details. You won't regret it.

**an estimate of college costs in the 'seventies*

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Where, oh where, have they gone...

THE FOLLOWING is a list of alumni for whom we have no current address. If **you** know where any of them now are, please pass the word along to us.

Stanley Henry Anderson, BA'34
Elmer Wallace Bates, BCom'47
William Aaron Boak, BA'50
Annetta McTaggart Boyd, BA'41
Kathleen Frances Brain, BA'30
Mrs. Kay Phyllis Braley, BA'42, BSW'52
John David Carmichael, BASc'51
John Kitson Carmichael, BCom'47
Lorne Allen Carmichael, BCom'49
Frances Elinor Chaplin, BA'48, BSW'49
Emma Alice Coles, BA'28
Anita Marguerita Corlette, BA'28
George Stanley Coward, BSA'22
Richard James Culkin, BA'51
Robert Logan Currie, BCom'51
John Stephen Curtis, BA'48
Anne E. A. Henderson, BA'26
Wm. Wesley Latimer, BA'35
Nancy Lorraine Little, BA'51
Vera May Little, BA'34
Donald N. Abbott, BA'57
Richard S. Addison, BASc'59
Thomas Aitken, BASc'46
Arnold George Anderson, BSA'50
Edward J. Anthony, BA'25
Bruce R. Ashdown, BPE'57
Harvey J. Austin, BSc'59
Captain Tony T. Baba, BASc'56
Terence C. Bacon, LLB'61
Leslie T. Bakar, BASc'61
Bryce B. B. Baron, BASc'61
Helen I. Barr, BA'31
Mrs. Kenneth S. Beaton, BA'44
Linda C. Bennett, BSN'61
William Albert Best, BASc'58
William R. Bird, BA'56
Dr. Robert M. Blacklock, BSc'61
Elizabeth B. Boyd, BPE'60
Francis Cecil Boyes, BA'28, MA'31
John W. Brahan, BASc'54
Norman W. Brodie, BASc'61
Donald A. Brundrett, BASc'60
Carmel Buck, BSN'57
Charles B. Caldwell, BASc'56
N. Roderick B. Caple, BASc'56
Alan C. Casselman, BA'56
Dr. Maynard S. Christian, MD'57
William F. Christensen, LLB'57
F. Stephen Chute, BASc'62
Lloyd Martin Clark, BA'50, LLB'50
Mrs. Herbert S. (Gail) Coleman, BA'54
Norman Coleopy, BASc'45
John A. Collins, BASc'42
Harvey S. Coomber, BCom'50
George D. Cormack, BASc'55, MSc'60
Sydney Joseph Cunliffe, BASc'50
Douglas Wallace Currie, BSP'50
John William Cuthbert, BA'49
Mr. and Mrs. William H. Davies, LLB'55, BSA'61
Murdoch R. Davis, BA'58, BEd'58

Carlyn Floyd Goulson, BA'48

Louise De Vick, BA'54
Rev. F. Grant Dunsmore, BASc'50
Mr. and Mrs. Lorne D. R. Dyke, BCom'56, BA'54
Olafur L. Eyolfson, BASc'52
F/L Alexander Curror Falkner, BSF'50
Lt. John Ross Flewin, BA'50
Dr. William Phillip Fraser, BA'53
Harold R. Fretwell, BA'41
Stanley C. Gale, BASc'47
Sherman L. Ghan, BSW'61, MSW'62
Henry M. Giegerich, BASc'52
Michael E. Giegerich, BASc'61
Mr. and Mrs. John R. Gilbert, BA'51, BCom'52, BA'50
John A. Granath, BASc'52
Cdr. Kenneth E. Grant, BA'37
Walter C. Green, BEd'62
Robert S. Griffis, BA'30
W. Barry Hall, BASc'62
Hugh L. Hammersley, BASc'39
Robert D. Handel, BASc'49
Henry J. Hildebrand, BEd'57
David Holman, BA'47
Leslie William Holmwood, BA'54
Harold A. Hollinrake, LLB'56
D. Garth Homer, BSW'53, MSW'56
Dr. Akira Horri, BA'55, MD'60
Otto Horvath, BSF'59(S)
Mr. and Mrs. Jack Hutchinson '58
J. William Ibbott, BA'50
William J. D. Ironside, BA'47
Bruce W. Irvine, BASc'59
Donald William Jack, BASc'54
Joan M. Johnson, BA'60
Bernard Y. B. Kan, BASc'62
John A. Keane, BA'54
Mr. and Mrs. M. Kembel, BSP'58, BSP'58
Douglas H. P. Kennedy, BA'52, BEd'57
Ann M. Kerr, BSW'55
Gene Kinoshita, BArch'59
Robert W. Kirkland, BASc'56
John O. Klein, BA'48, BEd'62
Charles P. Koch, BASc'61
Gertrude Justine Kos, BSP'50
Nelson A. Kuhn, BSF'62
Mr. and Mrs. Charles E. Kules, BASc'59, BHE'57
Donald Gordon Laird, BCom'54
Cleland D. Lamb, BASc'49
Thomas A. Leach, BSA'31
Julius Alexander LeBrun, BASc'46
Ian S. Lee, BA'61
Shui Tze Lee, BSc'62
Richard A. Lenton, BASc'60
Austin J. LaVae, BSP'56
Archibald B. Levy, BA'49, MA'53
Mrs. Richard H. Lewis, BA'36
Grant B. Livingstone, BA'50
H. Y. Joseph Lo, BASc'62
Mrs. Charles Lowe, BA'41
Daniel L. McDonald, B'Com'56
Mrs. D. L. G. (Emma) McDonald, BA'33
John V. MacDonald, BASc'53
D. Manning McIntyre, BA'23
Stuart C. Mackenzie, BASc'59
Marjorie Dorothy MacKay, BA'30
Robert V. MacLeod, BA'56
Mrs. T. A. (Mary Ann) McWaters, BA'46, BEd'49
Guiseppe Magnolo, BASc'52
Albert H. Manifold, MASc'47
Dr. H. Bordon Marshall, BA'29, MA'31
Alexander H. Martin, BPE'61
Mrs. R. O. (Patricia) Massy, BA'41, MSW'62
Howard R. Meredith, BCom'50
Mrs. David C. Mitchell, BA'40
Thomas Moffatt, BSc'61
John Glendenning Moir, BSP'50
Lt. Cdr. Norman F. Moodie, BASc'36
Glendon G. Moody, BA'52
Douglas W. Moul, BASc'58
Gerald W. Moulds, BEd'62
Arnold Nemetz, BASc'53
Arthur C. R. Newbery, MA'58
Kenneth C. G. Newton, BASc'56
Hugh D. W. Ney, BASc'62
F/O John R. Nixon, BASc'59
Valerie J. Noble, BA'61
Mr. and Mrs. Henry A. Olson, BSF'53, BSN'57
Alan Edward Omond, BSA'50
Norris R. G. Paget, BASc'57
Douglas R. Parkin, BCom'52
Mary J. Parlee, BSW'57
Frank H. Pendleton, BCom'41
M. Bruce Pepper, BCom'55
Mrs. Virginia B. Pinder, BEd'58
Patrick W. D. Plunkett, BASc'58
Catherine Anne Rae, BA'56
Reginald R. Rankin, BEd'56
Richard H. Richmond, BASc'33
Capt. Donald S. Robertson, BA'49
Ian R. Seymour, BA'52, LLB'54
Grant Spiro, BA'59, BSW'60, MSW'61
Douglas A. Staley, BSc'62
Mr. and Mrs. Donald Martin Stevens, BA'49, LLB'52, BA'51
George A. Strasdino, BA'56, MSc'58, PhD'61
Gillian N. Stribley, BSW'62
J. Neil Sutherland, BA'55, MA'60
Dr. Ronald A. Shearer, BA'54
Robert D. B. Shelly, BCom'60
Dr. George Shimo-Takahara, BA'41
Mr. and Mrs. J. G. Clement Simard, BASc'54, BA'51
James A. Skelding, BASc'58
Mr. and Mrs. Wm. B. Somerville, BASc'59, BHE'58
William G. Stott, BCom'34, BA'35

NEW ADDRESS?

Returned mail costs money and is inefficient. If your alumni mail is not correctly addressed, please put us right.

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 February 1, 1964.

Dr. John Russell, BA'17

1917

Dr. John Russell, BA, MSc. PhD (McGill), associate head of the chemistry division of Kodak Research Laboratories, has retired after 35 years of service with Eastman Kodak Company.

Dr. Russell began his Kodak career as a research chemist in 1928. The following year he was named assistant superintendent of the chemistry department of the laboratories. He was named head of the department of physical chemistry in 1949.

Prior to joining Kodak, he served as a chemistry instructor at Stanford University from 1921 to 1923 and then as an assistant professor of chemistry at the University of Western Ontario until 1928. In 1926 he was the recipient of the Governor-General's medal for scientific industrial chemical research.

A native of Nanaimo, B.C., Dr. Russell began his education at U.B.C. going on to McGill for his Master of Science and PhD in physical chemistry. He was named 1851 Exhibition Scholar, one of the top chemistry honours of the British Commonwealth. With this scholarship he studied for two years at Harvard University.

1923

Theodore V. Berry, BASc, was a class reunion president who had to miss his own party. He retired at the end of August as Commissioner of the Greater Vancouver Water District and the Greater Vancouver Sewerage and Drainage District. In late October he had, in his capacity of chairman of the Canadian Section of the American Waterworks Association, to attend the water pollution conference held in Quebec City.

Mr. Berry had held his two posts of commissioner for eleven years prior to his retirement. He began his career with the City of Vancouver on graduation from UBC and in 1926 was appointed assistant engineer of the Water District and Sewerage District. Through a succession of posts of increasing responsibility, he rose, in 1952, to the position of commissioner, from which he retired.

Among Theo Berry's extra-curricular activities was a thirty-year stint as honorary auditor and member of the executive council of University of B.C. Convocation.

1923

G. L. Landon, BSA, director of agricultural development and extension with the department of agriculture in Victoria, has been elected president of the Canadian Council on 4-H Clubs.

1924

Geoffrey B. Riddenough, BA, MA'39, PhD(Harv.), of the department of classics, UBC, read a paper to the Classical Association of Canada when that body met in Quebec City. The title was "L'élément de paradoxe dans la Médée d'Euripide."

As a contribution to biculturalism, this paper was given in French.

1926

F. P. Levirs, BA, MA'31, began his new position as senator at University of Victoria, September 1. After a successful teaching career, Mr. Levirs became an inspector of schools in 1946. He was later made chief inspector, before being appointed to his present position.

1929

Ralph Farris, BA, is the president of Northern Ontario Natural Gas. Although NONG is the company with which he is best associated, he has been concerned with numerous company ventures—most of them involving oil and gas. From UBC, Mr. Farris went to Harvard Business school, then to Calgary, where he learned the fuel business.

Dr. William O. Richmond, BASc, MS(Pitts), Head of the department of mechanical engineering at UBC has been made a fellow of the American Society of Mechanical Engineers.

He is the only engineer in western Canada to hold this distinction, which is awarded for outstanding and recognized contributions to the advancement of engineering resulting in recognition as an outstanding authority in his field. He was cited particularly for his distinguished career as a foremost educator in the field of strength of materials, and for his leadership in the advancement of the engineering profession in Canada.

1930

Wing Commander James Dunn, BA, retired in October as senior RCAF Protestant chaplain, Winnipeg, where he spent the last four years at training command headquarters. Born in Indore, India, he came to Canada as a child. His war service was spent in Europe and while in France he was awarded the Croix de Guerre with palm, by the French government for his services at the time of the liberation. He is now making his home in Kenora, Ontario, with his wife and son.

1931

James A Gibson, BA, BLitt, DPhil, MA(Oxon), recently made dean of the faculty of arts and deputy to the president of Carleton University, has now been appointed president of Brock University.

1932

Kenneth N. Stewart, BA, has been elected president of the B.C. Chamber of Commerce.

1933

A. E. Buller, BA, is the newly-elected vice-chairman of the geology division of Union Carbide Exploration Limited in Toronto.

F. St. J. Madeley, BA, BCom, BSW '49, has been promoted to probation staff supervisor for a region which includes the Fraser Valley, Sechelt, Lillooet and Williams Lake.

1934

G. M. Volkoff, BA, MA'36, DSc'45, was chosen as one of five delegates to attend the 11th triennial General Assembly of the International Union of Pure and Applied Physics held in Warsaw, Poland. As Past President of the Canadian Association of Physicists, Dr. Volkhoff attended the banquet of the joint meeting of the American Physical Society and the C.A.P. in Edmonton, Alberta.

1936

Robert McKeown, BA, Ottawa editor for Weekend Magazine, is one of Canada's most widely travelled reporters and has, with equal facility, turned out articles on presidential elections in the United States and how to keep one's head while living with the Borneo headhunters. Born in Portadown, Northern Ireland, Mr. McKeowan attended the University of British Columbia. He worked his way through college as a cannery warehouseman, railway section hand and newspaper agent at summer resorts for the Vancouver Province. At UBC he was active in dramatics and as a reporter on the student newspaper.

He has accompanied police raids on secret "tong" societies in Singapore, has been an interested observer at a Geisha school in Kyoto and a chilled reporter

on a boat following a man who claimed he could swim down the Ottawa river from Ottawa to Montreal without leaving the water once.

Dr. Bruce F. Bryson, BA'32

Bruce F. Bryson, superintendent of the provincial mental health services' geriatric division, has been named administrator of Essondale Provincial Mental Hospital.

He was senior physician at Essondale when he left to join the RCAF. After the war, he returned to Essondale. Dr. Bryson has taken post-graduate courses in the psychiatric field at McGill and San Francisco.

1937

Leslie A. Allen, BA, has shown a flair for showmanship from the days when he started a film society on the UBC campus. Although he claims he is "no stock expert", his experience as a stock salesman for Houston and Co. gave him the idea, from which developed Atlas Telefilm. Since Mr. Allen became president of Atlas in 1960, the company's shares have excited a public interest which would make any impressario envious. He estimates Atlas has about 3,000 shareholders, most of them Canadian, and the number is still growing.

1938

Phyllis Cowan, BA, has joined the staff of the Missionary Society as assistant director of Missionary Education. A native of Victoria, Miss Cowan taught in B.C. high schools and was nurtured in the Christian faith at St. Mary's, Oak Bay. One of the special responsibilities of this new post will be to co-operate with the Curriculum Divison of the Christian Education Department in working out the missionary content of the new series of lessons.

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In addition to her studies at UBC, Miss Cowan attended Union Theological Seminary and Columbia University in New York, and the Sorbonne in Paris. In 1959 she went to West Pakistan as a short-term missionary of the Anglican Church of Canada to teach French at Kinnaird College, Lahore.

W. H. Gurney, BA, MA'48, has been named as the new superintendent of schools for District 70. During the latter portion of his teaching career, Mr. Gurney was principal of Kamloops Junior Senior High School, one of the larger secondary schools in B.C.

1939

C. Rann Matthison, BA, is the new campaign chairman to head the New Westminster United Good Neighbour Fund Red Cross Appeal. At one time general sales manager, and later director of traffic and customer services, he is currently vice-president of industrial and export sales of Westminster Paper Co., Ltd. He joined the staff of Westminster Paper in 1939.

1940

William A. Calder, BSA, BA, has been appointed as marketing director of the British American Chemical Company Limited. This appointment is in line with the company's continuing expansion of manufacturing and distributing throughout Canada. Prior to joining the company he was active in sales and sales management in the United States.

Frank B. Clark, BA, LLB'48, since his arrival in Mexico City in 1959 has been responsible for the increasing export trade which has been bringing the pesos into Canada.

He claims that the devaluation of the Canadian dollar has been a "big help" in making Canadian producers competitive in Mexico. The Commercial Counsellor for Canada maintains in his office, a complete information and advisory service for Canadian businessmen who wish to explore business opportunities in Mexico.

1941

George C. Olson, BASc, was recently appointed Manager of Manufacturing, North American Division of Atlas Steels Company, Welland, Ontario. In this new post, he is responsible for all operations at company plants in both Welland and Tracy, Quebec. This is a promotion from plant manager, Welland Plant.

In keeping with his professional activities, Mr. Olson holds an active membership in the American Institute of Mining and Metallurgical Engineers, (A.I.M.E.)—in this group, he is serving as a Director of the Metallurgical Society, and is a past executive chairman of the electric furnace committee. He also holds active memberships in the Electrical Metal Makers Guild, and the Iron and Steel Engineers.

Mr. Olson also takes an active part in civic affairs and is a director and vice-president of the Welland Club, a member of the Welland Industrial Commission, and as a charter member, serves on the Board of Managers of the Kirk-on-the-Hill Presbyterian Church in Fonthill, Ontario. He is also an active playing member of the Lookout Point Golf and Country Club, and the Welland Curling Club.

1943

Doreen Elizabeth Kennedy, BA, MA '48, professor of mathematics, teaching at the University of Victoria, is the first and only woman on the university senate. "The development of mathematics in the last 20 years, is greater than in all past centuries," says Mrs. Kennedy, commenting on the years of time saved in calculations by computers of the paths of rockets and missiles.

D. K. Bannerman, BASc, has accepted an appointment to the staff of the B.C. Institute of Technology in the mechanical programme. He has recently been on the staff of the Mohawk Handle Co. Ltd. as Plant Manager.

1944

David M. L. Farr, BA, MA(Tor.), PhD (Oxon.), has been appointed as the new Dean of the Faculty of Arts at Carleton University. He will formally assume the deanship on January 1, 1964; in the meantime he will have the title of Acting Dean.

1944

H. L. Smith, BA, has been appointed general manager of Manitoba Rolling Mills Division of Dominion Bridge Company Limited, in Winnipeg. Mr. Smith has been associated with the mill since 1926 and successively held the positions of superintendent, works manager, manager and assistant general manager at the company's Selkirk rolling mill.

1945

Byron W. Straight, BA, MA'49, who estimated the cost of medicare for the Saskatchewan government, addressed a meeting of the Financial Executives Institute Vancouver chapter on the subject of the NDP Medicare plan for B.C.

He gave the members his own private estimate of the costs that would be involved in a medicare plan for this province.

1947

Albert W. R. Carrothers, BA, LLB'48, has accepted the appointment as Dean of Faculty of Law at the University of Western Ontario. His resignation from the staff of UBC where he has been a professor in the Faculty of Law will be effective June 30, 1964.

1948

John G. Gardiner, BCom, has been named Corporate Auditor for Consolidated Freightways of Menlo Park, California. CF is parent of Canadian Freightways of Calgary. Headquarters in Portland, Oregon will be Mr. Gardiner's home office.

1948

Wah Wong, BA, MA(Wisc.), PhD (NYU), who has been stationed in Bangkok, Thailand for the last 8 years as program officer with the United Nations Children's Fund (UNICEF), is being transferred to the UNICEF field office in Karachi, Pakistan. Mrs. Wong (nee Vivian M. Wong, BA'47), and their two boys, both born in Thailand, will accompany him.

Flight Lieut. Ray Archer, BCom, has been promoted to the rank of squadron

leader and appointed as senior supply officer at RCAF station Cold Lake, Alberta. A former owner of the Archer riding academy at Clear Lake and Winnipeg, he was made the first honorary member of the RCAF Golden Hawks for "exceptional logistics support" over the past three years.

Norman C. Sims, BCom, who joined the Travelers Insurance Company in 1951, has been named as manager for the Vancouver Claim Department.

1949

Floyd Wilber Bigsby, BASc, MS(Iowa State), PhD(Iowa State) has been named an assistant professor of agricultural engineering at the University of Saskatchewan.

1949

Frank V. Cairns, BASc, tells us in his article "Telemetry Antennas for Black Brant Rockets," that the most important characteristics of telemetry antennas for sounding rockets are: low drag—nearly isotropic radiation pattern—stability under the stresses and aerodynamic heating of rocket flights and compatibility with rocket structure. This article appeared in "Electronics and Communications," July, 1963 issue.

Rev. H. Irvine Hare, BA, has recently taken up his appointment at H.M.C.S. Naden after serving eight years with the Atlantic Command both ashore and afloat. His new station is Belmont Park, Victoria.

Dr. Sidney Hellyer, BA, MA'50 PhD (Ind.), formerly an experimental psychologist at the Defence Research Medical Laboratories in Ottawa, has been appointed assistant professor of psychology at Waterloo Lutheran University.

Judge Michaelangelo Provenzano, LLB, was sworn into office as East Kootenay Court judge, in ceremonies at the courthouse in Cranbrook.

Mr. Provenzano is one of the youngest County Court judges in Canada.

Douglas L. Sprung, BASc, has been appointed branch sales manager, Vancouver, of Canadian Liquid Air Company, Limited. He joined the staff of Liquid Air in 1949 and served for several years in the sales department of the company's head office in Montreal, and subsequently as district development engineer in B.C.

1950

H. T. (Terry) Barker, BA, has been promoted to the rank of Flight Lieutenant in the R.C.A.F. F/L Barker taught school in Powell River for five years, then moved to Ladner where he taught for a year. He left the teaching profession in 1957 to take a post with Field Enterprises as Regional Manager, and joined the R.C.A.F. in 1959 as an Education Officer. He is currently stationed at Summerside, Prince Edward Island.

D. H. Christie, LLB, head of the criminal law section of the Ministry of Justice, has been made a queen's counsel.

Gladys Rae Eckford, BA, is now a flying officer with the R.C.A.F. She has written and produced the radio program R.C.A.F. REPORT, which goes out to radio stations across Canada every week. She joined the R.C.A.F. after several years of teaching in a West Vancouver high school and operating her own women's clothing store in the interior of B.C. F/O Eckford drives her own sports car in local sports car rallies. She is a member of the Motor Sports Club of Ottawa, one of the oldest sports car rally and racing clubs in Ottawa.

Amos Eddy, BASc, has left Montreal to live in Austin, Texas, where he has joined the staff of the State University of Texas.

Norman Fawkes, BASc, will be senior engineer in charge of mechanical services including heating, ventilation and air conditioning with the firm of Phillips, Barratt and Partners, Vancouver consulting engineers.

Arthur Gordon Orr, BASc'45

Arthur Gordon Orr, BASc, has been appointed superintendent of engineering services for Simon Fraser University. The appointment is subject to confirmation by the University's board of governors when it is appointed. He is at present heating and air conditioning engineer with B.C. Hydro. Mr. Orr, who lives in White Rock, will be responsible for operations and maintenance of university facilities.

Until the university opens its doors in 1965 he will assist Dr. Shrum in co-ordinating architectural design and construction.

Alistair Fraser, LLB, is now executive assistant to State Secretary John W. Pickersgill.

Michael Fraser, BA, was admitted as a nominee to the American College of Hospital Administrators. He is the assistant administrator of the Royal Jubilee Hospital, Victoria.

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Miss A. G. Cameron, BSA'51

A. G. (Lexy) Cameron, BSA, was a visitor from far places to the Alumni Association offices in October. Though she still calls Kelowna home, she has been teaching—English and Old Testament—at the Union Biblical Seminary, Yeotmal, Prov. of Maharashtra in central India, for the past six years and plans on returning there when her two-year furlough is up.

The seminary, in operation since 1937, has for the past 10 years been sponsored by 23 different churches and missions.

After receiving her BSA degree at UBC, Miss Cameron took teacher training and taught for three years in the junior-senior high school at Grand Forks. Before going to her post in India, she received her Master's degree in Religious Education from the Biblical Seminary in New York.

English is the language of instruction at the Indian seminary since among its 110 students there are 24 different mother tongues.

Richard A. F. Gosse, LLB, law professor at Queens University spent his summer buried in the provincial library and archives, looking up the life and works of Lyman Poore Duff. He plans a biography of this peppery little red haired lawyer, who was called to the bar in 1895 and ended a distinguished career as chief justice of Canada.

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William M. Kellerman, BSW, MSW '60, BA(Sask.), has been appointed executive director of the Family Service Association of Metropolitan Toronto.

Melville L. Kerr, BSF, was awarded the Robert S. Day Trophy, by the B.C. Aviation Council. He was chosen as the one who had contributed most to aviation in B.C., by bringing to attention certain hazards which rendered flooded lakes useless for recreation.

Donald James McCorquodale, BA, PhD(Wisc.) will represent UBC at the Inauguration of President Attwood at Emory University, Atlanta, Georgia.

He is now assistant professor of Bio-Chemistry at Emory University.

Bruce McVean, BCom, has been nominated as National Co-ordinator for Kinsmen Clubs. He is a past president of the Kinsmen Club of Calgary and is in private practice as a chartered accountant.

Charles R. Pike, BASc, C.P.R. division engineer for Winnipeg Terminals has been transferred to Schreiber as division engineer. He joined C.P.R. as a rodman in 1946, went from junior transit man two years later to building inspector, and in 1956, became a division engineer.

1951

H. Tony Dare, BASc, is president of a new club in Edmonton. This is the Edmonton Construction Club, first of its kind in Canada. The purpose is to provide facilities for members of the construction industry to meet on a social and recreational basis.

Mr. Dare is chief engineer of Permasteel (Alberta) Ltd. and believes the club will bring members of the industry together.

Scipio Merler, BASc, has been re-elected president of the Association of Canadian Commercial Testing Laboratories and Consultants. First elected last year, Mr. Merler is general manager of Coast-Eldridge Engineers and Chemists Ltd.

John R. M. Szogyen, BASc, has been appointed manager of manufacturing of Electro Dynamic Division of General Dynamics Corporation.

In the newly created position, Mr. Szogyen will be responsible for the overall direction and co-ordination of all the division's manufacturing activities including industrial engineering and manufacturing services. Mr. Szogyen received his mechanical and electrical engineering background at the University of Budapest and the University of Zurich, prior to obtaining his degree at UBC.

1952

George Atamanenko, BSA, MSc'62, presently the research planner for Edmonton, will take up new duties as assistant planner for the Capital Region Planning Board in Victoria.

I. J. Carr, BASc, has been named assistant district manager of the enlarged West Kootenay District, by the B.C. Telephone Company.

Mr. Carr will assist in the administration of the West Kootenays until the end of the year, at which time he will assume full responsibility.

Richard E. Lester, LLB, prominent solicitor of Haney, was nominated to contest the Dewdney riding for the Social Credit party. He has served continuously on the school board since 1957, was chairman of the Fraser Valley School Trustees' Association for two years, before being elected in 1961 as president, the youngest man to have attained that position and the only president to have served a second term.

1953

Rod C. Bailey, BSA, has been appointed as agricultural representative in the Killarney office of the Canada Department of Agriculture.

1953

Brian W. H. Wharf, BA, is now planning director for the United Community Services in London, Ontario.

1954

Donald G. Faris, BSA, MSA'56, PhD (Calif.), is presently engaged in the task of developing suitable grain varieties for northern areas. The primary project of Dr. Faris will be in the field of barley breeding. The aim is to combine higher yield, greater straw strength, smooth awn characteristics and scald resistance, with the early maturing and malting characteristics of Olli. The studies will be conducted in an attempt to co-ordinate cereal research throughout the whole northern area.

William D. Stuart, BCom, is the Ottawa representative of the Canadian Petroleum Association. He promises to get the answer on any question pertaining to Canada's giant petroleum industry. His office supplies to schools on request such booklets as "Exploring for Oil", "Drilling and Production" and "Mineral Leases and Surface Rights" as well as films of oil field operations.

Howard N. Rundle, MA, has accepted a teaching position at the University of Saskatchewan.

Registration

THE REGISTRAR'S OFFICE reports registration in the various Faculties for the 1963-64 winter session as follows: Arts —4945; Science—2786; Applied Science —1183; Agriculture—197; Law—253; Pharmacy—160; Medicine—277; Forestry—192; Education—3001; Commerce and Business Administration — 633; Graduate Studies — 835; Unclassified—252. Grand Total—14,720.

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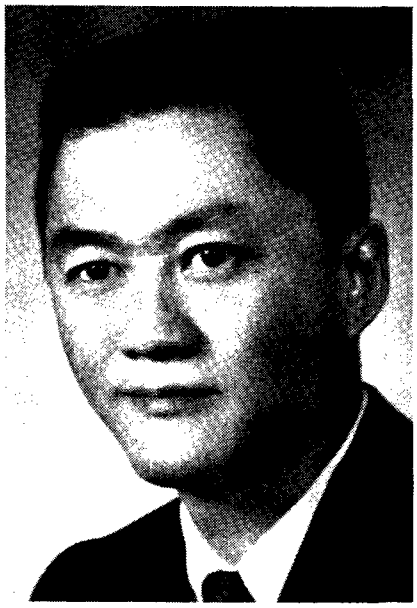
Douglas Jung, BA'53



Douglas Jung, BASc'55

NAMESAKES at opposite ends of the country. On our right is Douglas Jung, BASc'55, who calls Montreal home. He joined RCA Victor on graduation and at present is in charge of a systems group involved in advanced communication techniques. In June 1963 he contributed an article to *Commercial Satellite Communications* which describes an approach using earth satellites for the simultaneous straight-through transmission of multiplexed carriers using a single (satellite) relay.

The Douglas Jung on the left, BA'53, LLB'54, a partner in a Vancouver law firm, was first elected to the House of Commons as a member for Vancouver Centre in 1957. He served as chairman of the Canadian delegation to the Atlantic Conference of political youth leaders and organizations at NATO in 1958, and was an alternate delegate and Canadian representative on the legal (6th) committee of the United Nations in 1957. In August 1962 he was appointed to the Immigration Appeal Board.

1955

Neil J. Campbell, PhD, oceanographer-in-charge, Atlantic Oceanographic Group, Fisheries Research Board of Canada, has been appointed chief oceanographer, Marine Sciences Branch, Department of Mines and Technical Surveys. A marine physicist, Dr. Campbell has had several years of valuable experience in oceanography, particularly in the Arctic. Since 1959, he has directed the activities of A.O.G.'s oceanographers and marine biologists in their research endeavours in Atlantic and sub-Arctic waters to arrive at a better understanding of the ocean and its behaviour in the interests of Canada's marine fisheries and Canadian oceanography in general.

Glen H. Geen, BA, MA'58, has been appointed assistant professor in the faculty of graduate studies, Dalhousie University. He will also occupy a part-time position as assistant professor in the Faculty of Arts and Science.

Clarence C. MacKenzie, BSW, has retired as director of social welfare for Saint John County, New Brunswick. Reviewing the conditions encountered during his work there Mr. MacKenzie states that the biggest welfare problems stem from a shortage of housing and jobs. Several recommendations were made to rectify this situation before he left N.B. to take up further studies at UBC.

1956

Thomas L. Fenwick, BA, has been appointed process project supervisor in the technical department of Tennessee River Pulp and Paper Company. Mr. Fenwick was previously employed by Crown Zellerbach Canada Limited as a project engineer and by Southwest Forest Industries, Snowflake, Arizona, as a chemical project engineer.

Robert H. McLean, BCom, is the new Sales Planning Co-ordinator for Home Oil Distributors. After joining the company in 1956, Mr. McLean was assigned to Sales in the interior covering the Okanagan and Cariboo areas.

Edwin T. Sortwell, BA, has moved into a new position with Alchem Limited, Burlington. Mr. Sortwell's new responsibilities as staff product supervisor, process chemicals, involve the product and technical supervision of Alchem's process chemicals including the "Nalcoag" colloidal silicas, paper mill process chemicals, antifoams and process chemicals for the iron and steel industry.

1957

Patricia Anderson, BSN, has been made an assistant director, College of Nurses of Ontario. In this new post she will be concerned with all the functions of the college related to professional standards. Her most recent position was that of inspector of schools of nursing, nursing branch, Ontario Department of Health.

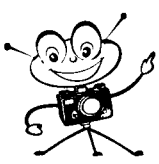
Peter S. Connell, BASc, has been appointed Sales Engineer of Formex Company of Canada, Division of Huyck Canada Limited.

Rev. H. T. Ellis, BA, now in England, will be leaving shortly for a new post in Formosa. He will work there under the Foreign Missions Board of the Presbyterian Church in Canada.

William B. Fromson, BA, BEd'60, has been named assistant superintendent of schools by North Vancouver School Board. His wide teaching experience has carried him into rural areas, in elementary and secondary schools as supervisor of instruction and later, director of elementary instruction and Superintendent in the Revelstoke-Golden area.

"A school must demand from each student the maximum in achievement," he said. "In the system, provision must be made for all levels of ability and each student must have equality in opportunity be he academic or vocational: gifted or slow learner: hard of hearing or disturbed. The key to instruction must be the demand for excellence—required by each teacher and recognized by the student."

Arthur L. Leach, BSA, has been appointed supervisor of a new division which has been announced by Cockfield,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Flying Officer George Leslie, BASc, has been transferred to North Bay from 407 Maritime Squadron, Comox, B.C., where he flew Neptune aircraft on patrol duties. He will be Design and Requirements Officer in the Construction Engineering Section at the Airbase.

Gordon Mah, BASc, has been appointed Project Engineer for Labatt's Alberta Brewery Limited during construction of the company's brewery in South Edmonton. He joined the Engineering Department of Labatt's in June 1960 and has been engaged in the design of the Alberta brewery prior to moving to Edmonton to supervise its construction.

Jeffrey D. Burton, M.D., and his wife Dorothy who returned to Canada last summer are a much travelled couple who logged over 60,000 miles of European and near-East travel in their Volkswagon during Captain Burton's three-year tour of duty with the Canadian NATO brigade group serving in Germany. Countries of Northern Europe, countries of southern Europe, and such exotic points as Istanbul, Jerusalem, Bethlehem (on Christmas Eve), Damascus, Luxor were all in the itineraries of their various holiday trips. In addition, Mrs. Burton visited Iron Curtain countries (out of bounds to Canadian servicemen) on her own.

Last June Captain Burton took up new duties at the Canadian Forces Medical Centre in Ottawa.

1958

R. L. Dolphin, BASc, is the author of a paper published in the June 1963 issue of the "B.C. Professional Engineer." He has been connected with the construction business since graduation and joined the British Columbia Cement Company Limited in 1961. His article entitled "Pozzolans in Concrete: A Factual Examination" deals with materials possessing pozzolanic properties which have been used in portland cement concretes, either added at the mixer or interground with the cement. The concrete used in the Roman aqueduct built along the Rhine River some 2,000 years ago contained a cement made of volcanic pozzolan and a crudely burned lime. The purpose of this paper is to examine the distinguishing features of this material and its applications in modern concrete construction together with placing its uses in the proper perspective.

1959

David C. Higgs, BA, a recipient of a Woodrow Wilson Fellowship on graduation from UBC, is now studying at University College, London, for his PhD. The title of his doctoral thesis is "Ultra Royalist Movement in Toulouse under the second Bourbon Restoration." Mr. Higgs received an IODE grant in 1961 and a Canada Council grant in 1962 to further his graduate studies.

1960

John Hogarth, LLB, who sees room for improvement in Canada's approach to crime and the criminal has left Port Alberni to study at Cambridge University, said to have the world's foremost institute of criminology.

He financed his university studies by working for the probation branch, became so interested in the work that he abandoned the idea of practising law. He finds a knowledge of law an advantage in the career he has chosen. About 70 per cent of his work has been with juveniles. He hopes to visit correctional institutions in many of the European countries. Rehabilitation and prevention measures in the older countries will be studied and assessed. Upon his return to Canada, he hopes to put his new knowledge into practice.

D. J. Lawless, MA, has been appointed to the department of psychology at St. John's College. Even though he is studying for his doctorate, he is assistant officer-in-charge of the London office of the department of Canadian Citizenship and immigration.

Robert F. Sherrin, BArch, has been named assistant director of Manitoba Theatre Centre's theatre school. Forsaking the drawing board for the stage, he became a member of the first graduating class of the National Theatre School of Canada, where he specialized in direction and production.

1961

Robert C. H. (Bill) Rodgers, BASc, has recently received a promotion from Sales and Service representative of the Vancouver office of Aviation Electric Pacific Ltd., to Sales Manager. He is a member of the Board of Management executive of the Alumni Association and was chairman of the 1962 and 1963 Homecomings.

1962

J. P. Bell, BCom, arrived at his first foreign posting with the Canadian Trade Commissioner Service, this fall. He is now the assistant commercial secretary for the commission in Stockholm.

Christopher Dagg, BA, was the recipient of the first fellowship granted by the Canadian Institute of International Affairs. With his $2,500 award, Mr. Dagg will study Canadian participation in the International Control Commission in Vietnam, Cambodia and Laos.

Sandra Frisby, BEd, will teach the British Columbia school curriculum in a tiny schoolhouse in East Pakistan for the next two years.

The students will be sons and daughters of Canadian, American and British employees of Sandwell and Company operating a paper mill in Pakistan.

Until this year a British teacher has been hired to teach the children, most of whom were from England. But with the mill being expanded by 50 per cent and an increase in Canadian and American employees, it was decided to hire a Canadian. "The curriculum will be exactly the same as the one laid down for students in B.C.," stated Mr. Stidwell, manager of the mill. "We must offer good schooling if we hope to attract high calibre personnel."

Miss Frisby will teach grades 1 to 8. Older students will go to private schools in Pakistan, India or other countries.

Diane Robertson, BA, is in Montreal studying for her master's degree in mathematics. Although few women students enter this field, Miss Robertson's ambition is to teach at a university, upon completion of her studies.

James B. Thomson, MSW, has been hired by the city of Vancouver as social work consultant in the health department. He has held positions with the Children's Aid Society, John Howard Society, Family Service Agency, Crease Clinic and in medical social work. He has also studied social problems in Europe.

Alan Yarr, BPE, after a year of postgraduate work in physical education at UBC, has accepted an appointment to organize a School of Physical Education at Dalhousie University. Following graduation from Cowichan high school, he served for seven years as an officer in the Royal Canadian Air Force.

1963

Johan Anton (Tony) De Jong, BA, is the new assistant city planner for Victoria. He insists town housing is vital if the city is to be kept alive. He suggests the many sites and buildings in and around the downtown area be used for apartments.

Such accommodation could be either of the low rental variety particularly for senior citizens who would enjoy the advantage of being within walking distance of the city's heart, or town housing for business people.

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1963

Robert E. Dubberley, BA, has moved to Charlottetown, P.E.I. to assume his duties as production manager for the new Fathers of Confederation Memorial Centre. As assistant to the artistic director, Mavor Moore, Mr. Dubberley will be in charge of the 1000 seat theatre, as well as generally overseeing the art gallery, library, and provincial archives which complete the $5.000,000 complex.

He stage-managed several productions for UBC including the 1963 success, "Henry IV." During past summers, he worked for the Vancouver International Festival in several capacities, climaxed this year when he stage-managed the smash hit, "Best of Spring Thaw" and the "Hostage."

To accept his new position, Mr. Dubberley has had to defer the Bill Rea Scholarship for graduate studies in television, which he was awarded upon graduation.

Dennis Healey, BSc, a former Vancouver Sun carrier and Sun scholarship winner is head of the 1963 graduating class for 1963. He won his first Sun scholarship in 1959 and continued to receive the $500 scholarship each year at UBC.

James B. Forrest, MASc, has taken up a position as soils engineer in northern Manitoba with G. E. Crippen and Associates of Vancouver.

He will continue studies towards PhD at Northwestern University in Illinois where he holds a research assistantship and a Ford Foundation grant.

P. W. Herke, BASc, is in Britain for approximately two years on an Athlone scholarship.

NEW ADDRESS?

Returned mail costs money and is inefficient. If your alumni mail is not correctly addressed, please put us right.

Raymond Jang, BSA, has won a $750 fellowship offered by the Canadian Foundation for the Advancement of Pharmacy. He will intern at University hospital in Saskatoon.

Mr. Jang won the Bristol award for the outstanding student in the graduating class in pharmacy at UBC. He was also president of the Pharmacy Undergraduate Society.

Ross Lloyd Martin, BCom, won this year's award given by Professional Marketing Research Society, with his paper on the corporate image of a large retail outlet.

Brian McDermott, BA, has returned to Vancouver after three months of adventure which ended in the wreck of a 97-foot yacht in the Caribbean. Originally the boat was to sail in a race to Mexico, then go through the Panama Canal, sail north to Newport, Rhode Island, then take part in a trans-Atlantic race. The trip ended on a coral reef in the Caribbean. The $100,000 yacht was a total loss but Mr. McDermott and his four companions survived their night of terror in the boiling surf.

HISTORY MADE

THIS YEAR no less than four books will be published by members of the Department of History: John Headley, *Luther's View of Church History,* Yale University Press; John Norris, *Shelburne and Reform,* Macmillan and Co., London; H. B. Neatby, Volume II of the official life of Mackenzie King, University of Toronto Press; and John Bosher, *The Single Duty Project, A Study of the Movement for a French Customs Union in the 18th Century,* Athlone Press, London. This harvest year is probably unsurpassed among Departments of History in Canada.

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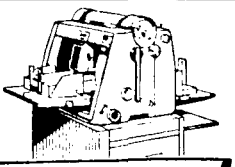

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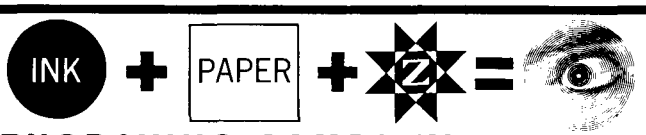

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The Event

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The Details

Thursday, February 6, 1964

at 6:00 p.m.

in Brock Hall Lounge

Tickets — $3.25

The Speaker

David Brock

David Brock, radio and TV personality, essayist, will be the speaker at this second annual student-alumni banquet. His topic: My Days as a University Student.

Seattle annual meeting draws 50 graduates

THE ANNUAL MEETING of the Seattle Chapter of the Alumni Association was held at the official residence of the Canadian Consul-General, Albert S. Whiteley, and his wife. Both hosts are Class of '28 graduates of UBC in Arts. The gathering of about 50 former UBC students heard an address by Dr. John Chapman, recently-appointed academic planner at UBC, on academic planning.

Ed Senkler, BASc'36, was elected president, succeeding Dan Young, BA'52, and Robert Boroughs, BA'39, MA'43, vice-president.

Grandmother at UBC shows educational trend

THE MARRIAGE of Professor Emeritus A. C. Cooke to Mrs. Beatrice McColl, reported in its appropriate column in this issue, is yet another reminder of an interesting post-war development in education.

When Mrs. Cooke returned to teaching after the death of her first husband some years ago, she decided that a degree was in order. She took some courses at Victoria College while one of her sons was a student there, then came to UBC where she received a BA degree in 1959 and BSW the following year. Study for a Master's degree had to be broken off because of illness.

"I thought," says Mrs. Cooke, "that I would stick out like a sore thumb on campus." Instead, she found that she had contemporaries in every class, and, even more gratifying, that her 'teen-age fellow-students accepted her as one of themselves, having the same interests and goals.

The mother on campus is no rarity—Mrs. Cooke had six adult children when she became an undergraduate — the grandmother is not unique, but to the editor's great disappointment, Beatrice Cooke did not achieve great-grandmother status until after she left UBC.

An undergraduate granddaughter is now the owner of what must surely be one of the first govrnor-general's medals, awarded to Mrs. Cook's aunt in the 1880's.

Mrs. Cooke is continuing in her profession of social worker.

Tentating date set for Commerce Seminar

A TENTATIVE DATE has been set for the Third Annual Commerce Seminar—February 29, 1964—according to Mr. Isy Wolfe, BCom'58, LLB'59, Seminar Chairman.

As the past two seminars have been very successful, the format of the all-day Saturday programme will be basically a repeat outline. The committee plan to present a good variety of stimulating subjects of specific interest to Commerce graduates.

Further details will be mailed to Commerce graduates. Commerce graduates can register now by writing the Alumni Office.

First Annual Niagara District UBC Alumni Association dinner was held October 12, 1963. The Hon. Arthur Laing, BSA'25, and Dr. William C. Gibson, BA'33, were guest speakers.

Births

MR. and MRS. MICHAEL L. HADLEY, BA '59, (née ANITA BORRADAILE, BA'59), twins — a son, David Llewellyn, a daughter, Michele Anita, May 9, 1963, in Winnipeg.

DR. and MRS. JOHN E. HANNA, (née PEGGY BURTON, BSA'45, MSA'47), a son, David Eakin, February 6, 1963, in Dublin, Ireland.

REV. and MRS. HENRY IRVINE HARE, BA '49 (née ISABELLE DENHOLM, BA'48, BSW'49), a daughter, Diane Maureen, October 3, 1963, in Victoria.

MR. and MRS. G. SHOLTO HEBENTON, BA '57, a daughter, Barbara Jane, July 28, 1963, in Brooklyn, New York.

MR. and MRS. DONALD I. NELSON, BASc '50 (née ELEANOR IRWIN, BASc'47), a son, Andrew Irving, May 29, 1963, in Montreal, Quebec.

DR. and MRS. ROY WESTWICK, BA'56, MA '57, PhD'60, (née GWYNETH MARY MCARRAVY, BA'58, MA'60), a son, David Thomas, July 9, 1963, in Vancouver.

Marriages

BROWN-NETHERTON. Gordon Edward Brown, BEd'63 to Catherine Anne Netherton, BSP'60, in Vancouver.

COOKE-MCCOLL. Albert C. Cooke, Prof. Emeritus, to Mrs. Beatrice McColl, BA'59, BSW'60, in Victoria.

CURRIE-LEES. Robert Currie to Sylvia A. Lees, BA'45, in Guelph, Ontario.

DAWSON-CAMPBELL. Graham Elliott Dawson, BASc'63, to Beverley Grace Campbell, BEd'61, in Vancouver.

DICKINSON-FOX. James Gary Dickinson, BEd'63, to Barbara Louise Fox, in Vancouver.

GARRARD-SILVERSIDES. Clifford Ernest Garrard, BA'63, to Hilary Ann Silversides, BA'61, in Vancouver.

GATES-DRAGAN. Bryan Rodd Gates, BSc '62, to Sharon Dragan, BA'61, in New Westminster.

GIBSON-O'DONAHUE. Gordon Clifford Gibson, BASc'63, to Michaelene Laurence O'Donohue, in Vancouver.

HAMIDA-GHEZZI. Abdessar Ben Hamida, to Linda Anne Brena Ghezzi, BA'57, in Fontainebleau, France.

JOHNSTONE-LEE. Colin Bruce Johnstone, BA'62, to Audrey Carolyn Lee, BSN '63, in Sibu, Sarawak.

JONES-FOSSETT. Ninian Casey Jones, to Renée E. Fossett, BA'57, in Winnipeg, Manitoba.

LEONG-LEUNG. Bing Soon Leong, BSP'60, to Florence Leung, in Vancouver.

MCAFEE-PICKARD. D. Roger McAfee, BA '62, to Rosemary Ann Pickard, BA'62, in Vancouver.

MCGIVERN-FITZPATRICK. Hugh John McGivern, to Sheila Anne Evelyn Fitzpatrick, BA'63, in Vancouver.

MCKAY-CARLSON. Robert B. McKay, to Gail Ginger Carlson, BA'63, in Vancouver.

MCKEOWN-WHEELER. Brian Alfred McKeown, BSc'62, to Merrily Pauline Wheeler, BEd'63, in West Vancouver.

MCLEAN-BROWN. John Milton McLean, BPE'62, to Mary Jean Brown, in Vancouver.

MARRIOTT-KENNEDY. Alan Townshend Marriott, BASc'60, to Betty Elaine Kennedy, in Winnipeg, Manitoba.

MARSHALL-ASSERLIND. William Douglas Marshall, BCom'61, to Barbara Joan Asserlind, in Vancouver.

MASKALL-PEDDEN. Donald William Maskall, LLB'63, to Nancy Anne Pedden, in Vancouver.

MILLER-HALE. William Hugh Miller, to Hilary Joan Hale, BA'58, in Victoria.

MILLER-THORSTENSON. George Carr Miller, BA'63, to Patricia Joan Thorstenson, in Vancouver.

MORE-DERRICK. Arthur John More, BSc '62, to Janet May Derrick, BEd'63, in Vancouver.

NEVINS-IRVINE. Norris H. Nevins, BSP '63, to Sharon Irvine, in Burnaby.

NEWELL-POLE. Robert Newell, BCom'62, to Audrey Ann Pole, in Alvinston, Ontario.

RAUEN-WALTER. Dr. Jur Klaus Peter Rauen, to Inga Walter, BA'60, MA'63 (Wisc.), in Bad Godesberg, Germany.

REID-PITT. Keith James Reid, BEd'62, to Maureen Elizabeth Pitt, BA'60, in Richmond.

SMILEY-PATTERSON. Douglas William Smiley, BASc'63, to Wendy Jane Patterson, BHE'61, in Vancouver.

THOMSON-DUNFORD. Peter Lees Thomson, BA'62, to Heather Lynne Dunford, in Vancouver.

WILLIAMS-BRADSHAW. Donald Boyd Williams, BSc'62, to Therese Elizabeth Bradshaw, in Vancouver.

Deaths

1919

T. Ian Gibson, BA, sawmill operator in the Nicola Valley and on Vancouver Island, died this summer. He served in Princess Patricia's Canadian Light Infantry in the First World War, later becoming President of the Princess Pat's Veterans' Association. He was wounded, earned a commission and returned to France, where he lost an arm in 1917. Mr. Gibson is survived by his wife and two sisters, Mrs. Stanley Trites of Chilliwack and Mrs. Gordon DesBrisay of Penticton.

1932

A. S. Matheson, BA, died May 28, 1963. He is survived by his wife, in Kelowna.

1939

G. B. Erlebach, BASc, died August 16, 1963.

1946

S. B. Williscroft, BCom, died of cancer on December 15, 1962. He leaves a wife, in Vancouver.

1939

John A. Hamilton, died August 3, 1963. He is survived by his wife and son, Neil, BCom'53.

1955

Gregory Wales Thomas, BA, head of the French department of St. George's School, Vancouver, died this summer in Victoria.

Prior to his appointment at St. George's School, Mr. Thomas taught in other B.C. schools, Sydney, Australia, London, England, and Montreal, Quebec.

At the time of his death Mr. Thomas was working on his new French Reference Text Grammar. Earlier in the year he had his French Translation series published for senior matriculation students.

Born in Cranbrook, B.C., Mr. Thomas was educated at public and private schools in B.C., then enrolling in the Provincial Normal School at Victoria where he gained with distinction his Diploma in Education.

He is survived by his mother, Mrs. C. Thomas, in Victoria.

1956

Lawrence Ades, BA, vice-principal of Cambie Junior High School, Richmond, died at the age of 35 from a heart attack.

Born in Saskatchewan, Mr. Ades had lived in B.C. for about 15 years and did a great deal of youth work in Richmond.

He is survived by his wife, a daughter, Laura, and two brothers, Fred, in Montreal and Gordon, in Edmonton.

1962

Douglas Carey, BA, was killed, when the light plane he was piloting, crashed in the Burns Lake area this summer. Mr. Carey was flying for the air services during the summer months, when the accident occurred.

1963

Stephen Nelson, BASc'63, was a passenger in the plane flown by Mr. Carey when it crashed at Burns Lake. He was engaged in a geological mission at the time of his death.

In addition to his parents, he is survived by a brother, Kim, at home.

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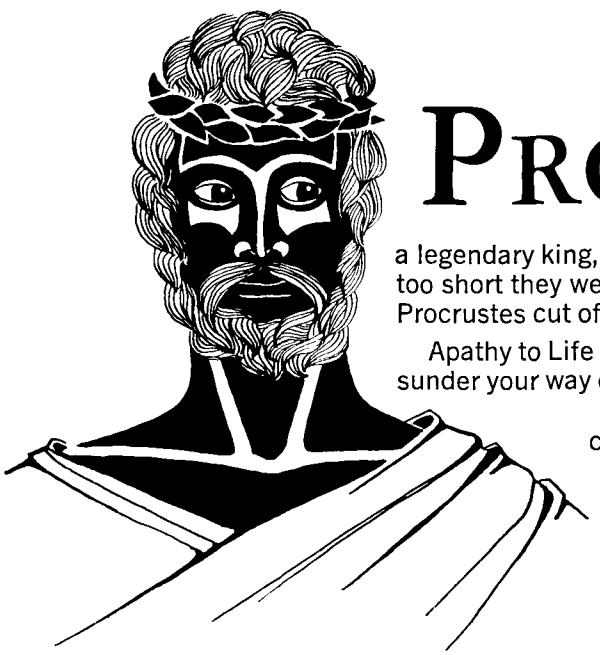
Music department announces program

THE MORE RECENT the graduate, the more likely he is to be aware of the great variety of cultural programs offered at the university to students and general public alike, but even he can get out of date very quickly. The programs don't, and they get better all the time, as illustrated by the Department of Music calendar.

There is no admission charge and the noon-hour offerings, though intended primarily for students, are also open to the public. Here are the second-term recitals and concerts, the dates subject to possible change.

Jan.	7	Faculty Piano Recital — Kathryn Compton	8 p.m. Buchanan 106
	10	Collegium Musicum, "Virtuoso Piano in the Time of Mozart and Beethoven"	12:30 & 8 p.m. Music Bldg.
	22	Faculty Chamber Music Recital	12:30 & 8 p.m. Music Bldg.
	24	Collegium Musicum (subject to be announced)	8 p.m. Buchanan 106
	28	Faculty Piano Trio Recital	8 p.m. Music Bldg.
Feb.	14	Collegium Musicum, "Morely's Consort Lessons"	8 p.m. Buchanan 106
	19	Faculty Voice Recital — Marie Schilder and Phyllis Schuldt	8 p.m. Buchanan 106
	26	Faculty Cello Recital — Eugene Wilson and Dale Reubart	12:30 & 8 p.m. Music Bldg.
	28	Collegium Musicum (subject to be announced)	12:30 & 8 p.m. Brock Hall
Mar.	6	Open House Concert — UBC Choir and UBC Orchestra	8 p.m. Buchanan 106
	10	Student Graduating Recital	8 p.m. Buchanan 106
	11	Faculty Violin Recital — Esther Glazer and Frances Adaskin	12:30 & 8 p.m. Music Bldg.
	13	Collegium Musicum (subject to be announced)	8 p.m. Buchanan 106
	17	Student Graduating Recital	8 p.m. Buchanan 106
	18	Faculty Flute Recital — Carol Kniebusch	12:30 & 8 p.m. Brock Hall
	20	UBC Symphony Orchestra Concert	8 p.m. Buchanan 106
	25	Faculty Piano Recital — Kathryn Compton	12:30 & 8 p.m. Brock Hall
Apr.	3	UBC Symphonic Band Concert	8 p.m. Buchanan 106
	7	Faculty Piano Recital — Dale Reubart	8 p.m. Brock Hall
	10	Concerto Concert — Graduating Seniors with UBC Symphony Orchestra	



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