"In ten years my children..."

What will our University hold for them?

(See page 8)

UBC ALUMNI

Chronicle

Fall ***1967***

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UBC ALUMNI CHRONICLE

Volume 21, No. 3—Fall, 1967

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EDITOR AND BUSINESS MANAGER
Elizabeth B. Norcross, BA'56

COVER
Deni Eagland

Commerce announces a new savings plan to

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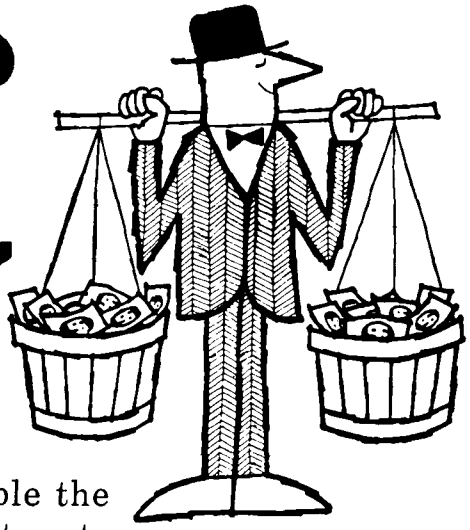

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L. to R.—Hugh P. Legg, Sholto Hebenton, James W. Killeen, George L. Morfitt

UNIVERSITY GOVERNMENT—

Alumni Committee Recommendations

IN 1966 the attention of the academic community in Canada was drawn to the Duff-Berdahl Report. This report surveyed the whole subject of university government in Canada.

Following publication of the Duff-Berdahl Report, two reports were prepared by committees of faculty members at UBC: the Bourne Report, the work of a committee of the Faculty Association; and the Moyles Report prepared by a committee established by former President John B. MacDonald.

The UBC Alumni Association, believing that it would be helpful if the matter was studied by persons who were not involved in university teaching or administration, established a committee to report on university government at UBC. The committee consisted of four alumni: the Chairman, Sholto Hebenton, BA'57; James W. Killeen, BA'54, MEd'62; Hugh P. Legg, BA'50, LLB'51; and George L. Morfitt, BCom'58.

Keeping in mind that any recommendations would have to take into consideration UBC's position as a public university, the alumni committee concluded that the role of the faculty in university government should be increased and that the number of alumni involved as such, in university government should be decreased. It recommended that students be added to the Senate but not to the Board of Governors.

The major recommendations of the committee are as follows:

1—**That a government appointed Advisory Board on Higher Education be established.** This board would replace the two existing advisory boards in British Columbia, one dealing with academic matters and the other dealing with financial affairs. These boards consist in part of representatives of the respective universities and together have only one paid employee. The proposed board, independent of the government and having its own research staff, should bring master planning to post-secondary education in the province by making recommendations to the government on the division of funds among the universities and colleges and by making recommendations to the universities on certain broad questions of academic policy, such as the creation of new faculties. The individual universities should not have delegates on this central board though it might contain one or more faculty members from the universities Similar boards now exist in Nova Scotia and Ontario.

2—**That the Board of Governors be increased in size from 11 to 15 members and the restriction against the election of members of the faculty to the Board be removed.** This enlarged Board should include nine government appointees. The government should ensure that its members of the Board of Governors, while acting primarily as trustees insuring that public funds are carefully spent, are representative of a broad range of experience in the province.

The number of members elected to the Board by the Senate should be increased from three to four. These Senate representatives would normally be members of the faculty. Students should not be on the Board of Governors nor should they be represented by a specially elected Rector. The Alumni, as such, should not have representation on the Board of Governors.

3—**The Senate be reduced in size from 73 persons to 55.** This reduction should be accomplished by removing nine faculty and ten alumni representatives. Students should be represented on the Senate. (This has been accomplished by a resolution of the Senate passed in May, 1967.) The senior academic officers of the university should continue to be members of the Senate. Some other adjustments are recommended but the proposed Senate would continue to be a body dominated by the faculty.

4—**The President remains a powerful figure at the centre of the university.** He should be provided with administrative assistants of his own choosing so that he can develop an administrative team permitting him to concentrate on the larger academic and administrative questions of the university.

Dr. and Mrs. Hare with Robin and Elissa Beatrice.

U.B.C.'s New Head Man

by JOAN ARNOLD

"THE PRESIDENT helps propel a vessel in motion—and UBC is some vessel."

That's a quote from our incoming president, Dr. F. Kenneth Hare. And on the University's role he says: "The rest of the country expects UBC to be a great national university and to take the initiative on the national scene by sponsoring new ideas and developing national policies on education." And again: "I do not see how UBC can fail in becoming one of the great universities if it remains true to itself."

English-born Dr. Hare is a Canadian by choice. With a BSc (first class honours in geography) from the University of London, he came to McGill after the war to join the faculty and teach geography and meteorology. He rose to be Dean of the Faculty of Arts and Science, 1962-64, before returning to England to assume the posts of professor of geography, King's College, University of London, and Master of Birkbeck College. Concurrently with teaching at McGill he took his PhD degree in geography from the University of Montreal in 1950. While he's fluently bilingual, enjoys reading French novels and French political commentaries and feels that English language Canadians who do not read French are missing a great deal, he has no intention of "thrusting French down unwilling English throats." If any UBC groups should be interested in exchanging with their opposite numbers in Quebec—and that, to his mind, is the only way of learning the other language—he would give them all possible assistance. But the students must make the first move. "The initiative must come from below."

A biggish man with a relaxed, easy manner and an air of having all the time in the world, Dr. Hare possesses the gift of putting a stranger immediately at ease. That stranger might be misled—but only

briefly—into thinking that here is no member of the dynamic society. A very few minutes' conversation suffices, however, for him to learn that he is dealing with a keen mind, a mind quick to seize on the important points, to ask the right questions.

While Dr. Hare describes himself as a "persuader," one must not infer anything soft. He recalls, with a characteristic twinkle in his eye, that almost his first act after assuming his present post of Master of Birkbeck was to burn a complete issue of the student paper in order to save the editor and the student council from libel action. The editor thanked Dr. Hare when the reasons for the action were explained to him. It might be noted in passing that the average age of undergraduates at Birkbeck is 26.

Dr. Hare expects to be friends with UBC's student leaders, though not necessarily initiating the friendship through quite such drastic action as burning their paper. Students are people that Dr. Hare understands pretty well and believes in. He is very anxious to encourage the best students to stand for student government positions because their fellows have a vital stake in getting a student government which can co-operate with the university president. "They are crucial members of the team."

The President-elect holds, for instance, that students can contribute to the decision-making process at the right level, that is, Senate, because "students are young and idealisic and willing to stand by their principles and not to compromise as is so often done in the business world, and because they are basically impatient and want to get things done now, not five years from now as is often the case."

Although Dr. Hare is very actively engaged in his own research, he would enjoy speaking to the students about it, whether as a geographer about the Labrador peninsula and the Canadian Arctic, or as a meteorologist about the stratosphere.

The Canadian Arctic is one of his pet enthusiasms. "Every major Canadian university ought to have a stake in the Canadian north," chiefly for the reason that they should have a special stake in doing something Canadian and the obvious thing is exploration of the north. "Exploration, exploitation and development of the north is in the Canadian national interest." UBC might well, he thinks, develop closer contacts with the University of Alaska, particularly in the field of northern research.

This is perhaps one of the areas of research which he feels Canada should support on a national basis. At any rate he is quite convinced that it is essential the federal government remain in the field of research and not opt out as it has done on the per capita grants to universities. The world, says he, expects Canada, because of her great wealth, "to make a big splash internationally" in research.

What else should we be doing? Well, there's that lively, and pressing problem, of producing PhD's. More than satisfying the needs of our own universities, government laboratories and industries, Dr. Hare thinks we have a responsibility to produce an exportable surplus. As a rich country we should be able to send 25% of our PhD graduates overseas to the developing world. Further with regard to PhD's, it is Dr. Hare's view that "the Canadian universities should have funds at their disposal to send graduates abroad, preferably to the United Kingdom or Europe rather than to the U.S., and that they should also have sufficient funds to attract these students back to Canada when they have completed their studies."

Reasonable Size Is Necessary

What about the size of UBC and the possibility of restricted enrolment? This question forces Dr. Hare to hedge a bit. "Nobody can put an ideal size on a university; maybe UBC is large enough now." He feels that the University of London, with 27,000 students, is too large, but that the tendency of the new British universities to start with 200-300 students and climb to 3,000 over ten years is not good, either. Such universities can offer only very limited courses and rarely have an adequate library. Reasonable size is necessary in order to offer specialized facilities, an adequate library and a computing centre.

"The students are the centre of the university. The university must be small enough for the students to get what they need." By that Dr. Hare explained that he meant the large university must find a means of organizing itself into small effective units which could serve as focal points to which the student could attach himself and feel that he really belonged.

Now UBC has recalled Dr. Hare to his second homeland. With him will come his Canadian-born wife and their two younger children, Elissa Beatrice and Robin. The children will be enrolled in the appropriate public school for the 1968-69 year. An older son, Christopher, is married. Their father's appointment at UBC commences July 1, 1968, although he plans to spend as much time as his present commitments allow on the UBC campus prior to that date. Somewhere in his busy schedule he will probably find time to pursue his interests in the fine arts, especially music. For relaxation he plays the piano, sings and composes.

Finally and foremost, if one may be allowed the seeming contradiction, Dr. Hare loves the idea of university administration. "I took the job of being president because I like dealing with intelligent first-rate people." □

Miss Arnold, BSc'63, PhD'66, spent last year at Queen's University, Belfast. She visited Dr. Hare in London for this interview.

IN TEN YEARS— MY CHILDREN . . .

What will our university hold for them?

by Mrs. M. T. MARCHAK, BA'58

ONE OF OUR BOYS IS A JUNK COLLECTOR. Geordon collects paper, stamps, and free pamphlets. Last week he sent in a coupon and ended up with a collection of seed catalogues. Once he sent for information on some mining stocks, and the brochures didn't stop coming until the investment dealer arrived on the doorstep to discuss business with him. He's eight.

Our other boy has the makings of a fine clown. Ask him to call the family to dinner, and Lauren greets them with, "This is a recording, your dinner. . . ." Once he painted a blue blob on a big sheet of paper, and then soberly informed us that it was an elephant running to get out of the rain. He's seven.

"They choose their own futures," we say. But really, we're just like other parents. We don't consider the circus or the junkyard to be alternatives to a university education.

Our reason is simple. In a society which assesses its members on the basis of achievement—an admirable principle—we've eliminated a vast array of entrances to productive adult life. Achievement has come to mean one thing—an academic degree. And we all know that these degrees have a way of reflecting diligence rather than talent, creativity, or intelligence.

The university has become the only entrance to most skilled jobs. The result is overcrowded classrooms; overcrowded with students who can't go elsewhere.

Are we honestly keeping all these kids on the campus so that they'll drink up a liberal education? Or is it to keep them out of the labour market? They are, after all, unskilled labour—and without a degree, they can't get work.

It is no solution to provide stiffer entrance requirements. That would only reward more fully the rather dull virtue of diligence.

The solution is, simply, to create alternatives to the university. To admit that there are other kinds of achievement and other measures of intelligence. There are certainly other ways to learn self-discipline.

One alternative is a multiversity. A multiversity is an environment within which persons are trained for a vast range of skilled vocations, and for the professions. It should be a place where people can become engineers, or recreation directors, or even doctors —without first mastering English literature. Within the multiversity, a liberal arts and science program should be offered when and if students are ready for it. It should never be a pre-requisite to technical training.

Another alternative is on-the-job training programs in forestry, business administration, even teaching. Employers might balk—but it would be to their advantage. Technical competence, like the bearing of children, is most easily achieved in youth.

What I'm suggesting is simply, that the achievement process be turned upside down. Let the practical skills come first to those who want them. Let a young person know that he's capable of earning a living. Let him learn self-discipline at work, so that he won't need to waste his education learning it at university. Then make room for the slow, simmering process of the liberal education.

Some say that the older you get, the less susceptible to wisdom you become. The vets didn't seem incapable of learning after the war, and the ever-increasing number of adult students now on the campus seem perfectly able. Wisdom is not like learning the vowel sounds in a foreign language: it doesn't thrive on unformed muscles.

Impractical? Well, while we muddle on, trying to turn bright but bored eighteen-year-olds into scholars, the students themselves are turning the tables. They

become, willy-nilly, teachers and accountants and parole officers—and then they get bitten by the bug. They come back in droves to night classes, and many of them take off years from work—so that they can enjoy the prize when they're ready for it: a liberal education. Our affluent society can afford to encourage them.

Our boys will be eligible to enter university in ten years. And it's about ten years since we graduated —with full honors in political clubs, Brock coffee harangues, and *Ubyssey* rabble rousing. That's what we call our undergraduate education. Oh, I remember taking some literature courses—but I didn't discover that the Russians are the best novelists until years afterwards. Such is our Anglo-Saxon bias. Would I change it? Well, I'd like to change some courses, so that they would be as interesting and intelligent as the *Ubyssey*.

In the first place I would aim them at the best students—because the mediocre students are probably darned good at something else, and shouldn't be there—until they want to be. Even the best students should learn to read, and learn about that thing called logic. That takes care of the first year.

A year of philosophy of science, and science and maths courses for the scholars in social science and humanities: to teach them to think. And a year on literature and history—Russian and Chinese included, please—for all science students: to civilize them.

And then the fourth year should just be fun. Politics, intensive reading on obscure religions, fine arts, or comparative law. Or languages taught orally, without books.

As to exams—they're good for the instructors. Let them know whether they've said anything all year.

And that takes care of the liberal education. For people who want it. I have a feeling that our clowns and junk collectors will revel in it—one day.

A liberal education, it seems to me, consists of involvement in the present, awareness of the past, imagination for the future. It starts with a mastery of reading skills and an appreciation for the fine art of thinking. It comes more agreeably over beer in the wee small hours, with intimate groups. But it can happen in crowds. Reading and thinking have a nice habit of penetrating impersonality, and genuine curiosity never engenders detachment. But to turn the liberal education into an unavoidable endurance test, is to banish it altogether.

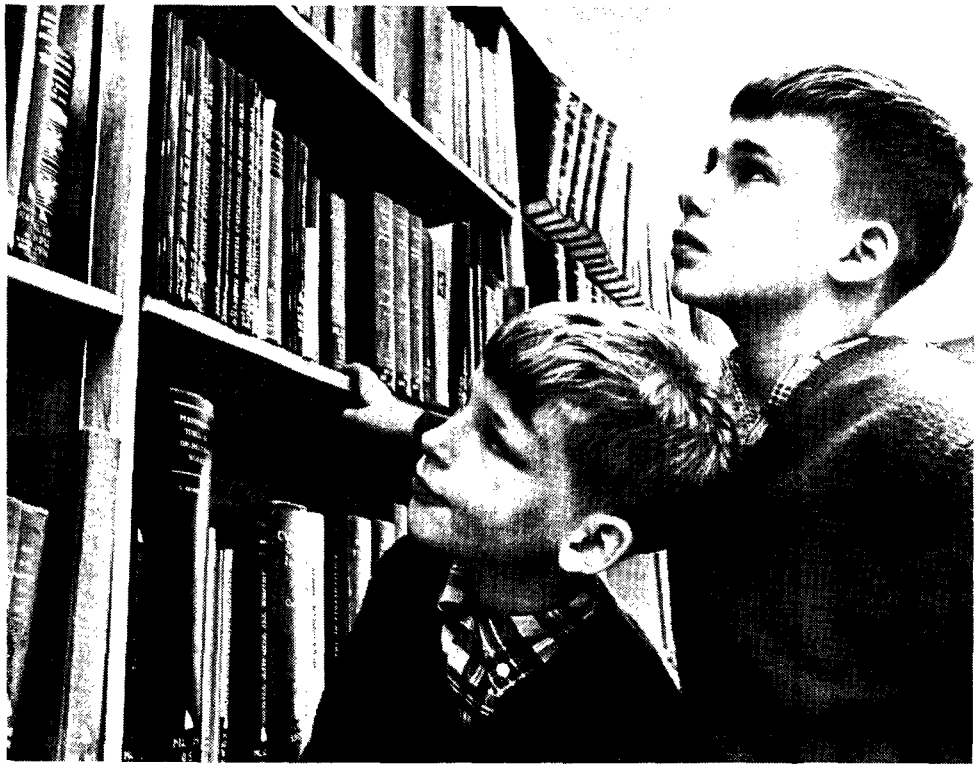
We can't afford to banish it. Geordon and Lauren —and the 11 million other Canadians under 25 years of age in 1977—will need it. They'll need it when they're ready for it, and they won't get it if they're pushed, or coerced by silly 'entrance requirements.'

So what do I hope will happen to our boys when they're of age to enter the university?

Well, if they want to learn how to earn a living, I hope they'll go elsewhere, that's what. A multiversity, or a circus, or a junkyard, or Lower Slobbovia to learn Slobbovanese. I hope they won't come to university unless, and until, they're bursting with that old nag of a question, "why?"

To which the answer is, I'm told, "why not?" □

by Deni Eagland



Geordon and Lauren Marchak visit the Library on their first tour of UBC.

Graduating in Debt

by NADINE ASANTE

ONCE IT WAS THE EXCEPTIONAL STUDENT who paid his own way through UBC. That was before the influx of World War Two veterans. Now it is an accepted part of our culture that a student should 'make it' on his own, or at the very least earn his own fees.

That total enrolment of 17,219 students at UBC in the last academic year comprised 11,082 men and 6,137 women students. How many of these students are financing their own education? What wages can students expect to earn during the summer? How large is the discrepancy between the earning capability of men and women students? How accessible are loans and how many students are borrowing? What constitutes eligibility for scholarships and bursaries.

To answer these and other questions pertinent to student finances I spoke to students at various levels of learning; to Alexander Shirran, for sixteen years head of the Office of Student Services, the 'on campus' employment agency; to Walter H. Gage, MA, LLD, Dean of Inter-Faculty and Student Affairs at UBC and now also Acting President; to Dean of Women Helen McCrae, BA, MSW; to W. L. Roberts, Vancouver chief of Canada Manpower, the one-year-old union of the former Federal Government Departments of Employment and Immigration; to various professors; to the Student Housing Office, and to others involved directly in student welfare.

A booklet of statistics compiled by the Office of Student Services substantiates that, given the opportunity, working is a way of student life. Estimated figures show that 86.6% of male undergraduate students and 83.8% of women undergrads were engaged in summer employment in 1966. The average time worked was just over 13 weeks, with male students in all undergraduate years averaging an income of $1114 during this period while the average income of female students for the same length of time was only $565.

Increases in 1965 summer earnings over the previous year were unfortunately not apparent during the summer of 1966. At time of writing the 1967 summer employment picture looks even less encouraging with an estimated 15% fewer jobs available for students and the UBC enrolment figures showing an increase of 1000 students over 1965.

Jobs are more difficult to obtain this year and the cost of living index rises steadily. Some students are more fortunate than others in the jobs they acquire and the pay they earn, but looking at an overall four-year academic period a male first-year student is able to average $721 during his first summer of employment, a figure he can gradually increase to $1200 in his fourth summer.

Girls, on the other hand, show approximate earnings of $300 during the first summer which they are lucky if they can double by the summer prior to graduation. Girls find jobs much more difficult to obtain than men. they are paid far less—even in the same job. While the proportion of women students to men has shown an increase from 29.6% of the student body in 1960-61, it is still only 34.4% in 1966-67. Could these relative enrolment figures be a reflection of earning power?

The survey, which included in its average the highest amounts earned by men and women, and assumed

Offerings limited as students look for summer employment.

by Deni Eagland

the amount of $1400 as the very low estimated figure for financing an academic session, resolved that only 30% of men and 2.4% of women students could possibly be considered self-supporting—and this was assuming also that the students made no expenditure during the summer months.

While Mr. Shirran of the Student Placement Office encourages students to find employment outside his jurisdiction if they can, his office still manages to place about 2500 students each year in summer jobs. In his 16 years of counselling and placing students in jobs, Mr. Shirran has seen an increasing number of companies employing university students during the summer months, but, says he, "The words I hear oftenest are, 'I have to find a job to pay off a loan,' or, 'I'm so much in debt I simply must have work.' "

Work for male students in hydro projects which in previous years was plentiful has fallen off perceptibly this year. One student blamed a stronger 'closed shop' policy on the part of unions.

Some faculties are able to give students a salable skill during the first year. Forestry, Engineering and Agriculture students, for instance, are usually snapped up for jobs by mid-April. By contrast, Arts, Education and Music students have very little but enthusiasm to offer an employer until after their graduation. It is these students who form the longest queue of job seekers.

Mr. Shirran's files show a fascinating variety of jobs offered students—cook for a survey party, lifeguard, chainman, accountant, psychological tester, orderlies for the General Hospital, fishing guide, laboratory assistants, warehousemen, candleman at a beeswax factory, storekeeper, janitor, saleswork of all kinds, factory and produce workers, labouring of all types, draughtsmen, resort industry workers, taxi drivers, bartenders, and a 'flood researcher' for a sediment survey party.

But that list also brings out the not-so-fascinating fact that the work available to women students was outnumbered at least 100-1 by jobs available to men. It was this that most likely prompted Mr. Shirran to say, "Women are society's most wasted commodity."

I asked Carol Gregorish, an 'A' level student, how she managed financially. Carol is a second-year Home Economics student who switched from Education. She told me that during the summer of 1965, her first working summer, she was employed for three months as a copy girl in an advertising agency at $225 a month. The next summer she worked for the same firm for four months, the first half of that period at $245 and the second half at $325, a total for the summer of over $1100. To this she added a $100 Provincial Government bursary. Because she has good grades, half her fees were also taken care of by the Provincial Government.

This year Carol is taking a cut in salary, to $210, to work in the diet kitchen of St. Paul's Hospital, for the very good reason, in her words, "If everyone has

the same amount of education, then experience is going to count after graduation." So Carol will have to apply for a scholarship again this year.

Living at home as she does takes care of the cost of room and board, but this is the only help Carol will accept from her parents. She has arranged her working hours this summer to allow her to take two hours of classes daily plus three labs at summer school to pick up Chemistry 230. The stomach ulcer she has developed in the past year most probably won't improve with this schedule, but Carol—who also finds time to make all her own clothes—insists on 'making it' on her own as much as possible.

Unexpected Costs

Carol is an outstanding student academically, but a very normal girl when she says, "I had no idea how much it would cost to go to university when I started out and there always seems to be something to spend money on—books, coffee, car pools, and if a girl has any social conscience at all she HAS to dress! Everyone at school is usually so down in the dumps anyway that if a girl hasn't got nice clothes she is really lost."

Carol's grades make her eligible for scholarships, but what of the less talented women students who want to obtain a degree?

Helen McCrae, Dean of Women, has contended for years that money, in the form of government and university scholarships, should be made much more easily available to girls.

"We're just not thinking clearly on this subject," she says. "Looking at the general life pattern, society stresses that more and more girls should come to university and it coincides with the time when the same society expects a girl to get married and have babies."

Dean McCrae recommends to girls that they should invest in their brains. "I tell girls not to be afraid to borrow. Once they graduate their wages will be commensurate with their education and loans can be easily repaid."

The Dean, however, has a hard time convincing women they should borrow because they are terrified of burdening a prospective husband with debt. "A girl will do almost anything rather than borrow—borrowing is always a last resort."

A reverse dowry of $3000 to $4000 isn't a bright prospect for a new husband—especially if he also has had to borrow his way through school.

While trying to encourage girls to take out loans, Dean McCrae is equally vigorous in discouraging girls from working for room and board. "Women students are competing in every way with men, for marks, scholarships and so on, and the amount of work necessary to get through school plus living in someone's home and fulfilling your obligations to your employer by working weekends, makes for a very sterile environment. I discourage it all I can. It means that a girl doesn't have time to enjoy other things which make university the full and rich experience it should be."

In Dean McCrae's summing up girls are not always as clear in their goals as men, they find it much harder to get employment, and society should accept the fact that women are handicapped in these ways and make monies available accordingly.

"Many, many women come back to university after they have married and raised a family, so investing in the education of women is in no sense a loss.

"A group sometimes overlooked is the increasing number of married women who return to university but who have children and can therefore take only a limited number of classes per day staggered over a period of years. This group, because they do not attend full time, are not eligible for government grants or loans and consequently suffer greater hardships than would be necessary if money were available to them." Society also suffers in discouraging such women.

Dean McCrae's argument lends credence to the truism, "Educate a man and you educate an individual; educate a woman and you educate a family."

So all right, a girl should borrow if necessary to obtain a degree. How easily available are loans, scholarships and bursaries?

Consider loans first. Dean Walter H. Gage, who has been involved in student affairs at UBC since 1940, says that more and more students are borrowing. The major lending source at the present time is the Canada Loan Fund under an Act passed in Parliament just three years ago. The individual participating provinces distribute this fund, and loans, with certain provisos, are available to any student of any age.

Federal Assistance

The applying student is screened by a provincial committee. If approved he takes a certificate of eligibility to any bank or credit union he chooses. His financial arrangements are then entirely with the bank or credit union and not with the university or provincial government. Maximum amount available to him from the Canada Loan Fund is $1000 per academic year up to a maximum of $5000. Rules decree that the loan be interest free until six months after the borrower ceases to be a full time student. Repayment begins at the end of this six month period at an interest rate governed by the Canada Loan Act. The repayment of a maximum $5000 loan can be spread over ten years if necessary.

Dean Gage, who dispensed over $6,900,000 to 9800 British Columbia students last year is the B.C. Authority, and so is responsible for the whole province. About 5500 UBC students received loans last

year in the amount of $3,900,000, an average of approximately $700 per loan.

Any student then who can prove need and who maintains average marks and qualifies as a Canadian citizen can borrow from the Canada Loan Fund. Loans are correlated with need whereas scholarships are intended for students with high scholastic standing. The Provincial Government Scholarships Plan also includes Grade 12 high school students who go on to university.

The B.C. education budget for 1967-68 is $235,760,000, and the amount allocated to scholarships has been doubled this year from $1,000,000 to $2,000,000.

How are the scholarships apportioned? Any student obtaining grades of 80% or better has three-quarters of his fees paid. The next 3500 students in scholastic standing have half their fees paid. The following 3500 students have one-third of their fees paid by the Provincial Government. This year it won't really matter how high the grades. Because only a stipulated amount of money is available, the determining factor will be the number of applicants in the second 3500.

Scholarships for High Standing

In general then, scholarships are intended for students with high scholastic standing or high standing combined with qualities of distinction or with special achievement, whereas bursaries are normally intended for these students who have good scholastic standing but who cannot continue their studies without financial assistance.

Fifty-two different scholarships are listed in the UBC "Entrance Scholarships and Bursaries" booklet, varying in amounts from $50 to $500 annually, and providing aid to several hundred students.

There are about 48 bursaries listed in the same booklet, ranging from $50 to $300 per academic year.

"I never turn down an offer, no matter how large or small," Dean Gage assured me. "It all helps."

"A government scholarships doesn't preclude a student applying for or winning any other award," Dean Gage said, "but I might not duplicate a $500 scholarship to a student if he didn't really need it. I try to make the dispersal of funds as fair as possible."

Bursaries can overlap scholarships, but Dean Gage thinks it doubtful if a student could ever obtain enough funds entirely through bursaries and scholarships to be completely financially independent for the duration of his university years.

Students living board-free at home should be able to cope with other expenses if they really apply themselves, but what of the out-of-town student? How does he fare, the lowest estimated cost of a school year exceeding $1400? (Dean Gage thinks the figure is closer to $1800.)

Fees, averaging about $450 a year, account for under a third of this amount. A single room, including three meals a day, in one of the new 'on campus' dormitories, costs $98 per month; a double room is $5 less. So, for on campus living, board and fees total approximately $1250 for an eight-month period. This leaves only $150 for clothes, books, dry cleaning, personal needs, carfare, entertainment and miscellany.

It's interesting to note that 10% of undergraduate students are married. The campus housing administration quoted prices for married quarters ranging from $40 to $90 for bachelor-through two-and three-bedroom accommodation in old Acadia Camp to a range of $110 for a one-bedroom apartment from the 1st to 6th floors of the new Acadia Towers Complex, increasing $1 per floor to the 12th floor. The clusters of new two-and three-bedroom homes in Acadia rent at $125 for the first and $140 for the second. A married student without a magician's degree couldn't possibly stay within the $1400 to $1800 estimated cost of an academic year. And rents are higher outside the gates.

Mr. W. L. Roberts of the Vancouver Manpower Office produced the happiest prognosis for the student finance situation when he said that the federal government has a huge summer employment project under way which will gain momentum in succeeding years.

Only six of the approximately 60 universities in Canada are without Manpower officials on campus, UBC being one. The number of government jobs available to university students has increased by a minimum of 50% in the past three years, and this is just a beginning. The Manpower Department alone has absorbed 300 graduates so far in 1967. Other government offices are realizing they need university trained personnel to cope with increasingly specialized public demand.

The day of the 'cog in the wheel' civil servant mentality has passed and women are just as important in the eyes of the government as men for available specialized positions.

Means Are Available

Dean Gage summarizes the student financial situation in these words: "Parents in the old days were inclined to expect to pay their child's way through school. Parents may have more now but they also live up to their income. Now there is more of a feeling that the government should provide the education. I'm sure there are still some students who don't get to university due to lack of financing, but certainly many, many fewer than fifteen years ago. I don't encourage a student to borrow; it is always easier to borrow than repay, but if he needs to borrow he can now usually get $1000 a year. Surely a student who really wants to graduate can earn the balance of the cost of a year at university." □

B. C.'s First Botanist —

John Davidson

Professor John Davidson

by DR. V. C. BRINK, BSA'34, MSA'36

JOHN DAVIDSON, EMERITUS PROFESSOR OF BOTANY, of the University of British Columbia, enters his 90th year in good health, with rich memories, and a lively interest still in UBC. A chat with him today at his home "Braeriach" on Vancouver's south slope is a privilege.

My memories of John Davidson go back a long way. It was in the autumn of 1927 that Arthur Sovereign, an ardent mountaineer who later became Bishop of Athabaska, persuaded a group of boys to listen to Professor Davidson of the then biology department of UBC deliver his 10th address as president of the Vancouver Natural History Society on the topic 'By their fruits ye shall know them.' This sententious title would not appeal today, but it was in character with the times and the Aberdonian burr of the speaker. The appeal to us boys came from the fine hand tinted slides and the reputation of the lecturer as one of the first small group to explore the fabled natural gardens of Black Tusk Meadows and the exciting region of Garibaldi Lake.

In our imagination, stimulated by stories of volcanism, of glaciation and unsurpassed mountain scenery, the Garibaldi region lay largely unexplored and beckoning just beyond the rim of the North Shore mountains. Around this time interest in designating the Garibaldi Lake area as provincial park had reached a climax. Members of the legislature, many organizations such as the B.C. Mountaineering Club and many leading citizens, such as Chris Spencer, Harold Graves, Dr. Fred C. Bell, Colonel (later General) W. W. Foster, J. Weart and T. Price, enthusiastically supported the concept. To a large extent credit for the creation of the park must go to John Davidson for his recognition and documentation of its unique features.

Invitations to take part in field trips were issued on the evening of Professor Davidson's 10th presidential address, and soon under his leadership some of us were exploring the land of British Columbia, its flora and associated natural features, from saltmarsh to mountain meadow. Roads were poor, trails were often dim and difficult, hikers were scarce and skiers scarcely existed.

Later as students at UBC in the early thirties we listened to the dreadful Davidson puns and to his fine distinctions between sage and sagebrush, earthworms and roundworms, between *Dalea* and *Dahlia*. Not until later, at graduate school, did some of us realize that the biological teaching at UBC which John Davidson shared with Andrew Hutchison, McLean Fraser, Frank Dickson, George Spencer and a few notable assistants was not surpassed in quality and content on this continent.

It might be said that John Davidson was the first person appointed 'for the University of British Columbia,' for he was invited, in 1911, by the provincial government to serve as 'provincial botanist.' In mind at the time was the creation of a provincial university and it was the government's intention that the new

botanist would serve a new university. Davidson's appointment predates those of the first Board of Governors and of President Wesbrook. His appointment to the University as 'instructor' in botany came in 1917.

John Davidson was born in 1878 in Aberdeen, Scotland and graduated from Gordon's College in that city. As botany assistant and later curator of the Botany Museum at the University of Aberdeen from 1893 to 1911 he gained an excellent background in plant classification and general biology. He could scarcely have been prepared however for the thin settlement, the large areas of terra incognita and the rugged terrain which were no minor obstacles in the way of botanical exploration of B.C. in 1911.

Exploration it was, for his botanical survey of Savory Island was made when it was in a primeval state; he was with the first party to follow Cypress Creek in West Vancouver to its source lake and to give Hollyburn Ridge in the same municipality its name. In 1912 with eight others he mapped and explored botanically the Garibaldi Lake area, and, without a shred of doubt, was one of the first human beings, not excluding Indians, to tread its heath and view its flower meadows.

Two years later he was eliciting information on plants used by the Indians of the Dry Interior for food, dyes, and for shelter, and giving the Indian names their scientific equivalents. This task, carried out with great care, took him to the headwaters of Botahnie (not a cognate of 'botany'), Skonkon and Twaal creeks in the lower Cariboo. An early, well-known ethnologist, Tait, who did much to record the language of the Interior Indian groups, aided him. In 1915 Davidson proceeded with botanical surveys of the Skagit and Tulameen river basins and covered much of the area we include today in Manning Park.

His appointment to the University in 1917 left him less time for botanical surveys. In the following years until his retirement in 1943 thousands of students 'had him' in biology and botany lectures and laboratories and some who recall his finely executed blackboard illustrations will regret the passing of this art in biological teaching.

Teaching responsibly, in Professor Davidson's mind, took the teacher out of the classroom. It is not surprising, therefore, that he was founder and, until 1937, president of the Vancouver Natural History Society, secretary of a youthful B.C. Academy of Science, onetime secretary and president of the Vancouver Institute and that he was also deeply interested and active in many other cultural organizations in our province. First, last and always, though, he was a botanist.

John Davidson's early association with botanical gardens in 'the old land,' his associations in later years as a UBC professor with Kew Gardens in England, and his appreciation of our favourable climate, led him to urge the establishment of a UBC botanical garden. His garden, developed at Colony Farm, 1912 to 1916, was the first strictly botanical garden in Canada. He was successful in having the garden transferred to the Point Grey campus. Today he continues to hope that the UBC botanical garden will blossom well staffed and with unalienable land.

Professor Davidson has three children, two of them graduates of UBC. His namesake is professor of botany at the University of Nebraska. A daughter, Jean, a fine botanist in her own right, is the wife of Dr. C. A. Arnold, professor of paleobotany at the University of Michigan, Ann Arbor. A second daughter, Flora (Mrs. Douglas Bell), lives in Luseland, Saskatchewan.

This brief account of Professor Davidson's life and work might well conclude with a quotation from Darwin's 'Journal during the voyage of the H.M.S. Beagle round the world'—"Our Voyage having come to an end, I will take a short retrospect of the advantages and disadvantages, the pains and the pleasures of our circumnavigation of the world. If a person asked my advice, before undertaking a long voyage, my answer would depend upon his possessing a decided taste for some branch of knowledge, which could by this means be advanced.—It is necessary to look forward to a harvest, however distant that may be, when some fruit will be reaped, some good effected." The voyage began in Scotland in 1878 when John Davidson was born; to B.C. belongs the rich harvest. □

Looking across the Aquatic Garden toward the Arboretum.

Students and/et Les Étudiants

University student exchange

by HELEN STUART, Education III

CAN ONE HUNDRED EDUCATION STUDENTS gathered together from all parts of Canada and including French-language students get along with one another? We entered on the experiment determined that we would—and found that it was a decision very easily carried out.

The great experiment took place last February. It was an exchange program among Canadian education students brought about largely through co-operation of the university faculties. In our case the key men were Professor Frank Hardwick UBC, and Professor Boulianne, Saint Joseph Teacher Training College, Montreal.

From January 29 until February 11 of this year nine UBC Faculty of Education students and Professor Hardwick, along with education students—nine each—from the University of Calgary, the University of Saskatchewan, Memorial University, and Dalhousie University took part in an exchange program with Saint Joseph Teacher Training College in Montreal. A grant from the Canadian Centennial Commission supported the project.

Groups of nine Montrealers flew to the universities mentioned above to spend a week in the homes of chosen exchange students. A week later all one hundred of us converged on Montreal, and that was how we met people from one coast of Canada to the other. This being able to spend two weeks with our visitors was most fortunate for through it we really got to know each other and discuss our views freely. During that fortnight we attended lectures, visited points of interest, and had fun.

In planning for the Montrealers' visit to B.C. we delved through all possibilities of things to show them —things quite different from Montreal. As ideas came in at meetings enthusiasm and excitement peaked. Thanks to the help of local centennial committees, organizations, and private funds we were able to realize most of our dreams. A luncheon given in our UBC Faculty Club by Dean Scarfe added great prestige to the first day of the visit. No less dignified were a tour of the legislative buildings, luncheon at the Empress Hotel, and an evening at the Queen Elizabeth Theatre listening to our Vancouver Symphony Orchestra.

An unforgettable highlight of the week in Vancouver was a tour of the Vancouver Art Gallery conducted by British Columbia's noted painter, Gordon Smith. As another treat Mr. and Mrs. Smith entertained all nineteen of us to lunch at their Marine Drive home.

On our agenda we included visits which helped us see just what makes our province tick—things like a tour of the B.C. Hydro building, an excursion around Vancouver Harbour past cement plants, grain elevators, oil refineries, great freighters, pulp and paper plants. As inevitably happens we British Columbia students learned quite a bit ourselves.

Mixed in with all this were lectures and school visits. The Montreal students were much impressed with the range of subjects taught in B.C. schools and universities and with the various avenues a student may enter here.

A sampling of our environment wouldn't have been complete, of course, without including our favourite Vancouver haunts which our professor sagaciously let us decide on ourselves. We took in places like the Johann Strauss, Chinese restaurants, Stanley Park, and the Grouse Nest. The Montrealers left here with very firm intentions to return to Beautiful B.C.

Not to be outdone in hospitality the Montreal students gave us a very wonderful week of events. We

were conducted through freezing temperatures in a warm bus around Montreal past historic landmarks to the Expo '67 grounds. We took a day trip to our nation's capital where we attended a question period in parliament. This is something no Canadian should miss. Sitting in the gallery in the House of Commons we felt a new pride in Canada's past and present, and discovered ourselves immensely optimistic about our future.

We experienced, too, something typically French —the Crepe Bretonne restaurant, which a group of us entered amidst steam and cold air one lunch hour to try our tongues at speaking French to the waitress.

Bilingual-Bicultural Problems

Something very noticeable in Montreal is the throbbing industrial and commercial life exemplified in the impressive Place Ville Marie building. We students were even honoured by speeches and discussion led by controversial speakers on the bilingual-bicultural problems we face.

By the end of the fortnight most of us regretted that our trip was over, but felt that everything had been a great success. This was due to several factors. Having students stay with us and we with them, working and relaxing with each other in both exchanging provinces, enabled us to get to know the groups well. Also, our supervisors didn't try to force things. They let our friendships grow on their own, and let us do many things on our own, where we could come to a more honest understanding. We didn't have to put on an act, but could be ourselves—not British Columbians, not Quebecois.

From this exchange we learned—what a lot we learned! With eighteen pairs of eyes our group didn't miss much, and we all gained new outlooks on things with which we had imagined ourselves very familiar. Perhaps we all grow too used to things we live with and need an outsider to make us more observant. Prejudices and false concepts didn't last very long. One Montrealer remarked, jokingly of course, "But I heard everyone had oil wells in their back yards in B.C.!" This remark was made deliberately, but I think most people tend to form tidy little pictures of what something is like when they don't know the truth. Two of the French-language students from another Montreal college were a bit reserved when we first arrived, but through talking together we finally got through to each other that we were Canadians first before being French or English or anything else.

This free, honest talk among ourselves, free of the fear of 'letting our side down,' of the strange, false pride that we have in things really no better than the other fellow's, I think was most important. Besides, if one of a group said something rather pompous, another would, all in good humour, correct the situation.

I think this honesty and freedom came also from knowing that we were talking to friends who would go out of their way to understand what was meant. We knew we weren't just talking to win a point, but to come to a clear understanding. We had more respect for each other's opinions because we had experienced, through this exchange program, many of the things which influenced the thoughts behind the opinions. One had a feeling that here was a real person talking, not a generalized stereotype with parroted questions and answers. Also, as friends, we all felt more committed to find the truth.

Finally, we knew that what we said represented exactly what we were. There was no 'general concept' to back us up, just experience. Of course eighteen people, let alone one hundred, couldn't agree on everything, but even in disagreement there were enough ideas to work out a common ground. Best of all, there was a great willingness to find that common ground.

I found common ground between Montreal and Vancouver in that people, families, carried on their daily lives in much the same way. I remember one particular moment spinning into Montreal in a bus one frosty morning. The people in front of me were reading the newspaper, chatting about the weekend, car trouble, work, solving political and world problems, all in 45 minutes. I closed my eyes and saw our B.C. Hydro buses filled with early morning workers talking of the same things.

Close Friendships

The major gain for me from this exchange was the realization that reading books and papers can only be a start towards understanding, that really learning about people is making friends, living among them, sharing the experiences of their daily lives to see what determines their thinking. The important fact about this exchange was that it enabled all hundred of us to do just this. Because we had made such close friendships, the understanding went even further. We lived not as a French-Canadian would or as an English-Canadian would, but as the individual we knew would. Of course we found that there are some real problems—both in Quebec and British Columbia—but they will be best solved by co-operation rather than by one side accusing the other.

Now I know that the more we Canadians emerge from little rooms of suspicion, false pride and fallacy, open our eyes and try to know our fellow countrymen as human beings, not stereotypes, try working together while respecting each other's beliefs, the happier we will be. Useful knowledge for a prospective teacher. It isn't possible for one of us who participated in this exchange to go along with such generalizations as "They are all trouble makers." Two different cultures need not form an impregnable barrier, not if there is mutual respect and understanding. Through exchanges such as ours this respect and understanding is possible. □

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More From More

AAG 1967 Heading For New Records

John Williams, BCom'58

Benefitting from the past and present efforts of Alumni Annual Giving volunteers, and the increasing generosity of UBC alumni, your 1967 campaign is 40% ahead of 1966 and heading towards its target of $200,000 from alumni funds.

A key factor in the 1967 campaign is the strong initial response to Alumni Annual Giving's new, improved, initial mailing at our campaign year opening April 1, 1967. Another is Vice-Chairman Martin Chess's "Class Agent" programme in which seven faculties participated — Engineering, Commerce, Law, Agriculture, Forestry, Medicine and Nursing. This is proving a most effective follow-up to the initial mailing.

Results to August 14, 1967 compared to the same day in 1966 are:

1967	Total Donors	3,332
	Total Returns	$105,216.95
1966	Total Donors	2,081
	Total Returns	$70,273.19

Performance-wise the 3,332 gifts for this year show that:

Gave same	40%
Gave more	16%
Gave less	13%
New donors	31%
	100%

The significance of the increased and renewed alumni support for Alumni Annual Giving goes beyond the monetary element. We believe this is an extremely healthy reaction and a positive vote of support for UBC to continue striving for academic excellence as Canada's third largest university. A strong collective display by graduates has tremendous influence on many other areas from which UBC receives its funds.

Free Funds for UBC's Extra Needs

Our appeal is based on raising as much "free funds" as possible so that the vital extras can be provided for UBC. By assuming responsibility for the success of Alumni Annual Giving, UBC alumni can take part in a practical manner in their University's development, and can help repay their feelings of gratitude and indebtedness. The money is used effectively, wisely, and with strict attention to priorities for the areas of greatest need. 1966 Alumni Annual Giving Funds were distributed as follows:

N. A. M. MacKenzie Alumni Scholarships	$ 16,800.00
N. A. M. MacKenzie American Alumni Scholarships	2,500.00
President's Alumni Fund	8,000.00
Three Universities Capital Fund (cash)	6,720.00
UBC Rugby Tour	6,049.00
Library	4,393.00
Alumni Graduate Scholarship	3,000.00
Athletics	2,645.00
UBC Rowing Crew	2,520.00
Marjorie J. Smith Memorial Fund	1,655.00
University Nurses' Scholarship	1,187.00
Canadian University Service Overseas	1,021.00
History of Medicine Project	1,000.00
Student Union Building	1,000.00
J. W. Hartley Bursary Fund	1,000.00
Faculty of Medicine	995.00
Faculty of Agriculture	935.00
Sherwood Lett Memorial Fund	694.00
Department of Geology	505.00
AMS Home for Indian Girls	500.00
Miscellaneous less than $500.00 each	9,288.00
Three Universities Capital Fund (pledges)	47,955.00
	$122,365.00
Other gifts	19,821.00
	$140,186.00

Just Less Than Halfway To Go!

At the mid-point in the 1967 Alumni Annual Giving campaign, UBC graduates are to be thanked and congratulated for their increased support. We are, however, just slightly in excess of 50% of our target. To provide those vital extras for UBC, Alumni Annual Giving must continue in its present trend. Your donation is greatly needed and appreciated by the Students, Faculty and Administration.

Please support Alumni Annual Giving—1967!

John Williams, BCom'58,
Chairman, AAG Committee

there's more to CGE than most folks see...

For instance, even as you scan this message, research and development teams serving our 22 CGE plants are seeking, not only to improve our existing products but are exploring many fields of potential promise. Some of these areas of interest are as dissimilar as chemical and metallurgical, hydraulics and electronics, heat transfer and aerodynamics to mention just a few.

Why such diversification? Because at Canadian General Electric we believe in making major risk investments in product fields that show future promise. These investments are based on the conviction that leadership in industry is achieved by innovation in the development and application of new products and technology more than by merely attempting to get a larger share of the market for existing products . . . and why you are sure of more of the best now, and in the future.

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Elizabeth B. Norcross, BA'56
Editor, UBC Alumni Chronicle

Listen in with the editor

THE SUMMER DOLDRUMS has had no meaning this year for the executive committee of the Board of Management. The first week of July saw the beginning of an active summer when a strong contingent of our people took advantage of the annual American Alumni Council Conference being held in San Francisco and went down there for the sessions. Volunteers who attended were Stan Evans (vice-president), David Helliwell (treasurer), Barry Lindsay (homecoming chairman), Sholto Hebenton (university government committee), and John Williams (AAG chairman).

Staffers attending were Ian (Scotty) Malcolm (AAG director) and Barbara Vitols (programs director). I attended a publishing institute held immediately prior to the main conference.

All that intensive education in alumni organization provided a good basis for reconsideration of our own Association's objectives and a revamping of its programs. That's what all the meetings have been about this summer and there'll be something concrete to report before too long.

The Young Alumni Club

The Young Alumni Club met regularly in Cecil Green Park on Friday afternoons all through the summer. The purpose of this club is to generate and retain interest in the University among younger alumni. The organizers feel that this group can serve UBC even though at the moment they are not in a position to make a financial commitment. Meetings are open to all alumni and to students in their graduating year. Come the fall there will be a series of 'Faculty Nights' when club members will have an opportunity to meet deans and professors and to discuss latest developments in their respective fields.

Bill MacDonald (Law '66) is the president and the membership chairman is John Richards (Commerce '67). Anything else you'd like to know? Just call the Alumni office, 228-3313.

The last Board of Management meeting, held on June 8, heard committee reports which indicated a good deal of solid work accomplished in a number of areas. Plans for Homecoming Week were well advanced. Note that word 'week.' While Saturday, October 28, will be the big day, there will be something going on Monday through Saturday, events designed to appeal to the varied alumni and alumnae interests.

The university government committee, after holding some 40 meetings, studying all available reports on university government and interviewing many knowledgeable people, has come up with a report of some 70 pages of its own, not quite finalized at time of this writing.

Looking well into the future, there's a committee now working on an Alumni Conference for the spring of 1968. They plan this to follow the concept of the 'B.C. '76' Conference of last year. The idea is that these conferences shall be held biannually.

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News around the campus

HERE IS THIS YEAR'S ROUND-UP of major scholarships awarded to UBC graduates by a number of different organizations.

The Canada Council has announced several doctoral fellowship awards for 1967-68 to UBC Alumni. The candidates are: **Jack Horn,** BA'64, fine arts, Yale University; **Janice Hickman,** BA'64, now Mrs. John Sargent, French, Harvard University; **Harry S. Swain,** BA'64, geography, University of Minnesota; **Robin Lake,** BA '64, speech and drama, Stanford University; **James W. Maxwell,** BA'59, MA'64, geography, University of Minnesota.

The H. R. MacMillan Family Fellowship, a grant of $3,200, has been awarded to **Seymour Mayne,** MA'66. He will be working for his doctorate at UBC in English language and literature.

Dennis Sutherland, BCom'67, has been awarded a $2,500 MacKenzie King Travelling Fellowship. He will study for his master's degree in business administration at Columbia University.

John J. Emery BSc'66, has been awarded a Shell Canada Centennial Fellowship for graduate work in civil engineering. Mr. Emery is one of five Canadian post-graduate students to receive a Shell Fellowship, each of which is worth $4,500 annually.

This year four UBC Alumni have benefited by a new high level of National Research Council scholarships which has recently been established. These scholarships provide $5,000 annually for three years, plus fees and travel expenses while the students are working for doctorates in science and engineering. The four UBC men to receive the scholarships are: **Russell J. Boyd,** BSc'67, **Dale B. C. Cherchas,** BASc'67, **Ingar Olav Moen,** BSc'67, **Arthur R. Warburton,** BA'67.

An $11,000 grant has been made by the National Research Council to **Dr. D. S. Sahri,** MSc'62, PhD'66, for research in magnetic solids.

Charles Livingstone, BSc'65, has been awarded a $3,000 N.R.C. scholarship for doctoral work at Western University. **Jonathon E. Slater,** BASc'64, has also received a $3,000 N.R.C. award.

Richard E. B. Simeon, BA'64, is winner of a Woodrow Wilson Dissertation Fellowship. He will be doing full-time research for his doctoral thesis in political science at Yale University.

There have been Woodrow Wilson Fellowships awarded to eight other UBC Alumni who plan university teaching careers. They provide a $2,000 living stipend and payment of all tuition and fees for the first year of graduate studies. The winners are: **John R. Butterfield,** BA'67, history, **Omar O. Bolli,** BA'67, political science, **John B. Kervin,** BA'67, sociology, **Michael D. Kliffer,** BA'67, Romance Studies. **Dennis L. Krebs,** BA'67, psychology, **Patricia L. M. Kennedy,** BA'67, history, **Gary H. Pyne,** BA'67, anthropology.

John L. Scadding, BCom'63, has received a Ford Foundation dissertation fellowship. He receives $2,500 plus tuition and research expenses for work at the University of Chicago on the role of the commercial banking system in capital formation.

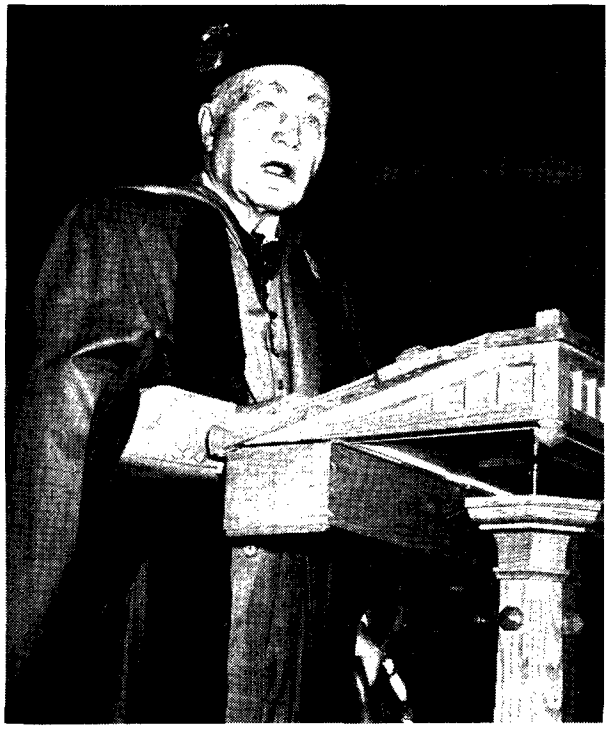
Michael B. Walbank, MA'65, has won the James Rignall Wheeler Fellowship of $3,000. He will use the grant to study at the American School of Classical Studies in Athens.

Dr. George Szasz, MD'55, assistant professor of preventive medicine at UBC is the first Canadian medical educator to be awarded a faculty fellowship by the Milbank Memorial Fund of New York. The fellowship valued at $40,000 is tenable over the next five years, and will allow Dr. Szasz to undertake advanced training in the social sciences as applied to health and medicine.

What's In It For Me, They Keep Asking

IT'S A QUESTION which may not be viable (viable . . . a good IN word this week) as a complete philosophy for living, but it has its uses, not always entirely crass. For instance, when people subscribe to and read a newspaper they quite rightly do so because it provides something for THEM, each and every one. Until computers start turning out people, people will continue to differ from each other in tastes and attitudes in a most disorderly and human way and The Sun will keep right on being a paper in which as many as possible find what they want.

SEE IT IN THE SUN



Dr. H. R. MacMillan

Forestry-Agriculture Complex

ON JUNE 14, Dr. H. R. MacMillan unveiled a plaque commemorating the official opening of the new forestry-agriculture complex which bears his name. Dr. MacMillan was the first Chief Forester of British Columbia and is a friend and benefactor of UBC.

The Honorable Ray G. Williston, Minister of Lands, Forests, and Water Resources, gave the official opening address, in which he said that the union of the faculties would help both industries advance in harmony rather than in conflict over land use. The building will house Canada's first joint resource-industry study program. Dr. Joseph Gardner, Dean of Forestry, noted that this will enable students to gain exposure to specialists in both fields and so develop a broader viewpoint.

Some of the remarkable achievements of the Faculty of Agriculture were outlined by Dean Blythe A. Eagles. He followed this with the prediction that "In these surroundings we can look forward to a new surge of energy in both the research and academic fields."

The three story court-yard style complex of the H. R. MacMillan Building was designed to encourage maximum academic and social mingling between students in both fields. There are facilities for 550 undergraduates, 120 graduate students and 46 faculty.

Each faculty has a separate wing for its offices and laboratories with a connecting wing containing student study and common room facilities, lecture theatres and lecture-laboratory rooms. These are under joint supervision and control, as is the 40,000 volume science library on the third floor.

UBC Hosts CUS Seminar

FROM AUGUST 20th to 30th the Lower Mall Residence complex was the site of the Tenth Annual Seminar of the Canadian Union of Students. Approximately 150 delegates from 40 universities in Canada participated in the conference.

The purpose of the seminar is to consider, in an academic atmosphere, subjects which are pertinent to the student and the academic community. This year's topic was "Academic Change".

The co-ordinators of UBC's new Arts 1 program, Dr. G. E. McGuigan and Dr. Ian Ross, were among the faculty guests from across the country. This seminar was the result of a successful bid made two years ago by the then President of the Alma Mater Society, Mr. Byron Hender, for UBC and Simon Fraser University, to act as joint hosts in the Centennial year.

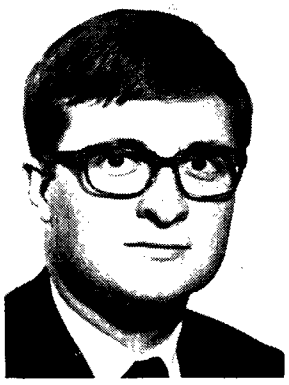
Recent Appointments

TWO NEW DEANS and a new director of information services are among the recent appointments at UBC.

The Faculty of Agricultture will be headed by Dr. Michael Shaw, succeeding Dean Blythe Eagles who retired as dean on June 30. Dr. Shaw, who took his BSc with first-class honours in botany and his MSc and PhD in botany and plant pathology at McGill University, has been with the University of Saskatchewan since 1950. In 1961 he was appointed professor and head of the department of biology there. His principal research interest for the last 14 years has been the physiology and biochemistry of the rusts which infect cereal crops.

Dr. Bernard E. Riedel, professor of pharmacy and executive assistant to the Vice-president of the University of Alberta, has been named to succeed Dr. A. Whitney Matthews as Dean of Pharmacy. Dr. Matthews retired on June 30. Dr. Riedel obtained his BSc from the University of Alberta in 1943, and after spending three years in the Royal Canadian Air Force returned to the university for his masters. He was awarded his PhD in 1953 from the University of Western Ontario. Following this he was appointed assistant professor of pharmacy at Edmonton, and in 1959, full professor. For the past six years Dr. Riedel has been executive assistant to the Vice-president of the University. He has been engaged in active research into the effect of various drugs on muscle tissue, the production of hormones in animals and on the use of radioactive isotopes.

Mr. T. A. Myers, former *Vancouver Sun* reporter, has been appointed Director of Information Services at UBC. Mr. Myers has had more than 20 years experience with five Canadian daily newspapers. He is best known for his work as medical reporter for *The Sun* over the last several years.



James Taylor
Sherwood Lett
Scholarship Winner

JAMES P. TAYLOR, a third year law student, has been awarded the second Sherwood Lett Memorial Scholarship. The scholarship of $1,500 is given annually to a student who reflects Mr. Lett's personal qualities—high scholastic and literary achievements, physical vigour, moral force of character and ability to serve, teach and work with others.

Mr. Taylor was chairman of the 1967 Open House committee and has been a member of successful McGowan Cup debating teams. In February he was selected as one of the four top debators in the Centennial Debates at Waterloo, Ontario. He has served as a research and editorial assistant for Faculty of Law professors and was this year named to Sigma Tau Chi, the men's honorary fraternity at UBC.

His future plans include graduate work in law and then either private practice or a career with the federal department of External Affairs.

At Home on the Campus

UBC-trained bacteriologists staff the Dairyland laboratory; UBC's Faculty of Agriculture has worked in close cooperation with Dairyland for many years.

Dairyland is proud of this long and happy association with the University of British Columbia.

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Touring the garden, L to R—Paul Whitley, Mrs. Buck, Prof. King, Mrs. Gunning, Mrs. Pickell, Jimmie Herd, Dr. Imlah.

'22 Reunion

"THROUGH THE MELLOWING OF THE YEARS," writes Les McLennan, BA '22, "classmates were often indistinguishable from faculty members."

He was referring, of course, to the Class of '22 reunion held on July 26 last at the home of Dean and Mrs. Blythe Eagles. There were eighty-one persons at that gathering, classmates, a goodly sprinkling of their old professors, Chancellor Buchanan and Mrs. J. M. (Beverley) Lecky, president of the Alumni Association. There were letters of regret, too, among them letters from Her Excellency Mrs. Roland Michener (née Norah Willis), Dr. and Mrs. Klinck, Dr. and Mrs. Mack Eastman, Prof. and Mrs. J. M. Turnbull. All three of UBC's original faculties —Arts, Agriculture and Applied Science—had representatives at the reunion.

Dr. and Mrs. Lionel Stevenson took honours for having come specifically for the party from the greatest distance (North Carolina), with Dr. and Mrs. Bert Imlah close seconds (Boston).

The party, which began at 2:30 in the afternoon, went on through the supper hour—and what a buffet that was, from Master Chef Eagles' B.C. salmon and all the various side dishes, including home-baked bread by Mrs. Lanning, to the fresh strawberries contributed by Ernie and Louise Clarke (unable to be personally present)—until well into the evening.

While the younger generations of alumni who knew not Joseph may refer to UBC's Fairview days with pity, those days are recalled with affection and pride by the Class of '22. Out of that affectionate remembrance arose a unanimous decision to take some steps towards commemorating in tangible form the happy ties with the Fairview campus. The possibility of working on a joint basis with the other Fairview classes was raised, and Dean Blythe Eagles was named chairman of a committee to explore the idea further, with Paul Whitley, Orson Banfield, Martha McLeod and Marjorie Agnew as members.

Cora and Lester McLennan.

CUSO

UBC HAS ALWAYS SUPPORTED the Canadian University Service Overseas program, financially and, more important, by participation. This year is no exception. Twenty-seven graduates from a variety of fields will be going to work in the underdeveloped countries that will be able to use their skills and knowledge. The group which will leave in September 1967, consists of:—

Janet Alexander, BA'66, educ.'67, teacher, Trinidad.

Mary Jean Atkinson, BSc'64, Pharmacy'66-67, teacher, Trinidad.

Barbara-Ann Baker, BEd'67, teacher, Jamaica.

Sandra Boyd, BA'66, teacher, Sierra Leone.

Mr. and Mrs. Gary Bradley (Jean BA'65), teachers, Kenya.

Marjan English, EA Certificate'67, teacher, Malaysia.

Duncan Etches, BSc'67, teacher, Ethiopia.

Peter Gelin, BA'67, teacher, Trinidad.

Dianne Hing, BEd'67, teacher, Ghana.

L. Blair Humphrey, BSc'65, MSc'67, teacher, Trinidad.

Chef Dean Eagles serves, R to L—Dean Gunning, Mrs. Imlah, Dr. Imlah, Howell Harris.

Vincent Iannacone, BA'67, teacher, Guyana.

William Irwin, BEd'67, teacher, Guyana.

David G. King, BSc'64, MSc'67, wildlife management or teaching, Kenya.

Frederick Loewen, MSc'67, teacher, Tanzania.

Donald Morrison, BA'67, teacher, Tanzania.

Dorothy Partridge, two years educ., teacher, Jamaica.

Evanthea Razis, BA'66, educ.'67, teacher, Malawi.

Torsten Schmid, BA'67, teacher, Uganda.

Thomas Simpson, BCom'67, travelling auditor, Kenya.

Ann Stephenson, BA'66, educ.'67, teacher, Thailand.

Gary Stewart, BA'67, teacher, Uganda.

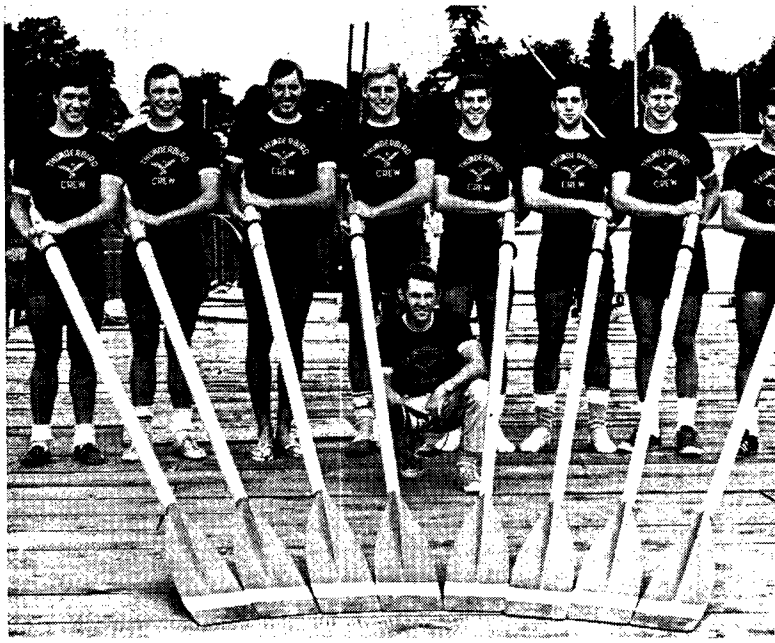
Michael Wicks, BSA'67, teacher, Malaysia.

Reuben Wiens, BSP'67, pharmacist, Nigeria.

Christopher Williams, BASc'67, teacher, Nigeria.

Brian and Wendy Marson, BA'62, MA'64. MA'64 (née Dobson, BSN'63), are also working for CUSO. They left in January, 1967, for New Delhi, India where Brian is co-ordinator of the 55 CUSO teachers, nurses and agriculturalists serving in India. Wendy is Northern Regional Director for the voluntary family planning project set up by the Christian Medical Association of India.

The best wishes of all Alumni go with these young graduates. □



UBC Rowing Eights—Cox, Herb Crawley; left to right, Stroke, Brian McDaniel, Eric McAuity, John Richards, Claus Svorgen, Bill Chapman, Fred Chapman, Brian Johnson, Bruce Noble.

Rowing Crew

THEY MADE IT TO THE PAN AMERICAN GAMES in Winnipeg, our green young UBC rowing eight, and then they won a silver medal for Canada, losing to Harvard by two boat lengths.

With the gold medal as their 1967 goal the UBC rowing crews had moved into a high-geared training program in early May. Coach Waynne Pretty and Assistant Coach John Cartmel started intensified training of twenty student oarsmen on May 6 at the Crystal Waters Resort on Kalamalka Lake. Former UBC rowing coach Frank Read accompanied the contingent to the Okanagan.

The UBC crews were housed at the Okanagan Athletic Camp near Winfield and most of the rowers found summer employment in the Vernon area. Their days followed a routine of early morning rowing, of an eight-hour bread-and-butter job, more rowing in the evening—and bed. Then came the Pan Am trials in St. Catherine's when our eight won the right to represent Canada at Winnipeg.

Former UBC crews have done well at previous Pan American Games. In 1939 at Chicago they won a silver medal in the 8's, losing a close race to the United States, and in 1963 at Sao Paulo, Brazil, they won a gold medal in the 8's. This year's crew is not of exceptionally large physique as compared with previous years, but style, technique and determination paid off in the winning of that 1967 silver medal. We congratulate them.

Dean H. C. Gunning, BASc'23

What's new with alumni

FIVE UBC ALUMNI have had the honor of being among the first nominees to the newly created Order of Canada. The Order, whose motto is "Desiderantes Meliorem Patriam", meaning "They desire a better country", provides the Canadian government with a method of recognition for outstanding merit and gallantry by Canadians.

The UBC Alumni who have become members of the Order are: **Dr. Brock Chisholm,** DSc'54, former director of the World Health Organization; **Lt.-Gov. Maj.-Gen. George R. Pearkes,** VC, LLD '44, British Columbia's twentieth lieutenant governor and a former national defence minister; **Norman A. Robertson,** BA '23, LLD'45, a Rhodes scholar, former High Commissioner to Great Britain and ambassador to Washington. He is currently professor of International Affairs at Carleton University and a special consultant to the Government; **L. Dana Wilgress,** LLD'53, first Canadian ambassador to Moscow, former High Commissioner to Great Britain. In 1952 he became Undersecretary for Foreign Affairs.

The Medal of Service was awarded to **Mrs. Frank M. Ross,** BA'25, MA'27, LLD '45, former Chancellor of UBC, who was during the Second World War a chief research economist for the federal government.

1920's

Dr. Arthur Lionel Stevenson, BA'22, MA(Tor.), PhD(Calif.), BLitt(Oxon.), accompanied by Mrs. Stevenson, visited the offices of the *Chronicle* in July, the first time that they had been on campus in 13 years. Dr. Stevenson is a noted authority on English literature, especially the Victorian novel. As he says, "I'm always working on a book"—and this year is no exception. Between 1964 and 1967 Dr. Stevenson has been chairman of the department of English at Duke University. For the 1967-68 academic year he will be Berg Visiting Professor at New York University.

Dr. Henry C. Gunning, BASc'23, PhD (MIT), in recognition of his outstanding contribution to the mining industry of Canada and his service at a geologist with the Geological Survey of Canada, for his contribution as a teacher and his service to the profession, has been awarded the Canadian Institute of Mining and Metallurgy Medal for distinguished service for 1966. Dr. Gunning was a professor and head of the geography department at UBC and in 1953 became head of the Applied Science Faculty.

An honorary degree of Doctor of Laws has been conferred by the University of Victoria on **Norman A. Robertson,** BA'23, LLD'45, Director of the School of International Affairs at Carleton University and former Under Secretary of State for External Affairs.

Dr. Phyllis G. Ross, BA'25, LLD'45, CBE, MA, former Chancellor of UBC was honored on June 6, 1967, by being named the "Woman of the Century, 1867-1967". This was a Centennial Award of the National Council of Jewish Women of Canada for the province of British Columbia.

Grace Ryall, BA'29, (now Mrs. G. C. D'Arcy) is transferring from her position as Director of the Library Service Centre for the Qualicum School District to that of Supervisor of School Libraries in the Department of Education in the province of Manitoba.

Herbert J. Barratt, BASc'31

1930's

Herbert John Barratt, BASc'31, one of Vancouver's leading consulting engineers has been elected to the Engineering Institute of Canada. This distinction has been given to Mr. Barratt in recognition of his contribution to the development of engineering in this country.

Dr. Patrick D. McTaggart-Cowan, MBE, BA'33, DSc'61, President of Simon Fraser University, has been elected a Fellow of the American Geophysical Union. This honor is bestowed on scientists who have attained acknowledged eminence in some branch of geophysics. Dr. McTaggart-Cowan was Director of the Meteorological Service of Canada before joining Simon Fraser University and continues to make important contributions to his areas of scientific interest.

Dr. Patrick D. McTaggart-Cowan, MBE, BA'33, DSo'61

George H. Nelson, BA'35, BEd'47, has been appointed to the position of District Superintendent of Schools for Coquitlam. He has held the same position in the Salmon Arm and Enderby school districts for the last six years.

The Eye Service Department of the British Columbia-Yukon Division, Canadian National Institute for the Blind is being expanded with the appointment of **Eileen Martha Davies** (now Sumner), BSN'35 as supervisor of the department. In this position Mrs. Sumner hopes to extend the Prevention of Blindness program throughout the community. She is also responsible for the B.C. division of the Eye Bank of Canada.

After 12 years as the Coquitlam District Superintendent of Schools, **R. B. Stibbs,** BA'37, is retiring, effective August 31, 1967. Mr. Stibbs has taught in secondary and elementary schools throughout the province and served as school inspector in Prince George, Salmon Arm and Revelstoke before coming to Coquitlam.

Dr. Paul C. Trussell, BSA'38, director of the British Columbia Research Council, recently headed a United Nations survey to determine the technological needs of Malaysia, Thailand, and Taiwan.

'41-'43

Thomas E. Bennett, BA'41, director of elementary instruction for Nanaimo School District retired in June after 39 years in the field of education.

Ormond W. Dier, BA'41, has been transferred from his position as ambassador to Colombia and Ecuador to that of Senior Canadian representative on the International Control Commission in Viet Nam.

A noted scientist from Oregon State University, **Dr. Campbell Graham Gilmour,** BSc'41, MSc'45, PhD (U. of Wis.), has been appointed professor of botany, professor of molecular and genetic biology and director of the Institute of Environmental Biological Research at the University of Utah.

James E. Purdy, BA'41, has been named to the newly created position of Manager of Marketing Services for H. Corby Distillery Ltd. He will co-ordinate all marketing administration of the Corby group of companies.

Dr. J. Alan Thomas, BA'42, former assistant director has been appointed Director of the Midwest Administration Center at the University of Chicago. He will also be chairman of the Special Field of Education Administration in the university's Department of Education. The Midwest Administration Centre is a research, training and service agency in education administration which was originally financed by the Kellogg Foundation in 1950.

The British Columbia Forest Service has appointed **Eric W. Robinson,** BCom'43, BSF'44, as forester-in-charge of the department's reforestation division in Victoria.

Donald G. Ivey, BA'44, MA'46

'44-'46

"A Soupcon of Science" was the topic when **Donald G. Ivey,** BA'44, MA'46, principal of New College, University of Toronto, opened Education Week at UBC in March, addressing the Vancouver Institute.

Dr. Basil A. Dunell, BASc'45, MASc'46, AM, PhD (Princeton), of the Chemistry department, UBC, has been elected Director of Scientific Affairs of the Chemical Institute of Canada. The Institute is an 8,500 member national organization of chemical engineers and chemists.

Dr. John I. Goodlad, BA'45, MA'46

Dr. John I. Goodlad, BA'45, MA'46, PhD'49 (U. of Chicago), has been appointed Dean of the University of California, Los Angeles' Graduate School of Education. One of America's outstanding educators, he began his career teaching school in B.C., including a one-room, eight grade school in Surrey. He has been active in research work on the problems of education and teacher training. He is also the author of many books and articles on education.

Dr. Bernard Ostle, BA'45, MA'46, PhD (Iowa State) '49, a well-known educator, scientist and industrial consultant has been appointed the first Dean of the College of Sciences at Florida Technological University. Dr. Ostle's main area of specialization is statistics and he is a recognized leader in the fields of mathematics operations research, reliability and quality control.

Arthur Connaught Ashby, BSW'46, has been appointed Acting Director of the Undergraduate School of Social Work at Laurentian University, Sudbury, Ontario. He has been Director of Research at the Maritime School of Social Work, Halifax, Nova Scotia.

'47-'48

John Charles Slingsby, BASc'47, manager of marketing services for Canadian Allis-Chalmers Ltd. has been appointed manager, field service. In his new position he will be responsible for the establishment and co-ordination of a nationwide service network.

Dr. Peter F. Bargen, BA'48, MA'53, PhD'59 (Alta.), Superintendent of Edmonton Public Schools has been appointed Chief Commissioner of the City of Edmonton, Alberta.

James R. Brown, BCom'48, senior tax adviser to the federal government has been named to lead a study by finance department officials of the recommendations of the Carter Royal Commission on Taxation. The group's findings will help formulate future tax policies.

One of the discoverers of Myxim, an antibiotic, **Dr. Douglas Charles Gillespie,** BSA'48, MSA'51, PhD'62 (U. of Western Reserve), has been appointed to the scientific staff at the Freshwater Institute, Winnipeg, where he will be engaged in fish research.

Gerald H. Cross, LLB'48, resigned in April from his office as British Columbia's legislative counsel. He has resumed private practice in Victoria.

William Idsardi, BA'48, formerly assistant to the corporate secretary of the Chesapeake and Ohio Railway has been appointed Director of Public Information for the Federal Reserve Bank of Cleveland. His responsibilities will include bank, community and press relations for the Fourth Federal District, comprising Ohio, Western Pennsylvania and Kentucky.

Rome is the new home of **Roy I. Jackson,** BASc'48. Mr. Jackson is now head of the Department of Fisheries, Food and Agriculture Division, United Nations, Rome. He will be responsible for the administration of their program on a worldwide basis, among the 110 participating nations.

Andrew E. Thompson, BSW'48, MSW '50, member of the Ontario legislature since 1959 and former leader of the Ontario Liberal Party has been appointed to the Senate of Canada. He was a probation and parole expert for the British Columbia government and later joined the federal civil service and was a program organizer for the Canadian Broadcasting Corporation.

"Resources for Man" is the title of the new book by **Dr. William C. Leith,** BASc '48, MASc'49. The book is the result of the research Dr. Leith did in his position as scientific adviser for the resources section of Man the Producer at Expo 67. He introduces the reader to the many facets of resources, their relation to man and their changing values.

'49

John Forsyth, BA'49, MEd'64, is taking his whole family along when he leaves for a teaching post at Adisadel Secondary School, Cape Coast, Ghana. Mr. Forsyth is on a two-year program sponsored by the Canadian Department of External Affairs.

John D. Frey, BASc'49, has been named to head the Provincial Institute of Mining at Haileybury, Ontario. Mr. Frey has been teaching on the staff of the Institute for 13 years.

SIMBAD (Simulation as a Basis for Social Agents' Decisions) is the brain child of **Alexander W. McEachern,** BA'49, MA '50, and Edward M. Taylor, his associate at the University of Southern California Youth Studies Center. The project is financed by the United States Department of Justice. The purpose of the project is to make available, through the use of computers vast amounts of information on cases upon which probation officers can base their decisions. The project is expected to last for four years. Mr. McEachern has recently been appointed as Director of the Youth Studies Center. He has plans to continue the Center's research, training and demonstrataion projects involving all the relevant agencies of the criminal justice system. There will also be research into the significance and impact of changes in today's youth culture.

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'50-'51

Peter S. Jack, BASc'50, manager of the Potash Company of America's operation near Saskatoon, Saskatchewan, was elected president of the Saskatchewan Mining Association at its annual general meeting in Regina on April 17, 1967.

Helen B. Robinson (now Mrs. I. H. Moore), BHE'50, district home economist in the Stettler-Coronation area of Alberta has been transferred to the same position at the Lacombe-Ponoka office.

Mrs. Frances Tucker, BA'50

Mrs. Frances Tucker, BA'50, former editor of the *Chronicle* and author of the Alumni Association history 'The First 50 Years' has arrived back in Canada after a six month tour of New Zealand and Australia. While she was in Australia, she visited La Trobe University, whose first president is Dr. David Myers, former Dean of Applied Science at UBC. The first classes began at La Trobe in March 1967.

Professor R. J. Baker, BA'51, MA'53, head of the English Department at Simon Fraser University, has been elected president of the Association of Canadian University Teachers of English. **Professor J. M. Sandison,** BA'50, MA'53, also of Simon Fraser University, has been elected secretary-treasurer of the association.

Gerald Carter, BA'51, is the only UBC graduate to be represented in the Centennial Sculpture 67 display held in Vancouver this summer. For his sculpture "Bird" Mr. Carter won the Rothmans Purchase Award.

David A. Foster, BASc'51, superintendent of equipment for the Canadian National Railways Maritime region has been named mechanical and electrical engineer for the Atlantic region. Following war service with the Navy Mr. Foster joined the CNR and was stationed in Stratford and Winnipeg before moving to Moncton.

Tim Hollick-Kenyon, BA'51, BSW'53, former director of the Alumni Association has been appointed to the new position of Director of Personnel and Community Relations with the Children's Aid Society of Vancouver.

Andrew E. Soles, BA'51, has been appointed principal of Selkirk College, Castlegar, B.C. He has been on the faculty since January 1966 as dean and acting vice-principal.

John R. M. Szogyen, BASc'51

John R. M. Szogyen, BASc'51, has been appointed to the position of vice-president of manufacturing for Howe-Richardson Scale Company. Howe-Richardson is a subsidiary of a Canadian corporation—Robert Morse Corp., Montreal.

'52-'53

Dr. Rowland F. Grant, BA'52, MSc'55, PhD'60, former head of the Selkirk College, Castlegar chemistry department, has recently been appointed Dean of Studies there.

Mrs. Brigitta Griffiths, BA'52, BSW'53, MSW'54, former social work supervisor in psychiatry at the Ottawa Civic Hospital has been appointed head of social services for the Ottawa Public School Board. She will be co-ordinating work with families with social problems that affect their children.

Raymond M. Kulai, BA'52, BEd'57, supervisor-principal of North Elementary Schools, has been appointed director of elementary instruction of school district 68 (Nanaimo). Mr. Kulai joined this school district in 1948.

John R. Arnold, BASc53, an Athlone Fellow, has been appointed manager of the Collingwood, Ontario, plant of T.R.W. Electronic Components Ltd.

Gilbert F. Jacobs, BASc'53, has been appointed vice-president and general manager of Emil Anderson Construction Co. Ltd. He joined the company in 1954 and has been assistant general manager since 1964.

Barbara Blackwood (now Mrs. Kozier), BA'53, BSN'55, is the head of the new nursing program at the British Columbia Institute of Technology. The new school program will operate in much the same way as the UBC Medical School with a combination of academic and hospital work. There is no age limit to students in the program and none of the old-time residence restrictions. It will be a new system to fit the demands of present day nursing training.

Mrs. B. Kozier, BA'53, BSN'55

'54-'55-'57

Gerard G. Duclos, BCom'54, MBA'60, assistant deputy minister and general director of the Manpower division of the federal government, recently addressed the delegates to the Electrical Contractors' Association Convention in Toronto. He spoke on his department's plans for future manpower development.

Charles A. Watt, BA'54, of Regina has been appointed manager of the new Canadian Travel Promotion office in Pittsburgh. Mr. Watt was formerly acting assistant chief of publicity for the Canadian Government Travel Bureau in Ottawa.

Dr. Robert Keith Bourne, BA'55, has recently joined the consulting firm of Henry Schoenfeld and Associates, specialists in psychological services to management. He was previously at the University of Wisconsin, as a counselling psychologist and a consultant to the public school system.

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Arthur R. Ezzy, BCom'57

Albert R. Ezzy, BCom'57, has been moved from Calgary to Toronto, where he has been appointed company personnel manager for Kent Shoes Ltd., the Canadian retail division of the Bata Shoe Organization.

Robert W. Hakstian, MD'57, was invited to address delegates to a congress on hand surgery held recently in Lausanne and Vienna. Dr. Hakstian was one of six speakers at a symposium on the Dupuytren's disease of the hand. His paper dealt with the results of the surgical management of this condition. The week-long congress was organized by the German speaking countries and Switzerland. Representatives from other European countries were also present.

R. Peter Heron, BA'57, has been appointed extension supervisor of the new provincial museum and archives complex in Edmonton. Mr. Heron was formerly Park Naturalist in Jasper National Park. Previous to that he taught for a time in West Vancouver.

This year's annual award of the Barlow Memorial Medal was a duplicate affair, going jointly to Drs. R. W. Boyle and **J. L. Jambour,** BA'57, MSc'60, for their paper 'Mineralogy, Geo-chemistry and the Origin of the Magnet Cove Barite-Sulphide Deposit, Watson, Nova Scotia.' It was presented at the 69th annual meeting of the Canadian Institute of Mining and Metallurgy at Ottawa.

'58-'59

Trent University has announced the appointment of **Dorothy Mae Coutts,** BA'58, MA'61, as assistant professor of sociology. She is at present completing a research study on 'Narcotic Addiction in Britain Today' for a doctoral thesis in sociology at the London School of Economics and Political Science.

Raymond C. Friend, BASc'58, has received his master's degree from the University of Buffalo. He plans to remain with the Cornell Aeronautical Research Laboratories at Buffalo where he has been since graduation from UBC.

Charles Hong Lee, BSc'58, has been appointed as manager of the Main Street branch of Canada Trust-Huron and Erie. He has been with Canada Trust since 1964. Mr. Lee is president of the Chinatown Lions Club and on the executive of several service organizations.

A former UBC player has become the head coach of the University of Alberta Golden Bears basketball team. He is **R. Gerald Classford,** BPE'59, currently working on his doctorate while coaching the team.

Ray G. Helbecque, BA'59, has been moved to Hamilton, Ontario in his new position as regional liaison officer for the Hamilton area with the Citizenship Branch of the Department of the Secretary of State.

Fort William Hydro Commission has announced the appointment of **Evald Ounpuu,** BASc'59, as general manager-secretary. He joined the commission in 1963 after doing consulting and utility work in eastern Canada.

During the summer of 1967 **Dr. Stanley A. Perkins,** BEd'59, MEd'64 (W. Wash. State), PhD'66 (U. of Ore.), is again visiting professor at Bowling Green University, Ohio. In the fall he will be leaving the University of Puget Sound, in Tacoma, for his new position as associate professor and Director of Counselling and Placement at the newly established University of Lethbridge, Alberta, which will open in September. While at Puget Sound University Dr. Perkins was a member of the Washington State Education Department Research Committee on the Multi Student Teacher Education Plan, and as a consultant for Kindergarten in Depth at Lacey, Washington. Both of these projects are financed by the United States federal government.

'60-'61

Anthony A. Churchill, BA'60, received his PhD in economics in June, from the University of Washington, Seattle. His dissertation topic was 'The Staple and Economic Growth: The Canadian Wheat Boom, 1900-1914.' He is presently on the staff of the World Bank in Washington, D.C.

Elizabeth Halley, BA'60 (now England), is now cataloguing rare books for the Beineche Library, Yale's new rare book library. Her husband, A. B. England, who was on the English faculty at UBC, is studying for his doctorate in English at Yale.

Flight Lieutenant **Gary Whitten,** BASc '60, MA (Wisc.), serving in Ottawa on the staff of the chief of personnel at the Canadian Forces Headquarters, has been promoted to the rank of Squadron Leader.

J. Michael Leckie, BCom'61, has been appointed sales representative for the Vancouver office of Wood Grundy Securities Ltd. Mr. Leckie has been with the company since 1961.

Recently appointed general superintendent of Houle Electric Ltd. is **Kenneth**

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McLeod, BASc'61. Since graduation Mr. McLeod has been with Swan Wooster Engineers and Westinghouse Electric Corporation. While he was with Westinghouse he spent a year in Taranto, Italy, supervising the start up testing of programmers in a steel mill.

Robert Gordon Sexsmith, BASc'61, has finished his PhD program in structural engineering at Stanford University and has accepted the position of Assistant Professor of Structural Engineering at Cornell University, New York.

Philip O. Dobson, BSF'62, has received his master of business administration with honours from the University of Oregon, Forest Industries Management Center. He was elected to Beta Gamma Sigma, national scholastic honorary for business administration. He is presently employed in the operations research department of MacMillan Bloedel Ltd.

Dr. Edith Emily Down (Sister Mary Margaret), BA'42, BSc'49 (Seattle U.), MA'62, PhD'65 (Cornell), author of 'A Century of Service,' a history of the Sisters of St. Ann in British Columbia and Alaska, is now teaching household economics at the University of Alberta, Edmonton.

After receiving his MA in Latin American history at the University of Mexico, **Gerry P. Schroh,** BA'62, joined the Department of Citizenship and Immigration and is now attached to their London office.

Katherine E. Skpikulo (now Steinberg), BSN'62, is on the staff of McGill University. She is teaching graduate students courses in psychiatry and hospital ward administration.

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Michael J. Sullivan, BASc'62, has been named sales manager of Corhart refractory products for Corning Glass Works of Canada. A resident of Toronto, he will be responsible for servicing customers and co-ordinating technical services.

Robert Glen Laird, BA'63, at present a PhD candidate in the field of 19th century English authors, has been appointed assistant professor of English at Carleton University, Ottawa.

Michael David Levin, BA'63, after receiving his MA from Princeton, has left for eastern Nigeria to do research for his doctoral thesis in sociology and anthropology, made possible by a $10,000 fellowship from the Foreign Area Fellowship program of the American Council of Learned Societies.

Dr. David B. Lewall, MD'63, has been honored for outstanding performance in the Mayo Graduate School of Medicine, Rochester. Dr. Lewall has received the Carman Fellowship in Roentgenology for outstanding ability promising continued future development and usefulness. He is an associate consultant at Mayo Clinic and is completing his training in diagnostic radiology at the Royal Victoria Hospital, Montreal.

'64

Ian Buchanan Campbell, BSA'64, has been appointed the inspector for the Dominion Food and Drug Directorate for northeastern Ontario. He was previously with the Directorate's Edmonton office.

"My drawings are a running biography of the things I see. A jaundiced camera and tape recorder working through the cheapest ballpoint pen I can find" . . . is the way **Raymond Chow,** BEd'64 describes his surrealistic work. Mr. Chow has had two showings of his work this year, in May at the Sabot Gallery in Toronto and in June at the Dutch Galleries in Vancouver.

For the past three years **Jorgen Dahlie,** BEd'64, has been on the staff of the history department of Washington State University where he completed his doctorate in American studies. In 1966 he was the recipient of a Canada Council doctoral fellowship and was a delegate to the national convention of Phi Alpha Theta in New York. He has accepted an appointment as assistant professor at University College, Michigan State University at East Lansing, for the coming academic year.

Clyde M. Griffith, BPE'64, has been appointed Superintendent of Recreation with the Coquitlam Inter-Municipal Council. He has held similar posts in Delta and Surrey, B.C.

UBC is expanding its counselling services to B.C. secondary schools by appointing a full-time visiting counsellor. In this position **James W. Jamieson,** BEd'64, will develop a closer liaison between the university and B.C. Secondary schools.

Dennis Edward Kerfoot, MA'64, has been appointed assistant professor of geography at Brock University, Niagara, Ont.

Robert B. MacKay, BCom'64, has joined McKim, Benton and Bowles Ltd. as an account executive. He was previously an assistant product manager with Procter and Gamble.

Jerome N. Spitz, BCom'66, has recently been appointed as Executive Secretary of the Mechanical Industrial Relations Association in Vancouver. He was formerly personnel manager for Weldwood of Canada at Squamish.

Jeffery A. Williams, BA'64, has been appointed Instructor in the English department at Western Washington State College in Bellingham.

'65

Herman Werner Driediger, BSA'65, has recently moved to Fort St. John, B.C., where he is in charge of the local office of the Farm Credit Corporation.

William J. G. Kirby, BA'65, has been appointed Director of the Edmonton Art Gallery. From October 1967 to May 1968 Mr. Kirby will be participating in the National Gallery's program for curators, studying all phases of gallery operation in preparation for the expanded activities of Edmonton's new gallery, expected to open in September 1968.

Christopher J. Turnbull, BA'65, will be the on-site director of the archeological project in the area behind the High Arrow Dam. Sponsored by the B.C. Archeological Sites Advisory Board, the project will try to salvage as much valuable information as possible before the flooding begins. Mr. Turnbull is at present studying archeology on a fellowship award at the University of Calgary.

'66

William G. Anderson, BA'66, has been appointed assistant curator, for education, at the Vancouver Art Gallery.

Dr. David F. Bjarnason, MD'66, has been appointed a resident in internal medicine in the Mayo Graduate School of Medicine, University of Minnesota at Rochester.

William A. Cameron, BA'66, representative for Xerox Corporation in Vancouver has recently graduated from the company's National Sales Development Center.

Retta Gariepy, BA'66, was among 23 public service of Canada employees to successfully complete an advanced course in management analysis techniques. Miss Gariepy is now with the management services branch of the Post Office Department.

Phoebe M. Hamilton, BPE'66, has been appointed assistant professor of physical

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education at Western Washington State College in Bellingham. She received her MS from the University of Illinois.

Heather Harbord, BLS'66, has been appointed Regional Librarian for the newly established Wheatland Regional Library. She will be based at the Saskatoon Public Library, Saskatoon.

After a familiarization tour of Canada **Edward C. Shelly,** BSc'66, has been appointed a foreign service officer with the Trade and Commerce department in Dublin, Ireland.

John H. Lang, BA'66, also a member of the tour, has been appointed to the position of assistant Trade Commissioner with the Canadian Consulate in Dusseldorf, Germany.

Births

MR. and MRS. DONALD B. CROWSON, BASc '58, MASc'61, a daughter, Kimberley Kathleen, in West Vancouver.

DR. and MRS. ROBERT H. FAIRBAIRN, MD '59, a second son, Daniel James, May 23, 1967, in Denver, Colorado.

MR. and MRS. PETER H. HEBB, BCom'63 (née Joan McCrimmon, BA'62), a daughter, Daphne Joan, April 20, 1967, in Vancouver.

MR. and MRS. R. M. KITOS BCom'57, a daughter, Amy Frances, July 1, 1967, in Vancouver.

MR. and MRS. OSBORNE R. LOVE, BASc'61, a daughter, Kristine Karen, May 13, 1967, in Hamilton, Ontario.

MR. and MRS. DAVID M. MILLER, BCom '57, LLB'58, a son, Marcus-Rasheed, November 18, 1966, in Johannesburg, South Africa.

MR. and MRS. JOSE M. PINTO (née Uchida, BA'57, MSc'60), a daughter, Aida Melanie Uchida, June 8, 1967, in Vancouver.

Marriages

ALLEN-ROBSON. William Garard Allen, BASc'66, to Donna Gail Robson, BHE '67, June 17, 1967, in Princeton, B.C.

BACON-MARVIN. William Gordon Bacon, BSc'67, to Dianna Lynn Marvin, BA'67, May 27, 1967, in West Vancouver.

BAKER-HARVEY. Richard Kemp Baker, BCom'65, to Ann Jane Harvey, June 1, 1967, in Vancouver.

BASFORD-KIRK. Stanley Ronald Basford, BA'55, LLB'56, to Madeleine Alexandra May Kirk (née Nelson), BHE'61, June 3, 1967, in Vancouver.

BECKETT-WEBSTER. Thomas Allan Beckett, BA'64, LLB'67, to Elizabeth Shudell Webster, July 7, 1967, in Vancouver.

BERNER-KESTEN. Sargent Harris Berner, BA'63, LLB'66, to Nancy Kesten, BEd '66, July 9, 1967, in London, England.

BRADY-MCCOY. Gary Brady to Shelagh Margaret McCoy BSRM'67, June 2, 1967, in Vancouver.

BURHOE-CATHCART. Arnott Gregg Burhoe, BEd'66, to Sharon Elizabeth Cathcart, BEd'65, July 8, 1967, in Vancouver.

CAVERHILL-KEEN. Peter Anthony Caverhill, BSc'67, to Linda Joyce Keen, BSRM'67, May 20, 1967, in Vancouver.

COTE-BADGER. Paul Thomas Cote, BA'66, to Joan Colleen Badger, BA'67, June 9, 1967, in Vancouver.

DALTON-FLITTON. Christopher Jeremy Dalton, BA'64, LLB'67, to Gail Leslie Flitton, BA'66, May 26, 1967, in Vancouver.

DE JULIUS-GRDINA. Robert De Julius BA '64, to Noreen Grdina, June 17, 1967, in Vancouver.

DUNBAR-PATERSON. Alexander Blair Dunbar, BA'65, BSW'66, to Linda Gail Paterson, May 6, 1967, in Vancouver.

ELLIOTT-MCTAGGART-COWAN. James Arthur Elliott, MSc'65, to Gillian Hope McTaggart-Cowan, May 13, 1967, in Vancouver.

EVELYN-KIRSTENSEN. Ronald Geoffrey Evelyn to Liane Kirstensen, BSc'66, May 20, 1967, in Vancouver.

FARKAS-ZBOROVSKY. Stephen John Farkas, BSF'61, to Anna Brigitte Zborovsky de Eperjes, May 20, 1967, in Vancouver.

FORRESTER-MACKENZIE. Graeme Hugh Forrester, to Joan Constance MacKenzie, BA'65, May 17, 1967, in Vancouver.

FRY-GRAY. Bert Clifford Fry, BASc'67, to Marlene Yvonne Gray, June 17, 1967, in Vancouver.

FULTON-WIIG. Sandy Michael Fulton, BSc '66, to Thelma Diane Wiig, July 8, 1967, in Vancouver.

GAZETAS-BROCK. Aristides Gazetas to Hilary Mary Brock, BA'66, June 4, 1967, in Vancouver.

GOURLAY-CORBEIL. Robert Bruce Gourlay, BSF'56, to Loraine Eleanor Corbeil, March 11, 1967, in New Westminster.

HOPE-HAYMAN. John Alfred Hope, BSc'65, to Charlene Willa Hayman, July 8, 1967, in Vancouver.

HORSMON-LANGSTAFF. Raymond E. Horsmon, BEd'61, to Dorothy Langstaff, May 19, 1967, in Bellingham, Washington.

HUNGERFORD-KNOTT. George William Hungerford, BA'65, to Jane Florence Knott, June 17, 1967, in Vancouver.

HYNDMAN-FROST. Peter S. Hyndman, LLB '66, to Victoria E. Frost, BEd'65, February 11, 1967, in Vancouver.

KABUSH-INSLEY. Dennis E. W. Kabush, BA '65, to Margaret Louise Insley, June 16, 1967, in Vancouver.

KENT-BARKER - AGNARD DE COURCELLES. Nigel Kent-Barker, BA'61, to Christine-Marie-Gabrielle Agnard de Courcelles, June 10, 1967, in Paris, France.

LANG-FROST. William H. Lang, BA'64, to Stephanie (Denny) Aldyn Frost, January 17, 1967, in Vancouver.

LEE-PAUL. Herbert Kui Hing Lee, to Norma Jean Paul, BA'60, BSW'61, March 4, 1967, in Maui, Hawaii.

LORENZ-HAWRYSCHUK. Walter Gottfried Lorenz, to Benita Magdalena Hawryschuk, BA'60, July 9, 1966, in Kamloops, B.C.

MACKENZIE-MACQUEEN. Ronald G. MacKenzie, BASc'53, to Margaret Ann MacQueen, April 3, 1967, in Vancouver.

MCLALLEN-BURNS. William H. McLallen, to Alison M. Burns, BA'66, May 27, 1967, in Vancouver.

MCLEOD-SOANE. Gordon Frederick McLeod, BCom'66, to Lorraine Marjorie Soane, May 27, 1967, in Burnaby.

MARRA-SOWERBY. Peter Gerald Marra, BSc '63, to Eileen Elizabeth Sowerby, BMus '66, February 11, 1967, in Vancouver.

MITCHELL-CHATAWAY. John Christopher Mitchell, BSc'62, MSc'65, to Helen Patricia Chataway, BA'64, June 30, 1967, in Vancouver.

MYLES-SARGEANT. William Gordon Myles, BASc'64, to Jane R. Sargeant, June 10, 1967, in Vancouver.

NEW-EBBS-CANAVAN. Dr. William Herbert New, BEd'61, MA'63, to Margaret Elizabeth Frances Ebbs-Canavan, BA '60, July 6, 1967, in Vancouver.

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NIELSEN-LEWCHUK. Ole Anders Nielsen, BSc'65, to Katherine Stephanie Lewchuk, BSc'65, May 13, 1967, in Vancouver.

PANTAGES-MCLEAN. Basil Lloyd Pantages, BA'50, to Kathleen Mary McLean, RN, April 15, 1967, in Vancouver.

PASSMORE-BERRY. Robert Roy Passmore, BSc'62, to Patricia Ann Berry, July 8, 1967, in Vancouver.

PHILLIPS-BRITTON. Gary Walter Phillips, BSc'66, to Patricia Anne Britton, May 20, 1967, in Vancouver.

POULOS-TURNBULL. George James Poulos, BA'63, to Susan Jean Turnbull, BA'66, June 29, 1967, in Vancouver.

RABNETT-HORIE. Richard Aird Rabnett, to Sandra Horie, BA'65, May 6, 1967, in Vancouver.

REMPEL-MIKULKO. Waldemar John Rempel, BA'64, to Ursula Mikulko, BMus '67, July 8, 1967, in Vancouver.

RICHARDS-MCLEOD. James Raymond Richards, BCom'67, to Heather Anne McLeod, May 6, 1967, in Vancouver.

ROSS-PARKES. John Alexander Ross, BSc '66, to Sandra Mae Parkes, BSc'66, May 13, 1967, in Vancouver.

SCARFE-THOMPSON. Dr. Colin David Scarfe, BSc'60, MSc'61, to Ruth Ann Marie Thompson, May 20, 1967, in Victoria.

SIMPSON-EVANS. Leonard Angus Simpson, BSc'61, MSc'63, to Judith Elizabeth Evans, May 20, 1967, in Swansea, South Wales.

STEFANSON-SHARP. Wilhelm (Bill) Jonas Stefanson, BASc'63, to Darlene Gerda Sharp, July 1, 1967, in Calgary.

STINSON-ARTHUR. Jerald Garlan Stinson, BASc'64, to Margaret Eleanor Arthur, June 10, 1967, in Vancouver.

STATHAM-HURFORD. Alan Lorne Statham, BCom'66, to Susan Jean Hurford, June 10, 1967, in Vancouver.

THOMPSON-POISSON. Wirt Furness Thompson, to Renée Gallery Poisson, BA'64, June 3, 1967, in London, Ontario.

TILL-CARTER. Henry Heinz Till, to Karen Ann Carter, BA'62, July 14, 1967, in Vancouver.

VAN RYSWYK-JOHNSON. Roy Johan van Ryswyk, BASc'63, to Iris Estelle Johnson, July 1, 1967, in Surrey, B.C.

WALKER-THOM. Lyle Wesley Walker, BASc '67, to Daphne Eluned Walker, BA'67, May 13, 1967, in Vancouver.

WARKENTIN-PEW. Robert Jack Warkentin, BCom' 67, to Margaret Verity Janet Pew, July 17, 1967, in North Vancouver.

WEAVER-MEAKIN. William Weaver, BA'67, to Beverly Meakin, May 20, 1967, in Vancouver.

WHITE-WILCOCK. William Frederick White, BSc'67, to Gale Rosanne Wilcock, BA '67, May 27, 1967, in Vancouver.

WILLIAMS-BRAIS. Dr. Roscoe Charles Williams, to Helene Brais, LLB'57, July 1, 1967, in Vancouver. The couple will be known as Brais-Williams.

WOODS-OLIVER. William Bruce Woods, to Carol Jean Oliver, BEd'67, June 30, 1967, in Vancouver.

WOOLLIAMS-HORTON. E. David H. Woolliams, BA'65, to Maureen Gail Horton, BHEc'65, July 22, 1967, in Vancouver.

Deaths

1920-29

Donald Frank Stedman, BASc'22, PhD '25 (London), May 2, 1967, in Ottawa, Ontario. For thirty years he was one of the National Research Council of Canada's leading independent researchers. His research interests were widely diversified: from a rain repellant for aircraft windows, to a study of the velocity of light, to an investigation of the origins of the universe. In the 1940's he conducted a private campaign for a new Canadian flag—one of his own design. He is survived by his wife, daughter and sister.

Janet Thomson Greig, MA'26, May 24, 1967, in Vancouver. She was a professor Emeritus of the English department, UBC.

Walter J. Couper, BA'20, PhD'37 (University of California), May 1967, in Dobbs Ferry, New York. He had become one of the outstanding consultants on labour and economic problems in the Eastern United States. He returned to Canada to assist in the war effort, during which time he lived in Ottawa. Mr. Couper is survived by his wife, daughter and brother.

1930-39

Mrs. William D. Sheldon (née Jean C. Whyte, BA'31), May 10, 1967, in Galt, Ontario. She was a member of the UBC women's basketball team that won the world championship at Prague in 1930. She was also a member of the swim team and one of the first members of the women's Big Block Society. She took post graduate work at the University of California and later taught school in Vancouver. She is survived by her husband, two daughters, three sons, her mother and brother.

Brig. Robert Lloyd Purves, DSO, CD, BA'32, June 20, 1967, Newmarket, Ontario. He had an active wartime career in Europe, returning to Canada in 1945 to join Army Headquarters. During the remainder of his career he held many senior positions: Commandant, Royal Canadian Armored Corps School at Camp Borden, Chief of Staff and Military Attaché, Washington, D.C., and Commander of the Second Infantry Brigade Group. He is survived by his wife, daughter, brother and five sisters.

1949

George Kent, BA, LLB'55, March 18, 1967, in Princeton, B.C. He was a partner in the firm of Enderton and Kent, Nelson, B.C. He had practised law in Vancouver, Burnaby, and Phoenix, Arizona before moving to Nelson. He is survived by his wife and two sons.

1950-59

Geoffry Ernest Glover, BSW'50, MSW '51, March 7, 1967, in Toronto. He was a social worker in Burnaby and later welfare adviser to the Ontario government as well as a professor at the University of Toronto. He is survived by his mother, brother and two sisters.

Peter A. Isaac, BA'51, BEd (Dalhousie), April, 1967, in Halifax, Nova Scotia. After coming to Canada from Russia in 1930 Mr. Isaac served as a lieutenant in the Canadian Army during the Second World War. He taught school in British Columbia, Ontario and many parts of Nova Scotia. He is survived by his wife, a son and a grandchild.

Carol Ann Smith, BA'59, BSW'60, MSW'66, June 7, 1967, in Vancouver. She was a social worker on the staff of Riverview Hospital, Essondale, B.C. She is survived by her parents.

David A. Webster, BEd'59, July 6, 1967, in Vancouver. At the time of his death he was a member of the Education Faculty at UBC. He and his wife, who died tragically at their home, are survived by their four children, their parents and Mr. Webster's brother.

1967

Ranjit Singh Mehat, BEd, June 16, 1967, on the Roger's Pass, B.C. He died as result of a traffic accident.

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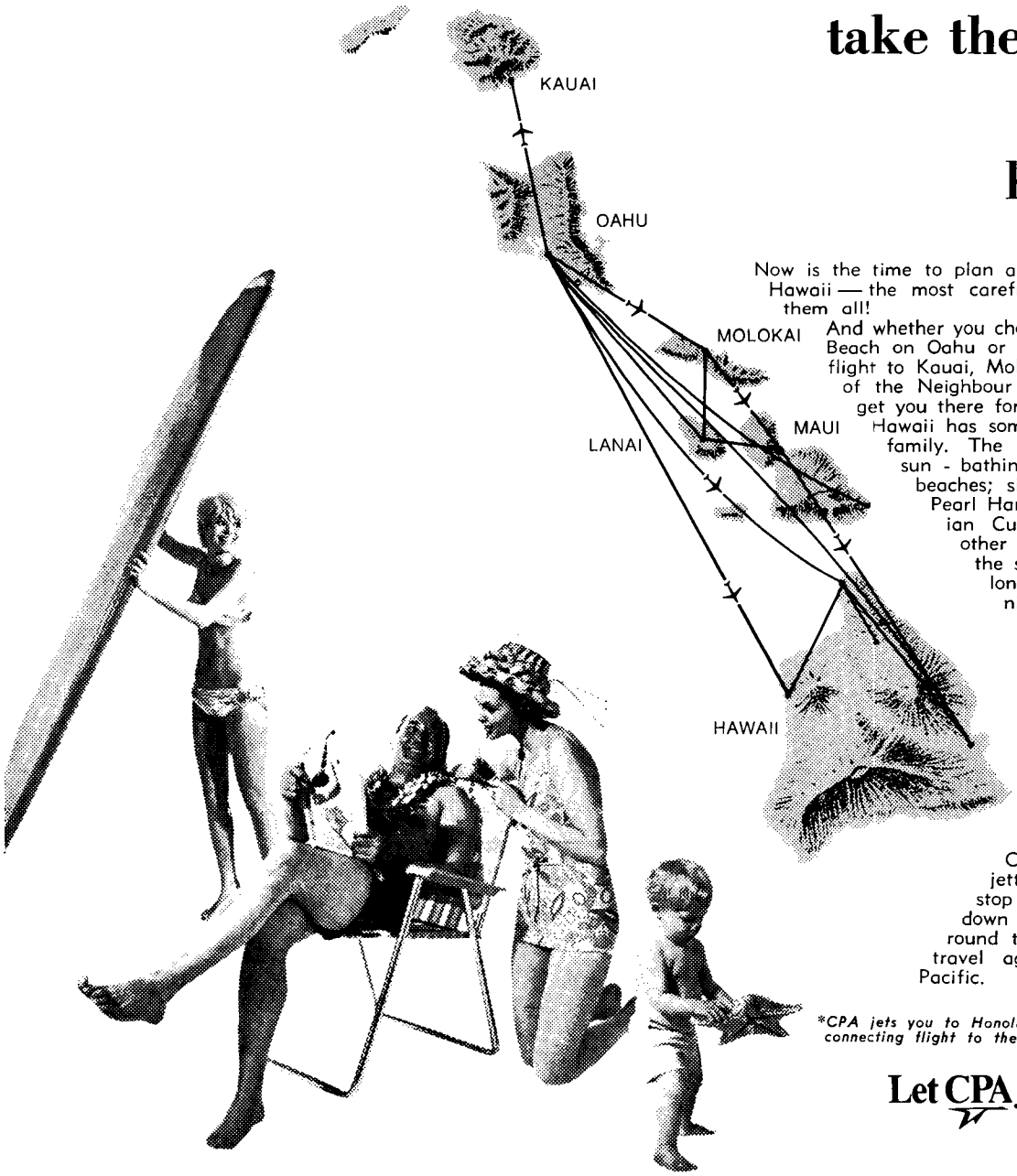

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