

# THE VANCOUVER INSTITUTE 1983 FALL PROGRAM OF LECTURES

Lectures will take place Saturday nights at 8:15 p.m. in Lecture Hall 2, Woodward Building, beginning September 17.

September 17

**The Honorable Mr. Justice Brian Dickson**  
Supreme Court of Canada  
*The Forgotten Party:  
The Victim of Crime*

September 24

**President William Saywell**  
Simon Fraser University  
*China's Race Against Time:  
Modernization and Education*

October 1

**Dr. Margaret Rule, CBE, FSA**  
Research Director,  
The Mary Rose Trust  
Portsmouth, England  
*A Tudor Warship:  
King Henry VIII's Mary Rose*

October 8

**President K. George Pedersen**  
University of British Columbia  
*Education Under Siege: Academic  
Freedom and the Cult of Efficiency*

October 15

**Dr. Alan Astbury**  
Department of Physics,  
University of Victoria  
and TRIUMF  
*"W" and "Z" The New Particles and  
the New Physics*

October 22

**Professor Brian Simon**  
School of Education,  
University of Leicester  
*The I.Q. Controversy:  
The Case of Cyril Burt*

October 29

(Dal Grauer Memorial Lecture)  
**Professor Edward Cone**  
Department of Music,  
Princeton University  
*Hearing and Knowing Music with  
piano illustration*

November 5

(Cecil and Ida Green Visiting  
Lecturer)  
**Dr. W.E. Hillis**  
Chief Research Scientist,  
CSIRO Division of Chemical and  
Wood Technology, Australia  
*The Impending Crisis in Forestry*

November 12

**Dr. Kevin M. Cahill**  
Lenox Hill Hospital,  
New York and New Jersey  
College of Medicine  
*AIDS: A Medical and Social Problem*

November 19

**Professor Ursula Franklin, O.C.**  
Department of Metallurgy,  
University of Toronto  
*Interplay of Technology and Society:  
The Case of Ancient China*

November 26

**Professor S.J. Rachman**  
Department of Psychology,  
University of British Columbia  
*Fear and Courage*



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# ALUMNI UBC CHRONICLE

Volume 37, Number 3, Fall 1983

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ADVERTISING REPS: Alumni Media; Vancouver (604) 688-6819; Toronto (416) 781-6957

Published quarterly by the Alumni Association of the University of British Columbia, Vancouver, Canada. The copyright of all contents is registered. BUSINESS AND EDITORIAL OFFICES: Cecil Green Park, 6251 Cecil Green Park Road, Vancouver, B.C. V6T 1W5, (604) 228-3313.

SUBSCRIPTIONS: The Alumni *Chronicle* is sent to alumni of the university. Subscriptions are available at \$10 a year in Canada, \$15 elsewhere, student subscriptions \$2. ADDRESS CHANGES: Send new address with old address label if available to UBC Alumni Records, 6251 Cecil Green Park Road, Vancouver, B.C. V6T 1W5.

ADDRESS CORRECTION REQUESTED: If the addressee, or son or daughter who is a UBC graduate has moved, please notify UBC Alumni Records so this magazine may be forwarded to the correct address.

Postage paid at the Third Class Rate permit No. 4311. RETURN REQUESTED.

Member, Council for the Advancement and Support of Education. Indexed in Canadian Education Index ISSN 0041-4999.

## In this issue

In keeping with the spirit of National Universities Week, this issue of the *Chronicle* celebrates the university experience.

Our cover story is a poignant letter from a graduate to his 19-year-old son, on the eve of the young man's decision to go to university. Today, when the educational dollar is being squeezed tighter and tighter, this letter from father to son is an eloquent reminder of the value of universities to our young people, and indirectly, to all of us.

Just as eager new students make their way on to campus this month, so did Alan Dawe 40 years ago. His genial recollections of UBC in 1943 offer a rare glimpse into student life before the age of television.

Looking ahead, William Gibson, chairman of the Universities Council of B.C. and member of the Class of '33, was asked at his 50th reunion to predict the next 50 years at UBC. Excerpts from his talk, on page 20, indicate an exciting future for the province's university system.

As usual, there is plenty of activity here on campus. This issue carries stories on the new bookstore, the restoration of Norman MacKenzie House, the Pacific Rim at UBC, as well as an eight-page UBC Reports section prepared by the Information Office.

— Anne Sharp

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# Dear Ken,

**T**his is a much more difficult letter to write than I expected. I'm forced to acknowledge that you have grown up and I have grown older. Although I may appear somewhat weathered on the outside, I don't feel any different than I did 23 years ago when I came out of university, and that, at least, pleases me.

When you phoned from Vancouver to talk about the merits of hiking through Europe or going to university, I was relieved that the choice was yours, not mine. If I were 19 I'm not sure which road I would take. But since you've chosen the academic route, I want to pass along a few personal observations about the pleasures and perils of university life. As you might expect, I prefer to put them on paper. (A gem can be lost in dinnertime babble; this way I may linger on, if only in a bottom drawer with your socks.)

As I sit here, mulling over the weighty side of university life and recalling my own four years, the memories that drift back are not the serious ones — but instead, an American flag hoisted high on the girls' residence in the dead of night; Laura Gill's pumpkin pies; the monstrous, coal-black '36

Chev that three of us bought and our efforts to abandon the dying beast; a boardinghouse landlady who insisted on leaving delicately scratched notes: "Please do not sit on your bed. Beds are for sleeping in. . . ."

Please forgive my momentary lapses into life before radial tires and Alice Cooper. As with driving a car, however, an occasional backward glance can be helpful.

One of your grandfathers was a cowboy in Alberta before becoming an engineer; the other quit school at 15 and worked on a farm before making his way to the Ontario Agricultural College in Guelph. Later, in the mid-fifties, your parents toted their blind optimism directly from high school to university. War was behind us: the golden age of technology lay ahead. We expected to live better and accomplish more than our parents, and we anticipated that our children would scale even higher heights.

Considering our outlook, it's not surprising that our university stay was a tranquil one — not at all like the idealistic, tormented sixties to follow or the grabby selfishness of the seventies. The eighties appear to have a conservative tilt, but it's really too early for labels,

and what do they prove anyway?

What we do know for sure is that much of the optimism of 20 and even 10 years ago has slipped away. Our world is at an uneasy point in its history. Third World nations are beginning to demand a fairer share of the world's resources. Our air and water and wildlife are threatened. Our resources of energy are not as bountiful as we once thought. And our cities are increasingly depersonalized and hostile.

**M**any are understandably uneasy about what lies ahead. Their feelings are reflected in a recent Gallup poll that shows that a greater number of Canadians are pessimistic (45 percent) than are optimistic (33 percent) about their children's prospects for a happy life.

The questions and issues that faced your grandparents and parents — how to bring peace, freedom, order, prosperity to the world — are still there for you to grapple with. I hope you will. Perhaps these issues even have something to do with your decision.

There are, of course, a number of possible reasons for going to

university. Someone else is paying the shot. Or it looks easier than working. Or it's a step toward making a lot of money. Dollars can be so seductive. Modern marketing spreads luxuries at our feet, while the news media put out a steady statistical barrage about the rate of inflation, the cost of living and the value of our dollar compared with 10 years ago, five years ago and a week ago Monday.

Surveys tell us which careers pay the most and which the least and how many recent graduates can't find work. The implication is that your university courses should be tailored to the market. I disagree.

Is there much point to making \$50,000 a year if you hate climbing out of your water bed in the morning? If money is your motivation, mightn't you be further ahead to do as many are doing and pursue a trade? University, I think, holds out the promise of much more than simply job training.

My suggestion, for what it is worth, is this: follow your interests and your intuitions. Try to keep as many options open as possible. If you think back to your high school time, didn't you do best at the things you enjoyed the most?

by Laird O'Brien

Besides, as you may have heard somewhere, money won't bring you happiness. Yes, I too recall Pearl Bailey's answer: "I been rich and I been poor. Rich is definitely better." In rebuttal, I offer this anecdote from an address by Robertson Davies to his students: "One of my students was telling me about the woman who cleans his room. Life has not used her very generously, and yet she is an exceptionally cheerful person. One day he said to her, 'Annie, are you happy?' She replied, 'Happy? I'm so happy sometimes I wake up in the night just to laugh!' There is a happy woman, but I don't imagine many of you would be quick to change places with her."

Of course, the best condition is to be so caught up in what you are doing with your life that you can't be bothered asking yourself if you are happy or not. This calls for choosing a career based on enthusiasms rather than profits.

With the wisdom that comes from hindsight, I think I have finally identified the great reward of university life. It is not football or fooling around. The great reward is time. You have the luxury of days and weeks to pursue your interests. You can

stand back and take a good look at the world and yourself. Your mind can run up and down the aisles of philosophy, psychology, anthropology, sociology, religion, science, art, literature. . . . You can dream and argue, question and search.

Not wanting to be overly dramatic about it all, the fact is that how you use this time may very well shape the rest of your life.

In a few years you may emerge with a licence to make money; an appetite for knowledge and understanding in many fields; a special interest that consumes you; a passion to create in some form; or a persistent fascination with beer and poker.

If you can go through the adventure and be content simply to "get by" — to pass the courses and have a good time — it will be a shame. Does the world really need another also-ran doctor, lawyer, veterinarian or scientist? No — what the world needs are first-class minds and people who want to use them.

I'm not suggesting you make a list of global problems and tackle them one by one. Your lifetime is too short for that. But

I'll give you one example of the problems that may grow larger in your lifetime: the search for food.

In the last 45 years the world's population has jumped from two to four billion people — a doubling that used to take hundreds of years. The people of Africa, Asia and Latin America, those least able to cope with widespread malnutrition, are having the most babies, and the birthrate is accelerating.

Fortunately, in North America we produce far more food than we consume. But soon this may not be enough. By the time you are 38 years old, Ken — hard to imagine, I guess, but just 19 years from now — the world's population is expected to be six billion.

The obvious question is how will we feed them all? Certainly we'll have to make tremendous strides in distribution, technology, international cooperation, investments and trade practices.

This is just one of many challenges.

I don't want to lecture, but I also don't want to watch you make some of my mistakes all over again. So, treading softly, I offer these suggestions for your university stay.

*One: Let your curiosity loose. A university draws people from different*

backgrounds and sends its energies shooting off in many directions. Any day of the week you can choose from concerts and plays and learned speakers, snooker and bridge, celebrity sports and frisbee games in old shorts. There are lectures, labs, libraries, newspapers and the inevitable coffee shop. Sample as much as you can. If you study and do nothing else you will miss a great deal. Get to know many people; they will help you find out what the world is really like.

A word of caution. Those of us who live in this affluent corner of the world can become so preoccupied with our own daily affairs — everything from the price of houses to RRSP deadlines — that we may ignore the much larger issues.

You grew up with television and have had a ringside seat at assassinations, wars and earthquakes. This instant participation in events thousands of kilometres away should give us all a greater sense of sharing and caring. Perhaps it does, but I wonder if there isn't also a tendency to withdraw and to shield our quiet, comfy corner from the unpleasant. Try not to lose touch with

# The fact is that how you use this time may very well shape the rest of your life.

events beyond the ivy walls.

As to the perils of university life, offhand I can think of only one. It is the danger of seeing yourself as one of the chosen few who are somehow special in the order of things. At best you are lucky. It is your opportunities that are special.

*Two: Keep a positive outlook.* It is so easy to catch the virus of gloom.

If you can stand another brief backward glance, I'll give you a perfect example of the positive, hopeful outlook. After a discouraging run of experiments, one of Thomas Edison's colleagues turned to him and said, "It's too bad to do all of that work for nothing." Edison looked surprised. "But it's not for nothing," he replied. "We have got a lot of good results. Look: now we know 700 things that won't work."

**B**e ambitious, if it pleases you. "Nothing great was ever achieved without enthusiasm," to quote Emerson. But I hope you'll take the time to work out the distinction between greed and ambition.

*Three: Don't look for the shortcuts.* When you were six you couldn't wait for

the crossing guard and darted into the path of a car. At 14 you wanted to paint a boathouse wall without bothering to scrape it first.

This is a good time to abandon the quick and careless approach.

The prize at university is knowledge and understanding. The how and the why. These are the resources you'll take with you — not a piece of paper that says you're qualified, not family or social connections to open heavy doors.

I doubt that you've heard of Edward Hodnett, author of *The Art of Problem Solving*, but he has some harsh words for those who slough off the importance of knowledge: "Failure to accept this hard truth will put you among the half-baked artists, crank inventors, political dreamers and fakers in all fields, who find it easier to be different than to master the fundamentals from which they are deviating."

Where will you find this knowledge and understanding? Not through inheritance or intuition. It comes from absorbing facts, questioning and rearranging ideas in fresh ways.

*Four: Think of yourself as a bit of a juggler.* Too much preoccupation with any one thing — high marks,

girls, bull sessions — can become very boring. This is the time to talk of many things — of shoes, and ships, and sealing-wax, of cabbages and kings. . . .

A well-rounded person has three phases to keep in balance: the physical, the mental and the spiritual.

**I**t is a mistake to focus on one side of life and ignore the others. It is damaging to suppress feelings of fairness, pity, love and spiritual questions while galloping after monetary rewards. Or to push aside the necessities of life while wrestling with only deep, philosophical thoughts.

*Five: Try to be your own best friend.* Remember St. Andrew's College? In Grades 7 and 8 it was impossible to persuade you to wear a raincoat, even in a flood. "Nobody wears a raincoat," you told me indignantly. This social law was accepted without question by the masses.

As you get older, more and more people seem to want to do your thinking, don't they? (Even fathers are guilty.) Fashion designers get together and persuade us that this year ties are to be so wide and skirts are to go up or down. There's always somebody around trying

to tell us what's funny, what's scary, what's ahead and how we should handle it.

And the more we let them, the harder it is to make decisions for ourselves. Independent thinking, like olives, seems to be an acquired taste.

When I was 20 or thereabouts I wanted to write great books and raise fast horses. Many years later, I haven't done either, but that's okay because I've done other things instead.

Whatever you may hope to do with your life, Ken, you can expect that luck or fate, whatever you wish to call it, will intervene. Tomorrow will not be like today and not at all the way you expect it to be. Surprises are always lurking around the corner. And surprises are what make the journey so fascinating.

Finally, let me add that I hope you are lucky enough to find your good memories at university and take them away with you — whatever happens to be the 1980s equivalent of a coal-black '36 Chev.

**Much love,  
Dad**

*Laird O'Brien is a Canadian writer who lives in Toronto; his son, Ken, is now a student at Queen's.*

# Alumni Fund launches drive

by Pat Pinder

The Alumni Fund is embarking on a three year campaign to establish a million dollar endowment fund for alumni scholarships and bursaries. These bursaries and scholarships are more important than ever as tough economic times and cuts in provincial aid to universities have created severe problems for students.

The Alumni Association annually offers scholarships and bursaries totalling \$106,000 to deserving students. The endowment fund will ensure we can continue to help these students in the years to come.

This year's Fund drive involves three separate appeals. Regular alumni supporters will receive a letter from Alumni Fund Chairman Mel Reeves, BCom'75, MSc'77, explaining the endowment fund and its necessity. Alumni living in the USA will be sent a letter from the Friends of UBC, Inc. President of the "Friends", P. Gerrald Marra, BSc'63, will urge them to support endowment of the scholarships and bursaries offered to Americans who wish to attend UBC. And our most recent alumni, who have never participated before, will be invited to "brown bag it" for the Alumni Fund. Working grads will be asked to donate to the Alumni Fund money they would normally spend on a week's lunches. The Fund will supply the brown bag!

Last year's Alumni Fund Committee worked closely with Alumni Fund staff to raise \$491,138, an increase of 44 per cent over the previous year. The number of donors also increased — by 39 per cent over 1981-82. And the number of first time alumni contributors increased significantly as a direct result of the successful "nostalgia" campaign. Although no gift is too small, alumni rallied last year, with an average campaign pledge of \$67.

Where did the money go? Once again, the Alumni Association

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was able to provide alumni scholarships and bursaries to deserving undergraduate students. The Alumni Fund Allocations Committee, chaired by William S. Armstrong, BCom'58, LLB'59, distributes alumni gifts not specifically designated for other projects. It approved a total of \$35,178 to 22 separate student-related projects last year. The remaining funds were designated by donors to specific programs, activities or

facilities they wished to support. Separate campaigns provided support for the Allan McGavin Chair in Geriatrics, the Allan McGavin Sports Medicine Centre, the Emergency Child Day Care Centre and the Summer Program for Retired People Endowment Fund.

These projects would not be possible without alumni gifts. The University would like to thank the 5,586 people who donated to the 1982/83 Alumni Fund.

# Four Decades of youth gone by *by Alan Dawe*



*The clashing of bayonets was a common sight on the UBC campus during the Second World War. Each male student, including author Alan Dawe, had to spend six hours a week in military training.*

**W**hen I enrolled as a freshman at UBC exactly 40 years ago this September, "the gross, winter, daytime student enrolment was 2,569," or so an official in the registrar's office informed me recently, and the word "gross" to describe the student body of that distant time is hers, not mine.

In 1943, of course, the Second World War was still erupting, and most of us males in the freshman class were just putting in time, waiting to be old enough or bold enough to join one of the services and go off to war, something that many of us did at the end of that school year. When we returned to the campus one or two years later, UBC had mushroomed into a Big University, a state of mind from which it has never had to look

back. Today, in 1983, there are approximately as many gross freshmen on the campus as there were in the entire student body in 1943.

One of the advantages of attending UBC when it was only a mini-university was that the faculty was proportionately small and even lowly freshmen had department heads or other notorious campus characters as their instructors. Even more remarkable — now that I think back on it, though I suspected it seemed natural enough at the time — was that all five of the classes I was enrolled in were segregated sexually, a condition that I don't believe had anything at all to do with the subject matter that was being disseminated, since I wasn't

even taking biology. Class sizes, though, were about the same as I am told they are today. English and German (being humane studies) were taught in intimate sections of 40 or so, while my three other courses — mathematics, physics and chemistry — were dished out to approximately 200 freshmen at a time.

**F**or English 100, I had the renowned and flamboyant head of the English Department, Dr. G.G. Sedgewick, whose custom it was to offer an enriched version of freshman English to the 40 most promising males in the first year class. I hasten to add that I ended up in this section only because of

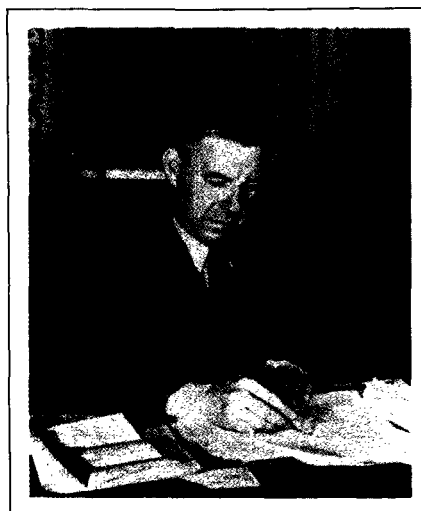


an unresolvable timetable clash, and as a result, had to spend one-fifth of my lecture time as a freshman surrounded by much brighter brains than my own, brains that have since gone on to become Harvard professors, heart surgeons, and controversial faces on television. But in spite of the high potential of the minds assembled in front of him, Dr. Sedgewick frequently became upset by the low-level intellectual effort we would put forth on the poems and short stories under discussion. It was his pleasure on such occasions to march up and down the rows rapping his selected freshmen on the head with his practiced knuckles and rechristening them with names appropriate to their intellectual capacities — Cretin, Moron, Imbecile, Idiot, Simpleton, and so on. In retrospect, I can see that this was only a great teacher's subtle way of providing us with the necessary vocabulary for the Age of Television that lay just around the corner.



*Dr. Garnet G. Sedgewick*  
1948

By the end of freshman English, Dr. Sedgewick had managed to convince most of his class that they could neither read nor write English. I don't know what effect this had on other members of the class (we have never held a reunion), but it did set me on the path to becoming an English teacher myself. Looking back on my career, I think I can say that I have been successful in convincing hundreds of students that they lack these fundamental skills. I have also speculated frequently on



*Walter Gage*  
1940

how Dr. Sedgewick would pace up and down in his grave if he discovered that the least promising student in his freshman class of 1943 was the one that has most enthusiastically carried on his great work.

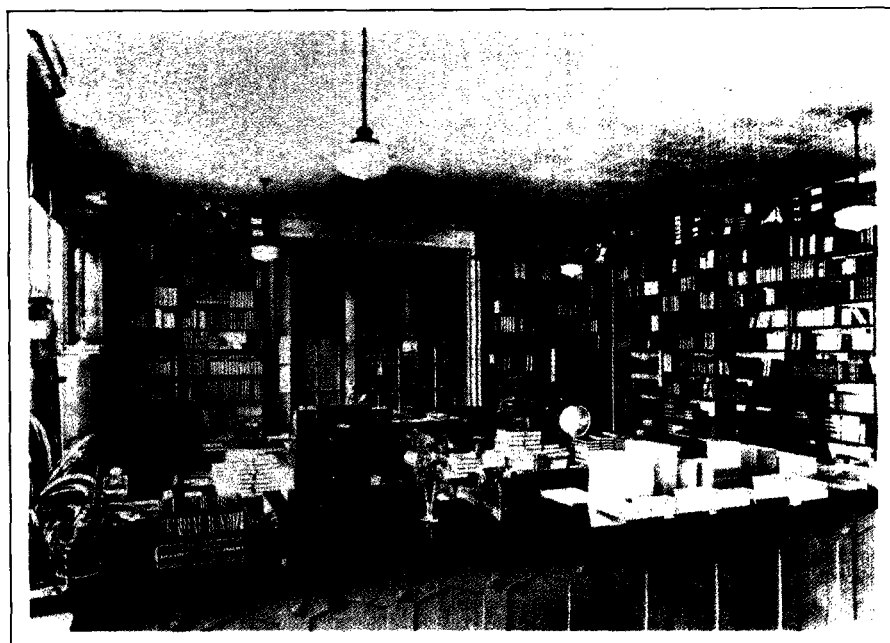
For mathematics, most of the males in the freshman class had Walter Gage in an 8:30 a.m. section that met on Mondays, Wednesdays and Fridays. Even at this relatively early stage of his long and legendary teaching career, Professor Gage was so confident that he could cover the Math 100 curriculum in about half the time that he felt free to spend the first part of every lecture warming up the class with college-level jokes. Most of these Gage

quips have faded from memory now, though I do recall that he once gazed unfondly into the Monday morning faces of his 8:30 section and declared that it was just like looking into a Yawning Chasm. Not great stuff, perhaps, but popular in 1943.

In German, we sat in stiff alphabetical rows while Dr. MacInnes (she had taught my father when he attended UBC in 1915) ranged remorselessly up and down the rows looking for the proper dative case ending for one of those irregular German adjectives. Across the Main Mall, in the noxious Science Building, a shy man named Dr. Petrie (I believe he later abandoned teaching and became an astronomer) taught physics, while chemistry was in the hands (and in the thick eyebrows) of a Dr. Hooley, who always received from his freshmen a good-natured cheer whenever one of his demonstrations went off with a bang, as they sometimes did.

**C**uriously, the labs in both chemistry and physics were co-educational, probably because the hand-sorting method of timetabling employed in those pre-computer days wasn't up to guaranteeing that the numerous lab sections scheduled for odd hours on late afternoons and Saturday

*continued on page 15*



*The University bookstore in Alan Dawe's time was definitely not self-serve, and a lot smaller than today's store.*



and it includes exchange of publications, research and teaching exchanges.

- Geological Sciences has hosted many visiting scholars and this fall they will welcome the first Chinese graduate students — the first of the new generation of post-Cultural Revolution students. Both professors Hugh Greenwood and Richard Armstrong gave lectures in China last year. Professor Jon Rau of the department is with CIDA for a year on unpaid leave working on a geological survey in Bangkok. (Like Venice, Bangkok is sinking into the ground.) Professor William Fletcher is with the United Nations on his second unpaid year in Malaysia.

- Axel Meisen, Associate Dean of Applied Science, reports that the Canadian International Development Agency (CIDA) has approved funding for a project he initiated. UBC and Chulalongkorn University are working on a project to develop Thailand's oil and gas industry. UBC professors will be travelling to Thailand to give courses. Thai engineering students will come to UBC to take masters courses in oil and gas exploration.

- School of Recreation and Physical Education professor Eric Broom led a study tour last year to look at the Chinese sport and recreation system. As a direct result, Cen Yue Fang, a senior official of the All China Sports Federation, will spend September to November with the school. Last year the university basketball team visited China, while this year the UBC hockey and volleyball teams will visit Japan.

- The Faculty of Commerce and Business Administration may have as many as 50 Chinese scholars studying for MBA, MSc (Bus. Admin.) and PhD degrees over the coming decade, as part of a long-term CIDA project. In August they welcomed their first three PhD students from Shanghai Jiao Tong University.

- Forestry has also worked out a research exchange with China. Through the efforts of Professor Oscar Sziklai's trip to China in 1982 six or more students will spend a month in China next year.

## National Universities Week campaign launched

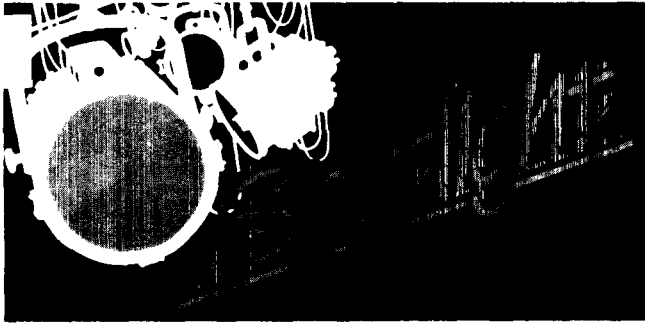


*Above: on location for one of three public service announcements promoting B.C.'s universities are (l to r) director Patrice Leung; Dr. David Suzuki, spokesperson in the television spot; Sandra Mayo on sound; and William Waring on camera. Below: David Suzuki's three-year-old daughter Severn stars with him in the 30-second television commercial produced for National Universities Week.*



The Alumni Associations of UBC, UVic and SFU have co-sponsored three public service announcements to promote the value of universities in B.C. These commercials are to be aired on television this fall as part of the Oct. 2-8 National Universities Week celebrations.

The announcements were produced thanks to a grant of \$5,000 from the Universities Council of British Columbia and the volunteer contributions of many talented individuals in the film industry. Special appreciation goes to the production crew Patrice Leung, Sandra Mayo, and Will Waring; Ray Hall and John Newton of the UBC Film Department and David Suzuki and his family.



20s



Brian P. Sutherland

Three UBC alumni were among a group of distinguished Canadians honored during the May 28 convocation ceremonies of the University of Victoria. Awarded honorary doctorates for their outstanding contributions to society were former diplomat **Hugh Keenleyside**, BA'20, LLB'45, journalist-historian **Pierre Berton**, BA'41, and educational administrator **Bernard Gillie**, BA'44, BEd'51.... Also honored recently was **Brian P. Sutherland**, BAsc (Chemical)'25, who had the distinction of receiving the first honorary degree (Doctor of Divinity) ever granted by Regent College, a graduate theological college affiliated with UBC. He was the founding chairman of Regent's board of governors, from 1968 to 1972, and served as administrative vice principal (without salary) from 1972 to 1974.

30s

Retiring after 28 years with CP Air in May, 1983 was **H. Don Cameron**, BA'38 (MA Toronto, NDC, Kingston). When he retired he was senior vice president, administration and public affairs

with the airline.... **Dr. Robert E. Bell**, BA'39, MA'41, is the new director of the Arts, Sciences and Technology Centre in Vancouver. He was hired after a year-long search that considered 167 candidates. He is currently a Rutherford Professor of Physics at McGill, and has served as both president and vice-chancellor of that university.

40s

**John I. Goodlad**, BA'45, MA'46 (PhD, Chicago), was recently awarded the Columbia University Teachers College Medal for Distinguished Service to Education. The author or editor of 20 books and 150 articles on education, Dr. Goodlad has served as Dean of the UCLA Graduate School of Education since 1967.... **Jim McKeachie**, BCom'48, is the new president of the Air Cadet League of Canada. Jim is Western Canada public relations director for CP Air in Vancouver, and a former newspaperman. He has been associated with the cadet movement since his college days.... Environmental consultant **W. Winston (Bill) Mair**, BA'49, MA'52, (NDC, Kingston), has completed his doctorate in public administration at the University of Beverly Hills. Bill has been associated with a number of federal and provincial government agencies, and was chairman of the Alaska Gas Pipeline hearings in northeastern and southeastern British Columbia.... **Christine Sheila (Weir) Nelles**, BA'49, LLB'50, is counsellor (transportation) at the Canadian High Commission in London. She has also worked for External Affairs in such spots as Warsaw and Vietnam.... Named to the board of directors of the new Vancouver Port Corporation is Alumni Association past president **Paul S. Plant**, BA'49. Plant will serve with six others on the board, which will manage the newly-independent port. He is president of Ralph S. Plant, Ltd., forest product wholesalers, and has been on UBC's Board of Governors and the University Senate, as well as the CBC board of directors.

50s

After 33 years of federal and provincial government service, **Rory Flanagan**, BSF'50, has retired as superintendent of Jasper National Park. Rory will continue to live in Jasper.... Kamloops architect **Bud Aubrey**, BArch'51, was recently elected to a two-year term as treasurer of the Architectural Institute of B.C. A fellow of the Royal Architectural Institute of Canada, Bud has headed the Kamloops firm of Aubrey MacKinnon and Partners for the past 27 years.... University of Prince Edward Island President Emeritus **Ronald James Baker**, BA'51, MA'53, has been awarded a \$268,000 Kellogg Foundation grant to run workshops for university chairmen and department heads. Mr. Baker continues in his role as a commissioner of the Canadian Radio-Television and Telecommunications Commission.... Victoria architect **Pamela Charlesworth**, BArch'52, has finished designing the Royal Oak Baptist Church in Broadmead, near Victoria. One of only two women in an architectural graduating class of 67, Pamela was recently the subject of a feature story in the Victoria Times-Colonist.... From Summerland, B.C., word that **William Gilmour**, LLB'52, has "semi-retired" from legal practice. Bill hopes to devote more time to golf and fishing.... Popular MP and MLA **Stu Leggart**, LLB'54, BA'55, has retired from political life to accept an appointment as county court judge in Vancouver. Mr. Leggart practised law in Haney, Port Coquitlam and Vancouver before entering politics.... The new chairman of the board of Vancouver's Holy Family Hospital is award-winning architect **Richard Archambault**, BArch'55. Mr. Archambault previously chaired Holy Family's planning and building committee and currently serves on the Greater Vancouver Regional Hospital District's hospital advisory committee.... **Brian A. Cooper**, BCom'55 (MBA, McMaster), was recently named vice-president, pulp and newsprint sales, for Crown Zellerbach Canada. Brian will operate from the company's Vancouver headquarters.... **Ray McFadden**, BEd'57, and his wife will go travelling after Ray's retirement as principal of Rutland Senior Secondary School. They'll continue to live in Rutland, where Ray has been an educator for 24 years.... As newly-appointed technical representative for Engelhard Industries West, Inc., **Ronald Hughes**, BCom'58, dispenses technical assistance to clients in 13 western states. Ron lives with his wife and daughter in Newark, California.... Former

UBC researcher **P.K. Jena**, MSc'59, has been honored by the Federation of Indian Chamber of Commerce and Industry for his outstanding research contributions to industrial development and interaction with industry. Professor Jena is director of the Regional Research Laboratory in Bhubaneswar, Orissa, India.



P.K. Jena

60s

After almost 19 years with the city engineering department in Penticton, **Murray Brown**, BAsc'60, has accepted a position as assistant city engineer with the City of Vancouver traffic division. His new position involves preparations for the huge traffic problems expected during the Expo '86 World Trade Exposition.... **David Durrance**, BSA'61, lives in Kalinga, in the Philippines, where he teaches in a three-room schoolhouse, and, along with his wife, Petra, is building a health clinic. David has introduced the growing of peanuts, cucumbers, potatoes, and other vegetables and fruit to the village, and brought in seedlings for reforestation.... The only American film to win a prize at the 1983 Cannes Film Festival was "Too Much Oregono," a comical eight minute short directed by **Kerry Feltham**, BA'61. Another Feltham short, "The Waltzing Policeman," was the official U.S. entry in both the Cannes and Berlin festivals in 1979.... Vancouver publishers Douglas and McIntyre have lately published a second revised edition of *109 Walks in B.C.'s Lower Mainland*, by the husband and wife team of **David (MA'60) and Mary (BLS'63) Macaree**. The book is a companion volume to the Macarees' earlier *103 Hikes in Southwestern British Columbia*.... **Raymond Chow**, BEd-E'64, wants to be the John Singer Sargent of Vancouver in the 1980s. The artist and photographer paints portraits of Vancouver's "beautiful people," as Sargent did for 19th century England and America.... From



Judy McGillivray

London, word of the recent publication of *Pillar and Tinderbox*, by **Robert McDonald**, BA'64. The book, an examination of the political and economic problems faced by the Greek press during the Dictatorship of the Colonels, is distributed in Canada by John Wiley and Sons. ... **Kenneth J. Gagliardi**, BSc'65, PhD'72, has been named director of technological programs at Kwantlen College in Surrey, B.C. Dr. Gagliardi comes to Kwantlen from East Kootenay College in Cranbrook, where he was director of academic and technical programs. ... **Dr. Jerrald Rowell M. Potts**, BSc'65, MSc'69 (DSc California) is doing blood plasma research at the Cutter Laboratories, in Berkeley, California. ... Based in Ottawa, but doing work with an international flavor, is **Margaret Catley-Carlson**, BA'66, who has been appointed president of the Canadian International Development Agency, effective Sept. 1, 1983. She has been assistant secretary-general of the United Nations, and deputy executive director (operations) for UNICEF since 1981. ... As well as working in Inpatient Child Psychiatry at B.C. Children's Hospital, **Sophia M.R. Leung**, MSW'66, also serves on the boards of a number of civic and community service agencies, including the Vancouver Community Arts Council, Arts, Sciences and Technology Centre, the Dr. Sun Yat-sen Garden Society, the Junior League and the Immigrant Resources Project. Sophia has published one book, *Discover China*, and is working on two others. ... Educational administrator **David MacKinlay**, BSc'67, MEd'74, has assumed the position of director of instruction for B.C. School District 56. He continues to work toward his doctorate through Seattle University. ... The youngest chief of staff ever at Grossmont Hospital in La Mesa, California, is **Dr. Gordon M. Lillie**, MD'68. The largest hospital in San Diego County, Grossmont has 400 beds and more than 800 physicians. ... Having completed his MD at the University of Antwerp, Belgium, **Reginald G. Orchard**, BSc'68, MSc'70, is now doing his internship in Edmonton. ... **Larry Millar**, BCom'69, has been appointed

vice-president and controller of the Vancouver-based B.C. Coal, Limited. He has been with the firm since 1972.

... **Judy McGillivray**, BEd'68, has just had her second book of poetry accepted for publication by Vesta Publishing. *Deep Streets* will be published sometime this Fall, says McGillivray, who has also had another book of poetry, *Time Lines*, published.

## 70s

**Gary Atkinson**, BA'70, LLB'73, is now secretary and corporate counsel of Yorkshire Trust Company, and is also secretary of Yorkshire's investment company for pension funds. ... Further afield is **Maynard Hogg**, BSc'70, who has been in Tokyo for about 10 years, and is "now trying to help Japanese companies clean up their foreign language documentation," he writes. He says that though translations of instructions with Japanese goods may be bad, the originals are sometimes even worse. ... As pastor to the Ecumenical Anglican-United Parish of Shuswap, **Brock Lupton**, BMus'70, oversees a parish extending from Pritchard through Chase and Adams Lake to Celista and Sorrento. Brock lives with his wife, Sharon, BSN'79, and their infant daughter in

Chase. ... Although he has been involved in music since the age of seven, **Bruce Fairbairn**, BSc'70, MSc'74, says he "never really considered music as a profession until I was out of university." Since abandoning a successful career as an environmental planner, however, Bruce has quickly established a reputation as one of North America's finest record producers. Among his productions are albums by Loverboy, Prism and Blue Oyster Cult. ... Another alumnus for whom music has been a lifelong interest is **Richard Hagman**, BMus'71 (MMus, Holly Names). A resident of Salmon Arm, Richard conducts the Shuswap Singers community choir. ... Cowichan Valley lawyer **Brian McDaniel**, BA'71 (LLB, York), won a competition staged earlier this year by the Canadian Bar Association. A brochure of Brian's design was judged by the Association to be the best example of the marketing of a practice by a Canadian lawyer. ... Young musicians in the Chilliwack area were tested by the Royal Conservatory of Music's **Edward Parker**, BMus'71, (MMus, Washington) in June. Parker teaches for the Music Conservatory and the University of Victoria. He is known throughout the west as an adjudicator and a recitalist. ... **Russ Burntuck**, BCom'72, was presented an International Senatorship by the Jaycees Organization during a recent ceremony in the Vancouver suburb of Richmond. Russ lives in neighboring Surrey. ... Two versatile writer-performers

continue to gain acclaim for their collaboration on a satirical "post-nuclear cabaret" which premiered last year at the Vancouver East Cultural Centre. Entitled "Last Call," the play is the creation of **Ken MacDonald**, BEd'72, and **Morris Panych**, BFA'77. ... From Atlanta, word that **Greg C. Thomas**, BPE'72, MPE'77, is now U.S. national marketing manager for AES Data, an information-systems company owned by the Canadian Development Corporation. Greg has been involved in high-tech industry since 1977. ... **Phil McOrmond**, BSc(Pharm)'73, MSc'75, is now director of pharmacy at Juan de Fuca Hospital, a 500 bed extended care facility in Victoria. ... Fine Arts graduate **Andrew Wong**, BFA'73, has been "vessel making" full-time since 1975. Samples of his pottery regularly appear in galleries throughout the B.C. Lower Mainland. ... Previously associated with a Vancouver architectural firm, **Bernd Hermanski**, BA'74, BArch'79, has now established his own business in Salmon Arm. ... **David James Innes**, BSc'74 (MSc, Dalhousie), recently completed his PhD in Biology (Population Genetics) at State University of New York. He is now doing post-doctoral work at the University of Windsor. ... As equal employment opportunities officer at Vancouver City Hall, **Leigh Woh-Peng**, MA'74, is responsible for career counselling and job placement of women, native peoples, the disabled and ethnic minorities. In the past, Leigh has worked as a Human Rights Officer for the B.C. and Nova Scotia governments,

# Stay in touch!

Name: \_\_\_\_\_ Degree: \_\_\_\_\_

Address: \_\_\_\_\_ Year: \_\_\_\_\_

How are you doing? Is there a new job, a marriage, a birth, or any other news you feel might be of interest to your former classmates? Use the space below to share your news:

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and as Alberta and Northwest Territories regional director of the federal Human Rights Commission.... **Barbara Apperley**, BHE'75, divides her time between caring for her two children and serving as president of the Adoptive Parents Association of British Columbia.... Several UBC alumni are working for the Calgary School Board's coordinated rehabilitation and education program for handicapped children in southern Alberta. They are **Susan Crossley**, BA'75, MSc'77, **Mary Rutherford**, BSc'78, BSR'82, **Sharon Henderson**, BA'81, **Louise Novinger**, BEd'82, and **Ann Forsyth**, Dip Ed Hearing Impaired'82, (BEd McGill), and **Kathy Whittaker**, who, while not an alumna, studied under Dr. R.F. Jarman of UBC for her thesis.... **Armstrong, B.C.**, resident **Jane Evans**, BA'76, MA'78, has been elected vice-president of the National Action Committee on the Status of Women. Jane is also a member of the Armstrong Centre Advisory Committee for Okanagan College.... **Winfred Liem**, BSc'76, has set up his own business, WJ Automation Bid Service, which provides computer-aided estimating for small building contractors. He is also working towards a graduate education degree at Simon Fraser University.... **Shona Ann Moore**, BA'76, LLB'79, was recently appointed vice chairman of the Labour Relations Board of B.C.... 1983 is proving to be a hectic year in the life of multi-talented **Nicola Cavendish**, BA'77. As well as appearing in three leading roles at the Shaw Festival at Niagara-on-the-Lake, Nicola is also contracted to stage a National Arts Centre production of "North Shore Live," a play which she co-wrote. Later this year, the production will tour Canada and the U.S.... **Corporate, government, and project finance specialist Christopher Jurczynski**, BSc'77, has joined the corporate finance department of Pitfield Mackay Ross in Toronto.... **Gary Brookfield**, BSc'78, MSc'81, is a guide/demonstrator at the Arts, Sciences and Technology Centre on Granville Street in Vancouver.... After four years with a travelling theatre company in England, **Eric Epstein**, BA'78, returned to Vancouver last summer. As artistic director of the Vancouver Shakespeare Festival, he is now helping stage under-the-stars productions of *Much Ado About Nothing*, *Othello*, and *A Midsummer Night's Dream*.... **Gary Lopaschuck**, BSc'78, MSc'80, PhD'83, has been in Hershey, Pennsylvania, conducting heart research on behalf of the Canadian Heart Foundation.... After only three years in the real estate business, **Michael Chang**, BCom'79, has become the top housing salesman among Block Brothers Realty's 2,000 agents. Michael lives in the Kerrisdale district of Vancouver.... **Christopher Moore**, BA'77, has been awarded the Governor-General's Literary

Award for non-fiction for his book, *Louisbourg Portraits: Life in an Eighteenth Century Garrison Town*. Christopher grew up in Nelson, though he now lives in Ontario. His father, Vincent, is the author of Angelo Branca's biography, *Gladiator of the Courts*, published a few years ago.

## 80s



Leanne Embree

**Colleen Giddings**, BEd'81, headed the choral division at the Kamloops-Interior Summer School of Music this summer. Other instructors there were **Gerald King**, BMus'75, and **Grant Fuergutz**, BMus'80.... **Leanne Embree**, BSc(Pharm)'83, was awarded a Parke-Davis Pharmacy Research Award Fellowship worth \$2000 by Warner-Lambert Canada, Inc.... **Douglas J. Morris**, BCom'80, has recently moved to Port McNeill, B.C., where he works as a real estate appraiser.

## Weddings

**Linda D. Falls**, BMus'69, MMus'72, to **Dr. Craig Nelson Markle** (BMus'73, MD'76, Calgary), on May 21, 1983 in Vancouver.... **Robert Gilbert**, BASc (Electrical)'71 to **K.E. Martin**, (BA'76, Queens).... **Sandra MacPhail**, BSc'80, to **Eric Fry**, on May 14, 1983 in West Vancouver.... **Tracy A. Moore**, BCom'76 (CA'79), to **Sandra K. Beran** (BEd, Oregon St., MEd, Portland St.), on March 5, 1983 in Portland, Oregon.... **Michael F. Gleeson**, BSc(Agr)'77 to **Cynthia Anne Accristo** of Buffalo N.Y., at Cecil Green Park, Vancouver, on June 11, 1983.... **Douglas J. Morris**, BCom'80, to **Wendy Joy Hine**, on December 11, 1982, in North Vancouver.... **Don Nilson**, BCom'76, to **Alison Mordell** of Montreal, on June 11,

1983.... **Mary Patricia Olson**, BMus'76 (MA, Washington), to **Paul William Alexander Mitchell** (BMus, Western Washington), on January 15, 1983 in Vancouver.... **Reginald G. Orchard**, BSc'68, MSc'70 (MD, Antwerp), to **Elisabeth Hollenweger** of Switzerland, March, 1983 in Edmonton.... **Darrell E. Rea**, BSc'74, DMD'79, to **Susan R. Brian**, BCom'79, in Vancouver.

## Births

**Bernard Aherne**, BA'67, and **Eroca Shaler** (b. Ann Baal), BA'65 (MA, SFU), a daughter, **Christabel Sidney**, August 11, 1982 in Mission, B.C.... **John Charles Bell**, BA'61, MA'72, and **Tiiu Jennifer Bell**, BEd'66, a son, **Stephen Timothy John**, March 15, 1982 in Vancouver.... **Brian A. Bruser**, BSc'70, LLB'74, and **Deborah C. Tate Bruser**, BA'72, MEd'78, a daughter, **Emily Catherine Tate**, January 22, 1983 in Smithers, a sister to **Rebecca**.... **Jack Burgar**, BEd'72 (MEd, Western Washington), and **Kathleen Burgar**, a son, **Matthew Alexander**, August 27, 1982, a brother to **Alyson**.... **Susan Clark**, BSc(Pharm)'73, and **Phil McOrmond**, BSc(Pharm)'73, MSc'75, a daughter, April 16, 1983.... **Ariel L. Anderson Eastman**, BEd'71, and **Barry W.R. Eastman**, BSc'68, a son, **Barratt Spencer Haynes**, December 10, 1982 in Vancouver.... **David E. Esau**, BASc'73, and **Arlene M. Bird Esau**, BHE'73, a daughter, **Lauren Elizabeth**, May 11, 1983, in Vancouver.... **Carolyn Gundrum**, BEd'71, and **Stefan Siarkiewicz**, a daughter, **Stephanie Morgan**, March 16, 1983 in Kelowna, a sister to **Christopher**.... **Laura Turecki Hansen**, BA'77, and **Colin Hansen** (BA, UVic), a son, **Ross Stuart**, May 10, 1983.... **Christopher T. Hatfield**, BSc'67 (MSc, Queens), and **Nancy Jill Newby**, BA'67, MA'69, a son, **Matthew Alexander**, September 1, 1982 in Vancouver.... **Kathy Johnson Jonker**, BSc'79, and **Jan Jonker**, a son, **Richard Willem**, April 4, 1983.... **Karel A.J. Jonker**, BA'72, and **Karen Farstad Jonker**, BEd'73, a son, **Christian Michael**, December 18, 1982, in Toronto, a brother to **Erik**.... **Michael J. O'Connor**, LLB'74, and **Karin Dianna Hartwig O'Connor**, a daughter, **Laura Geraldine Bernadette**, December 17, 1982 in Victoria, a sister to **Sean Daniel**.... **R. (Bob) Paterson**, BCom'68, MBA'69, (CA, AIC), and **Jan Paterson**, BEd'70, a daughter, **Susan Margaret**, November 29, 1982, in Burnaby, a sister to **Scott** and **Stephanie**.... **Shirley Pitt**, BA'81 and **Richard Pitt**, a son, May 9, 1983, in Victoria.... **Denis Salter**, BA'70, and **Susan Still**, MSc'71, a son, **Nicholas Alexander William**, February 19, 1983 in Calgary.

## Deaths

**Stanley Tremaine Arkley**, BA'25, LL.D'76, June 1983. Stan was a tireless supporter of the university, donating rare books to the library, and helping to found the Friends of UBC, an American alumni fund raising organization. He was vice-president of the Friends of UBC at the time of his death. He was granted an honorary degree in Library Science in 1976, and the Stanley T. Arkley Scholarship in Librarianship was established in his honor. He is survived by sons **Alfred** of Rochester, Ill., **Richard** of Seattle, and **S. Tremaine Arkley Jr.** of Independence, Ore., daughter **Allegra** of Attinson, Mass., his brother, **Heileman O. (Jack) Arkley** of Vancouver, B.C., and seven grandchildren.

**Stephen Taylor Bowell**, BASc'46, February 1983 in Cleveland, Ohio. A long-time employee of the SCM conglomerate, he served most recently as research director in the Consumer Paint Division of SCM's Glidden Corporation. Survived by wife **Betty**, sons **Stephen Michael** of Burnaby and **Jeffrey Taylor** of Westpoint, New York, and granddaughter **Kate Elizabeth**.

**Dr. Stuart Donald Cavers**, BASc (Chemical Engineering)'42, MASC'46, (PhD, Caltech'51), May 1983. Dr. Cavers taught at UBC from 1956 until his death. The author or co-author of nearly 50 research papers, his students were of major interest to him, and he wrote a number of papers on their employment prospects. He is survived by his wife **Geraldine**, and four children. In his memory a scholarship fund has been established. Donations would be welcome to the **Stuart D. Cavers Memorial Scholarship Fund**, University of British Columbia, 2075 Westbrook Mall, Vancouver, B.C. V6T 1Z4.

**Alexander Drdul**, BA'49, June, 1983 in Cincinnati, Ohio. An IBM executive working out of Toronto, he is survived by his wife **Lorraine**, and sons **Richard**, **Douglas** and **Jeffrey**.

**William Edward Dunbar**, BA'49, BCom'49, May 1983 in North Vancouver. A former Big Block member, he is survived by mother **Della**, wife **Shirley**, son **Donald**, daughters **Anne**, **Jane** and **Elizabeth**, granddaughter **Kimberley**, brother **Jim**, and sister **Della**.

**Julian Harrison**, BSc'77, MD'79, April 1983 in California. An avid outdoorsman and former president of the Varsity Outdoors Club, he was at the time of his death engaged in cancer research at the University of California at Berkeley. Survived by father **Lionel** of Vancouver, wife **Mary** of Gibsons Landing, grandparents **Eugenia** and **George Stone** of Vancouver, and one grandparent in England.

**Enid Stewart (Wyness) Harvey**, BA '32, MSW '50, June 1983 in Vancouver. After a distinguished career in social work in various Canadian cities, she was married five years ago to William H. Harvey in Vancouver. She was active in organizing the Class of '32 reunion last year and was also secretary of the Alumni Social Work Division. Among her accomplishments were 12 years as director of social service in the Division of Tuberculosis Control of British Columbia, and appointment as first director of Ottawa Civic Hospital's social service department. Survived by husband, William H. Harvey, and sister and brother-in-law, Eleanor and Robert F. Binnie.

**Robert H. Jones**, BA '47, November 1982.

**Edward R. (Ned) Larsen**, BA '48, April 1983. He joined the staff of Shawnigan Lake School shortly after graduation, and was appointed headmaster in 1958. He founded the Federation of Independent Schools Associations of B.C., edited the Canadian Independent Schools Journal, and represented Canada in squash and field hockey. In July 1982, he assumed the position of head of development for the Royal Museum of Ontario. Survived by wife Patricia of Oakville, Ont., son Thomas and daughter Brenda of Toronto, and daughter Cindy of Vancouver.

**John Phee Gordon MacLeod** (DSO, ED), BA '22, June 1983. Served with 196 Battalion, 46 Battalion, Irish Fusiliers of Canada, Westminster Regiment, and UBC Contingent COTC. Big Block member. Survived by

daughter Mrs. William E. (Shirley) Dunbar, son Donald Gordon MacLeod, grandchildren Don, Anne, Jane and Elizabeth Dunbar, Jennifer MacLeod, Mrs. Kathy Thurlow, and great granddaughter Kimberley Dunbar.

**H. Janette Mayers**, BEd '62, August 1982.

**Roger Pedersen**, BA '61, May 1983 in Vancouver. A native of Vancouver, he taught at Kitsilano Secondary School for almost 20 years. Survived by wife Joan, son Douglas, brother Edmund and sister Eleanor Gornall, and by a number of nieces and nephews.

**Walter Donald MacKinnon Sage**, BA '40, May 1983 in Point Roberts, Washington. He served with the Seaforth Highlanders of Canada and had a long and distinguished teaching career in Vancouver. Survived by wife Elsie, children Daniel, Donnetta, Elspeth and Suzanne, sister Margaret, and three grandchildren.

**Charles Morin Senay**, BSc '48, April 1983. Following his retirement from teaching, he continued to serve his community as a member of both the Rotary Club and the Grand Forks (B.C.) District Council. Survived by his wife, Kathleen, a son William, and three daughters, Sheila (BA '78), Phyllis (BPE '79), and Charlotte.

**E. Harold Tull**, BASc '33 (MASC, Western Ontario), July 1981. He served with the RCAF (1941-45) and later taught radar and electronics at the University of Western Ontario. In recent years he was on the faculty of North Western Michigan College. Survived by wife A.J. Tull.

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## Four decades of youth gone by...

*continued from page 9*

mornings were kept emotionally pure. Since these labs were about the only academic occasions when a freshman could get a real education by talking to a freshette, a general tone of depravity pervaded those two and a half hour sessions when we were supposed to be tracking down chemical unknowns or learning about acceleration by means of Fletcher's Trolley.

**P**erhaps the chief difference between being a UBC student during the war years and at any other time is that in addition to carrying a full load of labs and classes (in 1943 the part-time student had not yet been invented), the male students had to spend six hours a week in military training. Three of these hours were scheduled for Saturday afternoon, and through-

out the autumn and the spring, the roads in and around the campus were dotted with ragged groups of army, navy or air force officer-cadets who were route-marching their way into military preparedness.

When the winter rains arrived, we would be paraded into lecture halls to be given spell-binding lectures on military subjects delivered by our officers. A major from the Classics Department would recount the history of the Bren Gun, a captain from sociology would go on and on about military security, perhaps without realizing that the raunchiest members of his audience were taking everything he said about security as a double entendre.

But the undoubted high-point of these military lectures took place in Aggie 100 when Captain Osborne (later to become head of physical education at UBC) demonstrated the dangers of sloppy gunmanship by unexpectedly firing off a blank .303 cartridge, the boom of which aroused the

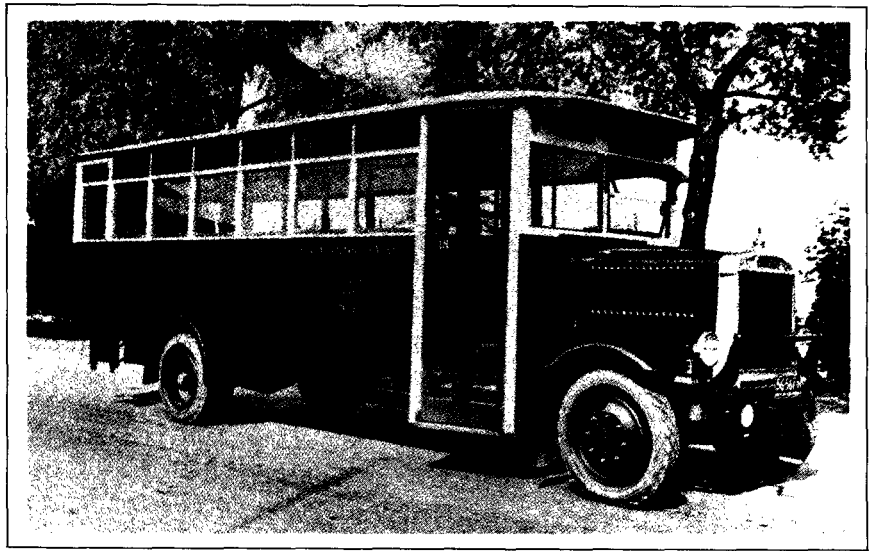
army, but set student patriotism back by about three weeks.

**E**ven the briefest set of reminiscences about the UBC of four decades ago should include something about the transportation problems that had to be faced in that era. In 1943, gas was rationed, so only the richest students drove cars. The poorer students, and most of the faculty, got to the campus via the streetcar and bus system operated by Hydro's ancestor, the B.C. Electric Railway Company. In 1943, Tenth Avenue boasted only a single streetcar line that climbed the hill from Alma to Sasamat, turned the corner and travelled north to somewhere about Fifth. Since what had come up on the single track couldn't go back down if something else was coming up, a sophisticated system of baton-passing between motormen was

*continued next page*

required to keep things untangled.

At Sasamat, those heading out to the campus lined up patiently on the northwest corner to wait for one of the two ancient, red, slug-like buses that shuttled endlessly back and forth between the campus and the Tenth and Sasamat corner. (The streetcar fare at that time was seven cents; the bus ride to the campus cost an extra nickel.) During peak periods, such as before an 8:30 a.m. class, the buses had to be really packed. In order not to leave anxious students standing on the sidewalk, the two regular bus drivers (I can still see their faces, though I don't recall their names) had become adept at driving a few yards and then slamming on the brakes in order to get the reluctant standees to move to the back of the bus. Many long-lasting campus romances and friendships began when one of the standees politely inquired of another: "Is



One of the "ancient, red, slug-like buses" that served the UBC campus, as seen in 1925, before it became ancient.

my rib crushing your elbow?"

In my memory, those early morning trips to UBC all seem to have taken place in the fog. Perhaps Vancouver really was foggier in those days, when most city

homes were heated by furnaces burning coal or sawdust. In any case, fog seems to be the perfect metaphor through which I can look back to being a UBC freshman 40 years ago. ■

## Norman MacKenzie House restored

It is vitally important to the future of our province that strong links be forged between our community and our University, says UBC Chancellor J.V. Clyne.

For this reason, the UBC Board of Governors, at its meeting in February of this year, decided to restore Norman MacKenzie House and complete renovations to enable UBC President George Pedersen to move into the house. The Alumni Association executive feels community involvement

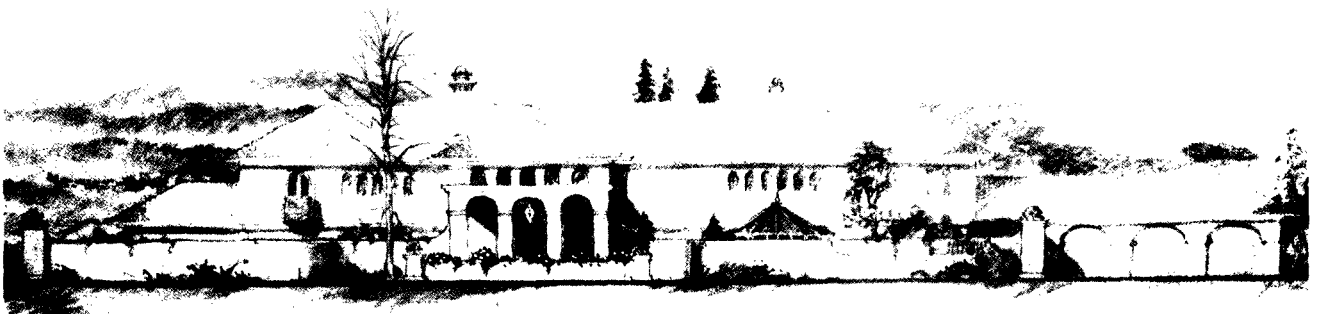
under Dr. Pedersen would be greatly enhanced by such a centre.

"Dr. Pedersen has agreed to live in the house," UBC Board of Governors Chairman David McLean said, "on the understanding that the amount of money spent on renovations will be the minimum required to make it habitable and that it will be used as a 'town-gown' centre for ensuring that the University has close contacts and a good relationship with a wide range of

individuals and community organizations.' The house is expected to be ready September 1, and to be available for entertaining October 1.

The house is located in a magnificent setting on three acres overlooking Howe Sound on Northwest Marine Drive, adjacent to the Museum of Anthropology. The house, built in the late 1940s, was used first by Dr. Norman MacKenzie, and by successive

*continued on page 18*





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**THE AMERICAN EXPRESS CARD. DON'T LEAVE HOME WITHOUT IT.™**

## Norman MacKenzie House restored...

*continued from page 16*

presidents of the University until 1974 when President Walter Gage elected to live off campus. On March 3, 1983, the Board of Governors, with the enthusiastic consent of Dr. MacKenzie, unanimously resolved to name the house 'Norman MacKenzie House' to honor its first occupant.

In light of the current economic conditions, the Board felt the University should bear only a nominal part of the cost of the restoration from its budget and that a campaign should be undertaken to raise the balance of the funds from interested donors.

In order to demonstrate its commitment to this opportunity for closer ties between UBC and the community, the UBC Alumni Association has pledged its support. Donations payable over five years are being solicited. All donations are tax deductible and cheques should be made payable to "The University of British Columbia" and sent to the Alumni Office, marked "Norman MacKenzie House."

*by Chronicle staff*

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## Reunions

Class of '38 — 45th anniversary  
Reunion Dinner  
Friday, October 21, 1983  
Ballroom, Faculty Club  
No Host Bar — 7 p.m.  
Dinner — 8:30 p.m.

Tickets \$21/person  
available from:  
Liz Owen 228-3313

Class of '58 — 25th anniversary  
Reunion Dinner/Dance  
Saturday, October 8, 1983  
Ballroom,  
Graduate Student Centre  
No Host Bar — 6:30 p.m.  
Dinner — 7:30 p.m.  
Dancing — 9:00 p.m.

Tickets \$30/person  
available from:  
Liz Owen 228-3313

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## News in brief

The Commerce Class of '78 held a reunion on June 11, 1983 at the Odyssey Room of the Hyatt Regency Hotel in downtown Vancouver. The wine and cheese party was attended by 40 grads and their guests.



## This graduate remembered UBC in his will.

*Dr. S. Morley Scott  
BA'21*

*To The University of British Columbia the sum of Three Thousand (\$3,000.00) Dollars in recognition of two "Returned Soldier Scholarships" granted me in the year A.D. 1920 and 1921; such bequest likewise to be devoted exclusively to the charitable activities of this University within British Columbia....*

When the late Dr. S. Morley Scott remembered UBC in his will, he made a personal commitment to the welfare of future generations. Like many UBC graduates, he recognized higher education as a vital means for the material and spiritual advancement of mankind.

Dr. Scott graduated from UBC with First Class Honours in Latin and History in 1921. Following further studies at Toronto, Oxford, and Michigan, he had a long and distinguished career both as an academic and as a diplomat and ambassador. Although his professional endeavours took him far from Vancouver to points as distant as Germany and Pakistan, Dr. Scott never forgot the contribution which UBC had made to his life and the lives of his family.

Dr. Scott's brother Gordon had graduated from UBC in 1919. Their father, Snowdon Dunn Scott, was a UBC "Founding Father." Family involvement with the University continues to this day, with representatives of the Scott family to be found in both the UBC faculty and student body.

Throughout its history, UBC has benefitted greatly from the generous bequests of alumni and friends of the University. Bequests can take many forms, and can be either unrestricted as to use or restricted to specific purposes.

For more information on how you can help UBC continue in its pursuit of academic excellence, please call or write:

**The University of British Columbia  
Development Office  
6251 Cecil Green Park Road  
Vancouver V6T 1W5  
(604) 228-3313**

# Not your Average bookstore

by Terry Lavender

The new UBC bookstore, which opened for business in June, is decorated in red and sells micro-computers.

It also sells books, of course, almost half a million of them, but they aren't all textbooks or specialized literature. There's a large selection of science fiction, general fiction, childrens' literature, and even humor. It is far bigger than most bookstores, with plenty of browsing room and aisles wide enough to handle even the annual crush of students in September.

The new bookstore is out of the ordinary because bookstore director John Hedgecock wanted it that way. Hedgecock sees a university bookstore as a resource, for both the university and the wider community. It not only supplies students with textbooks, but also with pens, stationery, stethoscopes and dissecting kits, and even personal computers.

The bookstore was also designed with the public in mind.

"We sell the things the private sector doesn't get into," Hedgecock says. The bookstore's extensive selection of current material helps professionals keep up with developments in their fields. And if the store does not have a certain book, it will order it, without extra charge, from anywhere in the world.

"Everyone can use the bookstore," Hedgecock says. "As (former UBC President Doug) Kenny says, we're not a monastery at the end of Point Grey. We're a provincial resource."

To make the bookstore more accessible to the public, Hedgecock fought to have it centrally located on University Boulevard, right beside the bus loop and easily accessible by car. The store is currently open 8:30 a.m. to 5 p.m. Monday to Friday, but Hedgecock hopes the hours can be extended eventually.

Hedgecock wants to make the bookstore a campus social centre,

or as he puts it, "A place where people want to be, where they can go for an hour or so if they find themselves with some free time."

He contrasts this with the old bookstore, not readily accessible to the general public and "a place to be avoided by everybody. It was crowded and grungy."

There will be special displays in the new bookstore — the first was an exhibit of rare books. Hedgecock is also trying to arrange book signing sessions with noted Canadian authors.

Alumni who recall having to search through monstrous stacks of textbooks in the old Armoury will be interested to know that in future all textbooks will be sold in the bookstore. The flexibility of the new store is such that display stands can be removed and snapped into place near the entrance to create another row of checkstands, just for the September rush.

The statistics of the new bookstore are impressive: It is the second largest in Canada in size and in expected volume of business (\$8 million last year). It is expected to sell between 400,000 and 500,000 books a year, or 250 tons of books. It cost about \$7 million to build, and takes up about 55,000 square feet on two levels, 35,000 square feet of it selling space. Hedgecock has 67 full-time people in his employ.

The store is really seven bookstores in one — general, language and literature, arts and humanities, social and behavioral sciences, health sciences, science and engineering, and professional (law, education, librarianship, architecture, landscape architecture, and social work).

Hedgecock is proud of the bookstore, and says he has been preparing for it since he became director seven years ago.

"When people ask me where I'm going on holiday I tell them I'm not. This is my holiday."



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Institute of Chartered Accountants of British Columbia



# Freedom of thought and public support key to UBC's future

*What changes will the future bring to UBC? Dr. William C. Gibson, BA'33, chairman of the Universities Council of British Columbia, was asked to offer his predictions at his 50th reunion dinner, held at the UBC Faculty Club on July 23, 1983. Excerpts from his talk follow:*

“As we enter a period where re-certification in all professions will be mandatory, the university will find itself offering greater and greater numbers of professional up-date courses, by face-to-face instruction, or more likely, by satellite television. Professional up-date will be a necessary activity in law, forestry, engineering, agriculture and in the sciences particularly.

To ensure future financial independence for thought and teaching by their professors, many of UBC's faculties will be seeking to develop named, endowed chairs. Already Commerce is leading the way with half a dozen such. Alumni and other sources are hoping to memorialize one of UBC's most popular chancellors, the late Allan McGavin, by creating this year an endowed chair in geriatrics. Not surprisingly a group at the other end of the age spectrum, is hoping to finance a Sports Medicine Clinic also in memory of Chancellor McGavin. An appeal for both projects has been launched by the Alumni Association. Already, in desperately crowded quarters in the Johnny Owen Field House, a remarkable group of physicians, physical educationists and rehabilitation personnel is seeing 480 referred injured athletes per week, from all parts of British Columbia. This “peak of excellence” can only grow in importance over the next

50 years, given space and manpower. The early part of the next half-century will see, no doubt, a life-saving amount of space freed up by the removal of the sciences from John Riddington's “castle” to a new, highly sophisticated Science Library where the original Agriculture building stood beside the bus stop. There one will someday find, I hope, library facilities for physics, chemistry, mathematics and engineering. The present Main Library's upper floor, with its high vaulted ceilings, from the north Kaye Lamb wing right through to the Walter Koerner south wing, will become the Norman MacKenzie Fine Arts Gallery. As the floors in that entire concourse were never stressed to carry the load presented by books, the gallery, promised to UBC's great post-war president so many times, could at last become a reality.

In the field of athletics UBC will continue to expand its intramural program, already the largest in North America. David Turner, Canada's all-time soccer great, here with us tonight, will see a gradual increase in on-campus soccer teams to a number well beyond the present 105! Teams and crews able to hold up their heads in international competition will still be bringing glory to UBC 50 years hence. They did this in 1933 when the men's basketball team won the Canadian Championship, and the women's basketball team won the world championship.

We are likely to see the development of a “system” of universities with high entrance standards, not relying for financing on the “numbers game.” If we are entering upon an era of financial stringency



let our public investment be in excellence! In terms of productivity it pays the best returns to society.

Since we were students on this campus its area has been doubled to approximately 1,000 acres. There still remains undeveloped an area of 1,700 acres in the misnamed “Endowment Lands.” These once-federal defence lands have become the target of a number of schemes, but it is the hope of many in our era that they will be used for three purposes only, in perpetuity: a forest park of 1,066 acres south of 16th Avenue; a reasonable reserve for UBC for unforeseen developments in the centuries ahead, such as Pat McGeer's Discovery Park; and public parks, playing fields and picnic grounds which will guard the fragile soil conditions north of Chancellor Boulevard.

Finally, we will look back in a few years upon 1983 as merely the prelude to good things in the health field. The revolution in the study of human genetics through gene-splicing and other new techniques will find UBC in the forefront as its nascent Centre for Molecular Genetics gets under way. With a nucleus of 30 geneticists on campus today we can look forward with confidence to the day when the defective gene can be isolated and compensated for, in some of the great killers, such as heart disease and cancer, and in some of the most distressing mental diseases — schizophrenia in the young and Alzheimer's in the old.

Provided there is freedom of enquiry as well as private and public support of excellence, the next 50 years at UBC will be as thrilling to contemplate as were the years 1933 to 1983.†”

# UBCreports

Published as a supplement to the UBC Alumni Chronicle by Information Services, University of B.C., 6328 Memorial Road, Vancouver, B.C. V6T 1W5. No. 18, Autumn, 1983. Jim Banham and Lorie Chortyk, editors.

## An interview with UBC's New President

*Dr. K. George Pedersen became UBC's eighth president on July 1 after a career as a teacher, administrator and scholar at all levels of the B.C. educational system. UBC Reports spoke to him in his office in the Old Administration Building early in August, the day before he left to attend meetings of the Association of the Universities of the British Commonwealth in England.*



**UBC REPORTS:** You've been president of UBC for a month now. Can you describe your major concerns in that time?

**DR. PEDERSEN:** Well, there have been two. One of them is the ongoing problem of our 1983-84 budget and even now, one month into the second quarter of the fiscal year, we have no clear idea of our financial position. That makes life very difficult and makes planning almost impossible.

(On Aug. 9, UBC learned that its general purpose operating grant for 1983-84 would be the same as the grant provided in 1982-83. In addition, no additional funds will be available in 1983-84 for expansion of the UBC medical school. Also eliminated from the 1983-84 budget were funds totalling \$1.7 million for projects which have received special funding in the past).

The second major concern is the proposed legislation known as Bill 3, the Public Sector Restraint Act. Bill 3, in my view, is unfortunate and unnecessary and will have an impact on the University if the provisions of the act are retained in their present form.

(Bill 3, in its original form, empowered public sector employers, including universities, to dismiss employees without cause. The bill gave the government the same authority. This clause removed tenure for all public sector

employees, including university teachers. On Aug. 4 the government introduced an amendment to delete the words "without cause" from the legislation. The effect of other amendments is to allow public sector employers and employees to negotiate layoff provisions in their collective agreements. When UBC Reports went to press the bill was still awaiting second reading in the Legislature).

Bill 3, if it becomes law in its present form, will unquestionably give B.C. a black eye in the international academic community. Most important, it will seriously affect our ability to attract and retain high quality scholars and teachers. They simply will not risk coming to B.C. if we are the only university jurisdiction in the western world that doesn't grant tenure and guarantee academic freedom.

Universities are unique in the sense that they're charged with developing new insights, new understandings, new knowledge and ensuring that these are communicated to students through classroom teaching. The issue of academic freedom focuses on whether scholars are completely free to pursue these activities without fear of internal or external interference and restraint. Bill 3 is being perceived in other jurisdictions as a denial of that freedom.

The bill is unnecessary, in my

view, because we have provisions in each of the contracts that apply to employee groups that allow us to deal with the question of financial exigency. The one area where we are not totally complete is with faculty... we haven't worked out the criteria and procedures that will apply if a reduction of faculty numbers is necessitated by financial exigency. But the fundamental notion that such a reduction can be carried out on the basis of financial exigency is accepted.

And I would be the last person to argue that the tenure system is free from abuse. But if that's a concern, the issue becomes how one cleans up that act, as opposed to using restraint as the basis for acting on dissatisfaction with the tenure system.

I have written to the premier asking that modifications be made to the legislation prior to its passage.

**UBC REPORTS:** You mentioned earlier the problems resulting from the fact that we don't yet know what our operating budget will be for the current year. A second problem is that UBC continues to receive minimal increases in its operating grant. What options does the University have in the future if we continue to get minimal increases?

Continued on Page 22

The new dean of the Faculty of Forestry at UBC is Prof. Robert W. Kennedy, a versatile wood scientist who has combined a university career with research on new wood-based products for industry. Prof. Kennedy became head of the UBC forestry faculty July 1, succeeding Prof. Joseph Gardner, the faculty's dean since 1966. Prof. Kennedy received his Master of Forestry degree from UBC in 1955 and taught at the University of Toronto before returning to B.C. to join the Western Forest Products Laboratory (now called Forintek) at UBC. He joined the UBC faculty in 1979 and was recently named head of its Department of Harvesting and Wood Science.

**DR. PEDERSEN:** Two things come to mind. First, I don't think universities can continue to take in more and more students without increases in operating grants. I think all the public universities are going to have to look seriously at putting some kind of limitations on their enrolments.

That doesn't seem to bother the government too much, if its viewpoint is reflected by the minister (Dr. Patrick McGeer, provincial minister of universities). He seems more interested in the quality of students we're taking in, rather than the number... I think that policy has the potential to be difficult for the government in the long haul, especially when it becomes increasingly evident to more and more people that they can't get their sons and daughters into university.

Limiting enrolment is clearly a difficult step for the universities to take, but I don't think we have much choice. If we don't take that position we would have to acknowledge that we have sufficient funds to continue to grow without the additional support that's implied as the result of enrolment increases.

The second aspect of the question is how the University maintains quality of education and indeed, builds on it, at the same time as it's faced with restraint. There are two basic ways one can go.

The first is to say we will all make across-the-board cuts over some period of time and continue to support all areas equally on the earlier budget base. I have a problem with that. It's a neat solution simply to say that everyone has to take a two- to five-per-cent cut, or whatever the required level of cutback. But in the long-run, UBC will not be served well by that approach.

So one has to have time to go through the exercise of knowing where we have strong academic units that continue to get supported... where we have units that perhaps need improvement... where it would be possible to reduce the complement of people in those units without harming them in an academic sense.

I think it's important for people to realize that the restraint problem is not here just for 1983-84. It's likely to

be with us for three to five years. As I understand it, the provincial Treasury Board is not expecting an improvement for at least that period and any improvement in that period is largely dependent on the government's ability to get its bill for health services until control...

It's my understanding, too, that the major forest companies in B.C. will not be paying any corporate tax for the next three years because they have tax losses they can write off

## NEW TEAM

A new team of vice-presidents is assisting President George Pedersen in the day-to-day running of the University.

The new vice-president academic is Prof. Robert H.T. Smith, who was associate vice-president academic until June 30. Australian-born Prof. Smith joined UBC in 1975 as head of the Department of Geography.

Succeeding Prof. Smith as associate vice-president academic is Prof. R. Doncaster Russell, a UBC faculty member for 24 years and associate dean of the Faculty of Science until June 30. Prof. Russell is a former head of the Department of Geophysics and Astronomy and has been a member of both the Board of Governors (1978-81) and the Senate (1967-68).

Joining UBC on Jan. 1, 1984 as vice-president finance will be Allan Bruce Gellatly of Waterloo University, who has been that university's vice-president finance and operations since 1970. He succeeds William White, who retired in July.

Continuing as vice-president for University services at UBC is Prof. James Kennedy, former director of UBC's Computing Centre and a faculty member since 1966. Also continuing as vice-provost for student affairs is Dr. Neil Risebrough, former assistant dean of Applied Science and a UBC faculty member since 1963.

over that time. So there's no doubt the government has some difficult choices to make in terms of getting its own budget in order.

As far as UBC is concerned, we have to start to do the longer-term planning that's necessary to deal with a period of restraint that is longer than just the short run. So in answer to the question, we may not be bigger, indeed we may be smaller. But the question is, can you reduce size and at the same time maintain the existing quality of the institution or even build on it? That's a very difficult assignment.

**UBC REPORTS: Are you proceeding on the assumption that the University will get no increase in its operating grant for the current fiscal year?**

**DR. PEDERSEN:** Yes, that's my expectation and, indeed, we may be faced with a decrease, partly because of enrolment shifts within the system and partly because there has been no money made available in the current year for the industrial education program in the Faculty of Education. For us, that means something in excess of \$1 million and we will have to take a hard look at how we deal with that. Previously, the program was funded by the Ministry of Education.

The second difficulty we have is a shortfall of about \$1.1 million as a result of the faculty salary increases that were provided last year. At the moment, the bulk of that — 75 to 80 per cent of it — has been accommodated by appointments that haven't been allowed to go forward. In the time that's left to us before the start of the 1983-84 winter session, it may be that that's the only way of dealing with the shortfall. It would normally take you a whole year of planning to deal with a situation like that, so it's a far-from-ideal situation.

It's not clear, either, what will happen with some of the special-category grants. For example, the medical-school expansion money of some \$8-plus million has been rolled into the University's basic operating grant and the question in our minds is: Will a portion of that be distributed to the other two universities?

We're hard enough strapped with the 130 students we're now taking in annually in medicine to meet the

## UBC reports

The provincial government has approved funds for the planning of a \$6 million pulp and paper teaching centre in UBC's Faculty of Applied Science. The Pulp and Paper Research Institute of Canada will provide \$1 million a year for operating costs, plus \$250,000 annually for fellowships for graduate students using the facility. The centre is expected to be operating within two years. Also under consideration by the federal government for location in Discovery Park UBC is a new \$13 million national pulp and paper research facility.

financial needs there. It would be terribly difficult if that were reduced, and while we are going to admit 130 in September, there will be no increase in intake because no additional funds have been provided.

There is some difference of opinion between the University and the minister (Dr. McGeer) on this matter and his position is that he has given UBC enough money to enable it to take in 160 students, which would mean that we had reached the objective of doubling enrolment in medicine. The Faculty of Medicine has taken the view that it can't do that.

**UBC REPORTS: What's your feeling about the present level of student fees? Are they high enough or will UBC have to take a hard look at that?**

**DR. PEDERSEN:** I have a schizophrenic view of fees...two views that make some sense to me.

One is to go to the British or Australian system, where you have no fees. Under this system there are very demanding standards for getting into university, but once admitted the students pay nothing and no one who has the capacity for a university education is denied the opportunity to go.

The other route is that of charging considerably higher fees to the student...considerably higher than we now charge. This is based on an economic argument which goes like this: The present relatively modest level of fees that students are required to pay serves as a subsidy to those of us who can afford to pay higher fees to send our children to university.

I am an example of an individual who can obviously pay higher fees to send my daughter to university in this province. In effect, what I get is a subsidy of the difference between whatever level we think would be the right one to set and the current levels.

That latter view, of course, terrorizes a lot of people. The corollary that has to be in place with that option is a very effective aid system to ensure that qualified students aren't denied admission on the ground that they don't meet the financial requirements.

We have to recognize that over the



Just before building what is now UBC, Dr. Pedersen visited the site of his family's original home in the Peace River district of Alberta and dismantled the log cabin in which he was born. He plans to rebuild it on Bowen Island in Howe Sound near Vancouver.

years, universities have allowed the proportion of the operating budget that's carried by students to be reduced substantially and this has created the expectation among B.C. students that their tuition fees are going to be relatively lower than elsewhere. So it's difficult for them to accept the idea of substantial increases.

I'm of the view that this is something the three universities should sit down and discuss together and come to some agreement on what proportion of the budget should be borne by student fees, ensure that we have an adequate financial aid program so that good students aren't prevented from enrolling and ensure that the three institutions have the same level of tuition fees.

**UBC REPORTS: This issue of UBC Reports will appear in The Chronicle, the UBC Alumni Association's magazine. How do you see their role in university affairs?**

**DR. PEDERSEN:** First, it's important I make clear that I regard the alumni of any university as a tremendously important asset to the institution. I've always lamented the fact that in Canada we haven't been able to generate the loyalty and strong support that our American counter-

parts have been able to generate among their graduates. In part, the universities have to take some blame for that...we haven't worked as hard at generating enthusiasm as we could and should. And that in no way reflects on the Alumni Association...I'm simply saying that the University as a whole has to recognize the importance of its graduates and we should probably be doing a much better job of ensuring that communication with them is the very best we can do with whatever resources we have available.

I hope it will be possible for me to visit our branches and also set up some kind of program whereby UBC people, when they're going anywhere, have an opportunity to meet with alumni from this institution.

Alumni ought to be proud of their university, ought to be in a position where they're anxious to support it...Universities don't always do things that thrill all our graduates. Obviously, there ought to be an opportunity for them to let us know when we're not doing things as well as we should or if there are better ways to go.

I guess the message is that the wel-

Continued on Page 26

B.C.'s three public universities, the provincial government and the Universities Council of B.C. have agreed to mount a strategic planning project aimed at creating a master plan for the future development of B.C.'s university system. A project management committee of about 20 persons representing UCBC, the universities, the provincial Treasury Board and ministries of education and universities, will oversee the project. UCBC hopes to complete the project by the end of 1984.

## OFFICIAL ELECTION NOTICE

Notice is hereby given that the election of the *Chancellor* and of ELEVEN members of the Senate to be elected by the members of Convocation of The University of British Columbia will be held on Thursday, March 8, 1984.

Candidates eligible to stand for election to the Senate are members of Convocation who are not members of the Faculties of the University.

The term of office is three years. The Convocation Senators will take office on September 1, 1984. The Chancellor will take office on June 25, 1984.

Nomination procedures:

1. All nominations of candidates for the office of Chancellor must be supported by the identifiable signatures of SEVEN persons entitled to vote in the election of the Chancellor and carry the signature of the nominee indicating willingness to run for election.
2. All nominations of candidates for membership in the Senate must be supported by the identifiable signatures of THREE persons entitled to vote in the election of the Senate.

*Nominations for these offices must be in the hands of the Registrar no later than 4:00 p.m. on Monday, November 7, 1983.*

In accordance with the *University Act*, an election register has been prepared showing the names and known addresses of all members of the Convocation who are entitled to vote at an election and the register is open for inspection at all reasonable hours by all members entitled to vote.

K.G. Young,  
Registrar,  
The University of British Columbia,  
204 - 2075 Wesbrook Mall,  
Vancouver, B.C., Canada,  
V6T 1Z2.

### List of those currently holding office in the 1981-84 three-year term:

#### *Chancellor*

The Honourable J.V. Clyne, C.C., K.G.St.J., B.A.

#### *Senate (listed in alphabetical order)*

William Henry Birmingham, B.A., B.Arch.

Mary F. Bishop, B.A., M.A.

Grant D. Burnyeat, LL.B.

Patricia Macrae Fulton, B.A., Dipl.Soc.Work

William Mawhinney Keenlyside, B.A., A.M., Ph.D.

Anne Elizabeth MacDonald, B.A.

Elaine McAndrew, B.H.E., M.B.A.

James F. McWilliams, B.S.F., M.A.

Ruth E. Robinson, B.S.N., M.A.

Charlotte L.V. Warren, B.Com.

G. Vernon Wellburn, B.A.Sc.

## Arts festival in planning

A UBC committee is putting the final touches on a series of events to mark National Universities Week Oct. 2-8.

As a prelude to National Universities Week, B.C.'s three public universities have joined together to sponsor a public ceremony in the Queen Elizabeth Theatre on Sept. 26 at which the new presidents of Simon Fraser University and UBC — Drs. William Saywell and George Pedersen — will be officially installed in office.

A highlight of National Universities Week on the UBC campus will be a Festival of the Arts, which will include an art exhibit, theatrical, dance and musical performances as well as other displays and exhibits.

Other events being planned include athletic competitions involving teams from the three public universities and a series of lectures in downtown Vancouver.

National Universities Week at UBC will wind up on Oct. 8 when Dr. Pedersen addresses the Vancouver Institute, a Saturday-night lecture group which has been meeting at UBC since 1916.

Dr. Pedersen will speak at 8:15 p.m. in Lecture Hall 2 of the Woodward Instructional Resources Building on the campus. His topic will be "Education Under Siege: Academic Freedom and the Cult of Efficiency."

Dr. Pedersen, who is co-chairman of the national committee planning the cross-country event, said the purpose of National Universities Week is to demonstrate the essential role of universities in regional and national development, focus public opinion on the value of university teaching, scholarship, research and public service activities and to emphasize university contributions to the economy.

Alumni who want further information about campus and off-campus events associated with National Universities Week should call UBC's Department of Information Services, 228-3131, for details.



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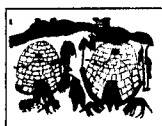
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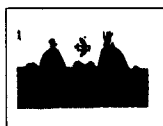
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The first clinic in B.C to focus exclusively on problems related to high blood pressure is now operating in the acute care unit of the Health Sciences Centre on the UBC campus. A team of health professionals led by UBC pharmacologist Dr. James Wright now treats more than 80 patients and hopes to increase that number to two or three hundred.

## Continued from Page 23

fare of a university is dependent on a whole variety of collective groups, and that certainly includes the alumni. They have a lot of opportunity to influence the place in a variety of ways — they elect people to Senate and are appointed or elected to the Board. But the number of people who can participate in that way is limited and what is critically important is to give every support possible to the Alumni Association in its efforts to strengthen its branches to a point where there's more active involvement and good communication with the University.

I don't say all these things just to ensure that we get fiscal support from our alumni... obviously that's important and I wouldn't want to minimize it. But from my point of view it's more important that we have the moral support of our graduates... that they be in a position that when things aren't going the way the University thinks they should, they're prepared to speak up and suggest to elected representatives and others that it is important to support our universities well.

**UBC REPORTS: Do you have some general philosophy of higher education that underlies your activities as an academic and president?**

**DR. PEDERSEN:** As I reflect on the things that have influenced me over the years, there are a couple that come to mind. One is something that I didn't realize until fairly recently, but probably should have much earlier. It really has to do with my parents, who came to this country as immigrants and started out in a very modest way. They did two things — they worked very hard and felt that when you did something you did it as well as you possibly could.

I guess those are fundamental premises I've operated on for a long time without thinking it through very clearly. It's important to recognize in any university that the success of the institution will largely depend on its various groups of employees being willing to do both of those things. I think it essential that every faculty member, every support-staff member and everyone else associated with the University recognize that it's still fashionable

## Any outstanding institution is constantly alert to ways it can improve.

and appropriate to work hard and to do things extremely well. Those things have stood me in tremendously good stead.

Related to that was the experience I had at the University of Chicago. I had the privilege of attending three good universities — this one, the University of Washington and Chicago, but I have to say that the latter had the greater impact on me in terms of the need to excel academically. After two hours at Chicago I wasn't sure I was in the right place in the sense of knowing whether I could handle the program academically.

I had exactly the same experience when I was hired back by Chicago as a faculty member. I had the feeling that it was a place that was more demanding than I was capable of handling. However, I survived both as a graduate student and a faculty member reasonably well and came away with the view that academic excellence, while a trite term, is really very meaningful to me.

Chicago set out to do high-quality research and high-quality graduate education, which are closely inter-related, and they have managed to retain that over the years. As a result, Chicago has had a marvellous and quite overwhelming impact on people who have gone into higher education. The fact that some 59 of their faculty members have received the Nobel Prize over 25-30 years reflects the quality of that institution.

Now I don't want to give the impression that I think we can turn UBC into the University of Chicago. We couldn't and shouldn't. But I think that as an institution we have to be constantly alert to two things — we have to be alert to our strengths and ensure that those are well supported and secondly, where we have inadequacies, we have to search for ways to improve them. Any institution that's outstanding academically

is constantly alert to ways in which it can improve.

I'm not sure we in Canada have always understood that as well as we should. There's an attitude which says, "Well, we do quite well." But unfortunately, we don't have in this country a university that can be described as truly international. We don't have the equivalent of an Oxford, Cambridge, Harvard, Stanford, Chicago type of institution anywhere.

I'm sure the University of Toronto wouldn't agree with that and I know it has units within it that are outstanding... so does this university. But I think it's better to be realistic about your situation and see if you can't become better. If I have a wish of any kind during my five years as president of UBC, it would be that when I've finished that term people would be able to say that UBC is a better place academically than it was when I came into the job.

**UBC REPORTS: You set yourself a rather punishing physical pace as president. You're usually at your desk about 7 a.m., are you not?**

**DR. PEDERSEN:** Yes, I'm inclined to come to work early because I'm one of those people who, fortunately or unfortunately, doesn't need a lot of sleep... five hours is usually sufficient for me. I start about seven and my wife and I usually have a fairly demanding social schedule, which means there is usually something on in the evening as well, often seven nights a week.

I guess it's a question of how you make gains... I regard myself as reasonably open, which means that most people who want to see me have the opportunity to do so. Mail and other office duties I do in the early morning, on weekends, whenever I can, so I have as much opportunity as possible to interact, not only within the organization, but outside as well.

I've always operated this way, even when I was an elementary school principal. I'll probably be inclined, however, to take vacations more frequently than in the past... I think you can only go so long at that kind of pace and then you do have to take a break. I just finished four days of fishing, which is the first time in my life that I've taken that sort of time off.

## UBC reports

UBC has joined forces with Canada's national tennis body to establish a training centre for top tennis athletes in the western provinces. Under an agreement between UBC and Tennis Canada, UBC will construct four tennis courts and erect an all-weather "bubble" roof for the facility. The \$250,000 bubble will be donated by Tennis Canada. UBC will recover the cost of constructing the centre over a three-year period through revenue charged for the public use of the centre.



*Bamfield Marine Station overlooks the lower reaches of Barkley Sound on Vancouver Island.*

## A bit of UBC on B.C.'s Outer Coast

A little bit of UBC is located at the tiny fishing village of Bamfield on the west coast of Vancouver Island on the south side of Barkley Sound.

Eleven years after its founding in 1972, the Bamfield Marine Station has established itself as a premier centre for research and teaching on marine biology in North America.

Owned and operated by the Western Canadian Universities Marine Biological Society (WCUMBS), the station is the only marine laboratory operated by universities in Western Canada and the only facility operated by the government or universities on the outer coast between Oregon and Alaska.

Participating universities in WCUMBS are the three public

universities in B.C. and the Universities of Calgary and Alberta.

According to Bamfield director Dr. Ron Foreman, a member of UBC's zoology department, the station has excellent potential to become an internationally recognized facility if the member universities and the two provincial governments want to go in that direction.

He said that many marine field stations have failed because their sites were encroached upon by urbanization or spoiled by pollution. The remote location of the Bamfield site and the environmentally protected adjacent area assure a long-term, relatively unpolluted environment for scientific work.

"A recent study by the International Seaweed Society listed about

150 marine field stations where scientists could do research," Dr. Foreman said. "Of that number only two had a greater variety of habitats for study than we. We have tremendously rich flora and fauna, and more than half the species known to occur in B.C. and Washington are found near the station."

The initial goals of the station have been achieved: it has established a base for undergraduate and graduate teaching and it provides facilities for research. Eight university courses are taught during the summer and more than 100 researchers use the station each year. In addition to credit courses, the station runs a variety of educational field trips in the fall and

**Continued on Page 28**

## UBCreports

Vancouver lawyer David G. A. McLean, a graduate of the University of Alberta and a former lecturer in the UBC law faculty, has been elected chairman of UBC's Board of Governors for 1983-84. He took up his duties as board chairman on Sept. 1, succeeding Dr. Leslie Peterson, Q.C., chairman for the past four years and who continues as a Board member. Mr. McLean has been a Board member since 1980 and has served as chairman of its property committee for the past two years.



spring for groups ranging in age from elementary school children to adults.

The present value of land and facilities is about \$12 million and the annual operating budget is about \$850,000. Last year, the Devonian Group of Charitable Foundations of Alberta and the Alberta government funded a new library and visitors' lobby at the station and the purchase of a new 13-metre research and teaching vessel, the M/V Alta.

The station has no research programs of its own, operating as a service facility for researchers from Canada, the United States and other countries. Accommodation, laboratory space and equipment, technical support and boat and diving support are organized for researchers requesting space. "The station is now operating at or near capacity," says

Dr. Foreman, "and WCUMBS is currently reviewing the options for future development of the facility.

"The steadily increasing demand for existing laboratory space and accommodation is creating pressure for further expansion and we are carefully considering the future role of the station in terms of the five west coast universities, as well as to Canada and internationally. While in part a philosophical decision, any future development must be based on sound forecasts and planning."

One approach currently under review is to establish a semi-autonomous centre for research on marine toxicology and environmental physiology. Encouragement for this has come from several oil companies who would like to see an increase in basic research on petroleum-related

problems. Industry representatives have recognized for some years that many environmental problems are not going to be solved without an improvement in our basic knowledge of physiological mechanisms.

The station is internationally known for its research on primitive fish - animals with incomplete or partial backbones. Studying primitive fish provides a window of understanding into how animals, including humans, evolved.

The station's first international symposium - planned for 1985 - will be on recent advances in the biology of primitive fish, the first such gathering since a Nobel meeting in Sweden 16 years ago.

Other areas of research include fish physiology - the study of how organs in fish function - and marine

## UBC reports

Recent appointments approved by the Board of Governors are Prof. Trevor Heaver as director of the Centre For Transportation Studies; Prof. George McWhirter as head of Creative Writing; Dr. Krishna Srivastava as head of Electrical Engineering; Prof. Ronald MacGregor as head of Visual and Performing Arts in Education; Prof. Lawrence Downey as head of Administrative, Adult and Higher Education; and Dr. John Graham as head of Agricultural Economics.



*Busy labs at Bamfield Marine Station provide facilities for student teaching (far left, opposite page) and for researchers like UBC's Dr. John Gosline (right, opposite page), who studies squid locomotion. Above, Dr. Ron Foreman, right,*

*director of the Bamfield station, visits UBC's Prof. Norman Wilimovsky, who studies intertidal fish and marine life populations on property he owns on a small island in Barkley Sound near Bamfield.*

plants. UBC researchers are involved in such diverse studies as intertidal fish populations, the respiratory physiology of fish, squid locomotion and the chemical ecology of marine invertebrates.

Dr. Foreman and other colleagues have made the station an international centre for the study of marine botany.

"The diversity of marine plants that grow in B.C. is fantastic," Dr. Foreman said. "More than 30 species of kelp occur in B.C. and in almost all other areas of the world where kelp is abundant it is harvested commercially. So far, efforts to develop this resource in B.C. have been unsuccessful.

Dr. Foreman developed a method of estimating the amount of surface-kelp canopy available in an area —

in much the same way that aerial photographs are used in the forest industry to estimate total wood volume in a forest stand.

He has completed an extensive study of one of the two major kelp species in the province and a colleague at Simon Fraser University, Dr. Louis Druehl, investigated the other.

The B.C. Marine Resources Branch estimates that more than half a million metric tonnes of these two species are present in major harvestable beds in B.C. The productivity, annual growth per unit area, in good kelp beds is greater than that in our provincial forest, Dr. Foreman said.

Recently, Dr. Foreman, UBC

botany colleague Dr. R.E. DeWreede and Dr. J.N.C. Whyte of the federal Department of Fisheries and Oceans undertook a detailed analysis of the chemical substances found in various species of red algae. Some of the chemicals detected potentially have a high commercial value.

The researchers are refining their work and preparing an economic feasibility report for the B.C. Science Council on industrial production of certain high-value chemical substances from red algae.

"What we are working towards is a product with a high enough market value to overcome the high costs of seaweed culture in B.C.," Dr. Foreman said. "It's our hope that other commercial seaweed investments will follow."

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If your company has a Matching Gift Program but is not listed here, check with your administration to see if the University of British Columbia is eligible. A complete listing of U.S.A. companies which match gifts is available on request to the Alumni Fund office. (Not all of them extend their programs to Canadian universities, but it's worth checking.) This program is one of the many ways business is supporting higher education.

For those companies marked with an asterisk, the program applies only to employees in the U.S.A. and its possessions.

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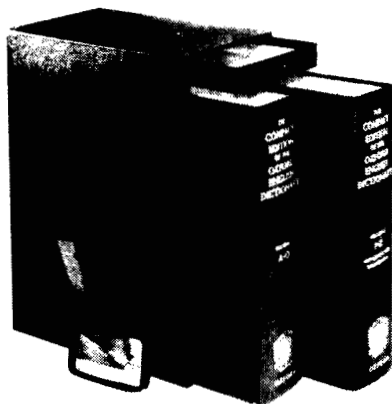
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Next time that rare big-ticket bargain or investment opportunity turns up – wouldn't it be nice if the cash were there, ready when you were? And nicer still if you didn't pay for the money until you actually *used* it?

That's what happens with VanCity's Creditline. The ideal way to pre-arrange \$5000 or more for life's happy surprises.

You just write cheques or make withdrawals for any amount up to your authorized limit. One loan approval is all it takes. And you pay *only on the amount you draw, only for the time it's outstanding.*

So next time opportunity knocks, make sure you've got a line on it. Ask about Creditline at any branch of VanCity. Where money works for people like you.

**Vancouver City Savings  
Credit Union**



17 Branches throughout the Lower Mainland.