

CHRONICLE

UBC ALUMNI CHRONICLE • AUTUMN '81

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ubc alumni chronicle

Volume 35, Number 3, Autumn 81

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UBC Seen

A Presidential Letter

Dear UBC Alumni:

This issue of the *Chronicle* is devoted to our annual appeal for funds. I strongly encourage your generous donation in support of higher education at UBC.

Your dollars make possible student scholarships and bursaries; they assist student-faculty projects of merit; and they demonstrate to the federal and provincial governments our commitment to a strong university within society.

We, as alumni, have experienced the benefit of UBC and it is our responsibility to provide the leadership that makes the same opportunity available to others.

Our tangible contributions are needed. Join me in meeting the challenge of this appeal with your cheque.

Yours truly,

Robert J. Smith, BCom'68, MBA'71
President, 1981-82

Winning Ways In Creative Writing

Top honors in the *Chronicle* Creative Writing Competition went this year to Dorothy Young, for her short story *Summer of Discontent*. Young, a graduate student in creative writing, received her \$200 first prize at a luncheon in May.

Placing second among the 35 entrants was Tim Anderson, a third year student in creative writing, who received \$100 for his short story *Northern August*.

Tied for third prize of \$50 each, were Tyler Felbel, first year arts and Tim Ward, third year arts. Felbel's entry was *Only Paint*, Ward's was entitled *When in Rome*.

Judging the short story contest this year were Jane Cowan Fredeman, senior editor of the UBC Press, Trevor Lautens, an editor of the *Vancouver Sun*, Nick Omelusik, head of the reading rooms division, UBC library, Eric Nicol, humorist, author and playwright, and Herb Rosengraten, associate professor of English.

Funding for the competition is provided by a grant from the UBC Alumni Fund. The prizes were presented by Grant Burnyeat, who chaired the fund committee.

Cover: The colors of the graduation hoods, part of the UBC mosaic: (from left to right) dark green of pharmaceutical sciences; malachite green of physical education and recreation; amethyst for law; magenta for social work; red (with lilac, gold and blue) for dentistry; scarlet, applied science, nursing and architecture; brown for forestry; gold (with blue), doctor of philosophy; maize for agriculture; cadmium yellow, library science; university blue for arts, fine arts and music; royal blue (with scarlet velvet) for medicine; royal blue (with scarlet) for rehabilitation medicine; turquoise, home economics; blue (with gold and blue, gold and white chevrons), doctor of education; light blue for science; grey for commerce and accounting; white for education.

The Alumni and the Institute: Season 66

From diabetes to poetry readings by a Nobel Laureate, the Vancouver Institute is once again presenting a varied and exciting series of public lectures in its fall series.

The new season — the institute's 66th — also officially launches the alumni association's new role with the institute. Always an enthusiastic supporter of the institute's outstanding programs, the alumni association has added the tasks of institute secretariat to its duties. Alumni president Robert J. Smith is a member of the institute council and association executive director, Peter Jones has been appointed honorary secretary. The alumni office will be providing secretarial and accounting assistance as well as membership services such as distribution of the semi-annual program brochure. (For a copy call the alumni office, 228-3313.)

The series starts with "The inner mechanism of Japan, Inc." by renowned sociologist Prof. Ronald Dore of England. Considered a foremost authority on Japan, his lecture is scheduled for Sept. 26. He is a Cecil and Ida Green visiting lecturer.

Next Dr. Alexandre Minkowski of Paris presents "Practical medicine and the developing world" Oct. 3. UBC's Prof. French Tickner follows with "The Opera, an exotic and irrational entertainment," on Oct. 10.

One of the world's great thinkers comes to the Institute Oct. 17. Prof. Freeman Dyson of the Institute for Advanced Study in Princeton is a physicist, mathematician and astronomer, whose topics range widely from science and society to space travel and energy alternatives.

On Oct. 24, Dr. Conor Cruise O'Brien will talk on "The press and the world." He is consulting editor of *The Observer*, and has had an exceptionally distinguished career as civil servant and historian, man of letters, diplomat and politician. He also is a Cecil and Ida Green visiting lecturer.

"The Czech Theatre" will be presented by UBC's head of Germanic studies, Prof. Marketa Goetz-Stankiewicz, on Oct. 31. Dr. Martin M. Hoffman follows Nov. 7 with "Understanding diabetes: what everyone should know." On UBC's faculty of medicine, his work in endocrine, diabetic and metabolic disorders is internationally recognized.

Polish Nobel Laureate Czeslaw Milosz has lived through revolutions, wars and exile and produced what many consider the greatest poetry of our century. He will read several selections on Nov. 21. Prof. Milosz is now with the department of Slavic literatures at Berkeley.

The concluding fall lecture on Nov. 28 will be "Canada's economy: prospect and policy" by UBC graduate Prof. Thomas K. Shoyama of the University of Victoria's school of public administration. One of Canada's most distinguished civil servants before his retirement, he served as deputy minister of finance and energy, mines and resources and as chairman of Atomic Energy of Canada.

Vancouver Institute lectures are free and begin at 8:15 p.m. in the UBC Woodward Instructional Resources Centre. Memberships in the institute are available (\$15 for a family, \$10 for an individual and \$2 for students) by sending your cheque to the Alumni Office, Cecil Green Park, 6251 Cecil Green Park Road, Vancouver V6T 1X8.



Reminiscences were the order of the day when (left to right) Lt. Col. John MacLean, Bert Griffin and Jack Straight met at the '31 Reunion.



Enjoying sunshine at fifth annual Frank Gnuv Golf Classic July 16 at University Course were (left to right) former UBC athletic director Bus Phillips, rugby coach Donn Spence, women's basketball coach Jack Pomfret and Roger Kronquist, BPE'57. Tournament and banquet at Graduate Students' Centre raised almost \$4,000 for Frank Gnuv Memorial Scholarship Fund which honors the late UBC football coach.



Two members of the Class of '31 inspect the displays at their summer 50th Anniversary Reunion.

Medicine '56 "Returns to Roots"

Forty members of the Class of Medicine '56 "returned to their roots" for their May reunion. A busy schedule planned by the committee, chaired by William Sleath, included a warm-up party, a "somewhat soggy" golf tournament (winner was Don Fraser from Oshawa, Ont.), a welcome reception, a tour of the new UBC acute care hospital, a luncheon and wind-up banquet at the faculty club. A book was presented to the university library in memory of deceased classmates, Emil Juba, Rodney Nixon and Roger Stanton. Highlights of the dinner were the "resurrection" of the class song by Don Bebb and the display of memorabilia gathered by Don Hutchins, class historian.

The class voted unanimously to use the reunion proceeds and donations to establish two bursaries for medical students. It is hoped that the \$650 bursaries will be awarded this fall.

Home is a Fort Camp Hut.

Calling all former denizens of Fort Camp. Bruce Hall (2047 Glenaire Dr. West Vancouver, V7P 1Y3 — 984-0979, home) wants to hear from anyone who lived in Fort Camp. The myth (mould?)-encrusted buildings were demolished to make way for the museum of anthropology 10 years ago and Hall and his committee are planning a reunion next July to celebrate (commemorate) the event. Contact him or the alumni office if you're an old Fort Camper. (Meal passes will be issued!)



Allan M. Holender, Fund Director

New Alumni Fund Director Appointed

Allan M. Holender has been appointed director of the UBC Alumni Fund.

He comes to the association with an extensive and varied background in fund raising and public relations. For the past 10 years, he has been actively involved with the Big Brothers Organization and more recently, was executive director of the Burnaby agency.

In 1974 he was appointed to the faculty of Douglas College in the community service workers program. A family counsellor in private practice as well, he is a graduate of the Universities of Montana and Alberta. He received his professional teaching certificate from the University of British Columbia.

Born in Edmonton and now a Richmond resident, he chairs the community advisory board of South Fraser Broadcasting which operates radio station C-ISL Richmond; is a past president of the Project Contact Society (a youth service agency), and past member of the United Way Inter-agency Council.

Where Are They Going? Not to University!

The percentage of young people attending university in B.C. has fallen dramatically since 1970, trailing far behind Ontario and Quebec.

B.C. places sixth among the 10 provinces, marginally ahead of only Saskatchewan and the Maritimes (except Nova Scotia). The province's percentage of its youth attending university continues to drop, and has fallen well below the national average.

The source of this unwelcome information is the alumni association's advocacy committee report, which caused an uproar when it was released to the public early this summer.

The report says the percentage of those aged 18 to 24 going on to post-secondary education is "disturbingly low." B.C.'s rate is 10.7 percent, the national average is almost 13 percent (based on statistics provided by the B.C. Forecasting Committee).

The association, representing over 90,000 UBC grads, expressed its deep concern with the situation in a brief, presented June 3, to the Social Credit and NDP caucuses.

The brief also focussed on another alarming statistic: only 6.7 percent of young people living outside the Lower Mainland and Victoria areas attend university. "This means that students in the metropolitan areas have double the probability of attending a university than those from more remote regions."

The committee urged the government to consider grants to students from remote areas. "We do this with the understanding that the provincial government has accepted the principal of equality of access to the university system without regard to the accidents of geography."

The report also focussed on funding problems, faced in particular by UBC with its higher percentage of high-cost programs. "The problem is not only the total level of support for higher education, but also the allocation of existing funds which does not effectively recognize the full breadth of programs — especially higher cost professional programs — offered by UBC."

The existing funding formula used by the Universities Council of B.C. takes minimal cognizance of the extremely high cost professional programs such as medicine, dentistry and engineering. The distribution of funds is weighted mainly in proportion to enrollment.

The report says that the total operating grant for UBC in '80-'81 represented an increase of 8.7 percent; SFU got a 10.25 percent increase in general operating grants and the University of Victoria 13 percent. Capital funds are provided for new buildings, but funds are inadequate to service, operate and maintain them.

The report asks the UCBC to critically examine the funding formula, to remove or justify unsubstantiated factors such as economies of scale and trimester costs, and give greater recognition to the higher cost professional programs. The alumni advocacy committee is chaired by Peggy Andreen Ross, who presented the brief to the caucuses, assisted by alumni president Robert Smith, executive member Michael Partridge, executive director Peter Jones and William Tetlow of the UBC department of institutional analysis. Copies of the report are available from the alumni office, 6251 Cecil Green Park Road, Vancouver, B.C. V6T 1X8



YACs Ahoy... Young Alumni at sea.

A Bunch of Branches

There are rustlings among the alumni branches...**Northern California** alumni from UBC, McGill, Queen's, Toronto and Manitoba gathered on June 18 in San Francisco to hear F. Kenneth Hare, internationally known climatologist and Provost of Trinity College, Toronto on the subject of acid rain. Dr. Hare served as UBC's president from 1968 to 1969...**Edmonton** alumni are planning a "Welcome to Edmonton" party this fall, when a Thunderbird sports team plays the University of Alberta Golden Bears...and **New York** alumni will have an opportunity to meet UBC president Douglas Kenny when he visits the Big Apple next March.

Division Dispatches

A new era in **alumni divisions** activity will be launched with the inaugural division council meeting Sept. 17. Michael Partridge, who chairs the new group, is expecting 30 representatives of various faculties, departments and organizations such as the Big Block Clubs. "What we're really trying to do is get the divisions to set some goals and go for them," said Partridge, "whether special projects, reunions or fund raising." The council will elect 12 representatives to the alumni board of management...the **recreation education and leisure studies** alumni have drafted a constitution for their division. In addition to following the objectives of the alumni association they plan to encourage and support continuing education, liaison between the faculty and the recreation community and to provide support for projects of the school, its faculty and students.

Alumni Miscellany

Newspaper addicts can get a new source of supply: *The Ubysey*, that fine campus publication, is offering alumni a cut rate subscription for the '81-'82 term. Alumni can get all the news that fits for \$20 per year (a saving of \$7). The Pubsters promise to mail the week's issues (usually 3) every Friday. Orders should be sent to Ubysey Subscriptions, Publications Office SUB, University of British Columbia, Vancouver, V6T 1W5... The UBC office of **Co-Operative Education** is seeking **volunteer professional engineers** (active or retired) to serve as "mentors" for its growing number of male and female students. The mentor program helps to strengthen the link between academic studies and the work environment. Students alternate studies with paid work experience, supervised by a faculty advisor. It's hoped that mentors would share their professional experience with these students. For further information contact Alexandra MacGregor, assistant coordinator, Co-Op Education, Brock Hall, UBC, 228-3022.



The Mayne Invasion... A YAC bike hike.

A YAC Welcome Awaits You!

Serve, Volley, Smash, Net, Point...Cheers! And another Young Alumni Club volleyball winner is declared. Thursday nights during the summer the gardens of Cecil Green Park have echoed with those enthusiastic voices — before the teams retired for suitable refreshments and sunset viewing.

The Young Alumni Club, an association program designed for senior students and recent grads, offers a year-round social and athletic program based at Cecil Green Park. The club has an elected executive and a volunteer program committee plans such activities as skiing, cycling, hiking, sailing, camping trips, barbecues, tennis tournaments, faculty and department dances, holiday parties (Santa and the Great Pumpkin are charter members) and a guest speakers series.

Members and guests (two per member) enjoy live music and dancing on Friday evenings. There's an open door policy for Thursdays with live jazz, folk singers or taped music for listening and dancing — not to mention those volleyball enthusiasts. Full facilities both evenings. For memberships and information, visit "The Green", Thursday and Friday, anytime after 8 p.m. You'll be welcome. □

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The Challenge of the Future

A Conversation with UBC President Douglas Kenny

“I don't think we should ever forget the long range goals in a university. UBC has become a high quality institution. In many areas there is no doubt that UBC is of world-class standing.”

What makes a university 'world class'?

“It's simple. The principle of excellence is outstanding teaching and research, with high quality faculty and students. If you look at the students entering this fall you'll see what I mean. UBC probably has the highest admission standards of any Canadian university. I am convinced that students, and their parents, are attracted to a high quality institution. I believe that society depends on a thin stream of excellence to improve itself — and that's what UBC is all about.”

How far away are those long range goals?

“I'm convinced they can be reached in a relatively short time span — if we can obtain the necessary funding. The most immediate challenge to the university is how to maintain academic quality in the face of double-digit inflation. Inflation is a serious threat to the quality of this institution because government funding tends to be slightly below the inflation rate. If we are not able to convince government to maintain funding at or above the level of inflation, then I would worry about the future of the nation and the province because we won't be able to produce the high level manpower required in the coming years.”

What are the other sources of funding?

“There's no doubt — for instance — that student fees will increase year by year. UBC policy is that tuition fees should contribute no less than 10 percent of the operating costs. I suspect that it will never reach anywhere near what it was when I was a student. When I attended UBC in the early part of the war students contributed about 34 percent of the operating costs — but I'm not proposing that we suddenly go to that.”

You're on record as saying that students shouldn't have to bear the full cost of their education.

“Yes, because ultimately the nation or province gains far more than the individual does. I can foresee that by the turn of the century Canada will have to live by its intellectual wits.”

Research is a major university function. How is that funded?

“Primarily by the federal government which is committed to increasing the research monies from the three major granting councils. It's lived up to its commitment in the health sciences and science and engineering but at this juncture seems to be waffling about the commitment to research in the social sciences and humanities. The B.C. government, through its Science Council is adding significant funding in the area of science. It is to be hoped that the academic community can convince the provincial government that it is valuable and important to support research in the social sciences and humanities. New knowledge comes from basic research so to support it is in everyone's interest. It's important for universities to put research in the forefront. But that's not to say they should neglect teaching.”

“UBC has a pretty enviable record on its commitment to teaching. Original research enhances the teaching endeavor. To my mind there is nothing more stimulating than a professor conveying the enthusiasm, the joy of new discoveries, new ideas to a student. UBC is the second largest research university in Canada. That's something the alumni and the citizens of British Columbia can be proud of.”

The federal government has decided that 1.5 percent of the gross national product should be spent on research. It's slightly less than one percent now. Do we have enough manpower to cope with the massive increase?

“No, we don't. We're not turning out enough graduate students to cope with the increase in funding. Nor to fill vacancies or expand the number of faculty positions. UBC has slightly over 3,000 graduate students. That total should double in the next few years. If Canada is to compete intellectually in the next century, it must have more university graduates.”

We've talked about public funding for universities. Do you see a role for private donations?

“Yes, we are going to have to look to the corporations and private individuals. I think both can play an important role in funding. The STELCO Chair in



Metallurgy, as an example, is due to UBC graduate John Allan, president of The Steel Company of Canada Ltd. and I am sure that its generous funding has been mutually beneficial to the company and the university.

“As far as private donors are concerned, the university has gained a great deal by the handsome gifts of such donors as H.R. McMillan, P.A. Woodward, Walter Koerner, and Cecil and Ida Green, not to mention the many others who have also given to the university.”

Where do the alumni fit in?

“The alumni, really, play a double role in that they support the university, financially and intellectually. They should foster the image of UBC in the community.”

“Also I see the university turning to the alumni to help needy students, as inflation is rapidly eroding scholarship and bursary funds. However, this does not mean that I would neglect other forms of support. Someday UBC hopes to build an art gallery, which undoubtedly will have to be funded in large part by private donations.”

UBC's students have a long history of giving ...

“Every year at graduation I thank the students and those who came before them, for their contribution to the university. Other universities look with amazement at the gifts that have come from our students — the original women's gym, War Memorial Gym, Brock Hall, tennis courts, the handsome student union building and most recently, the Aquatic Centre. I think it says a lot about UBC's students. The university is where it is today partly because of its students.” □

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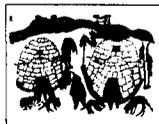
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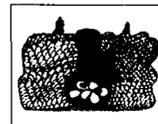
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University Mosaic

A Report on Alumni Giving

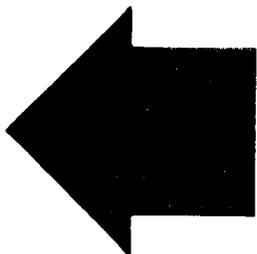
The university is a mosaic — of people, ideas and places. And as in a real mosaic of glass and clay each element plays an important and interdependent role.

Alumni are an essential part of the University of British Columbia mosaic. Their donations are one of the largest private sources of university funding. Those donations, which totalled over \$1 million last year provided assistance for student aid, and campus projects for which there was no other source of assistance. In addition individual alumni, their companies and corporations directed many substantial gifts, endowments and bequests to aid campus projects in which they were particularly interested.

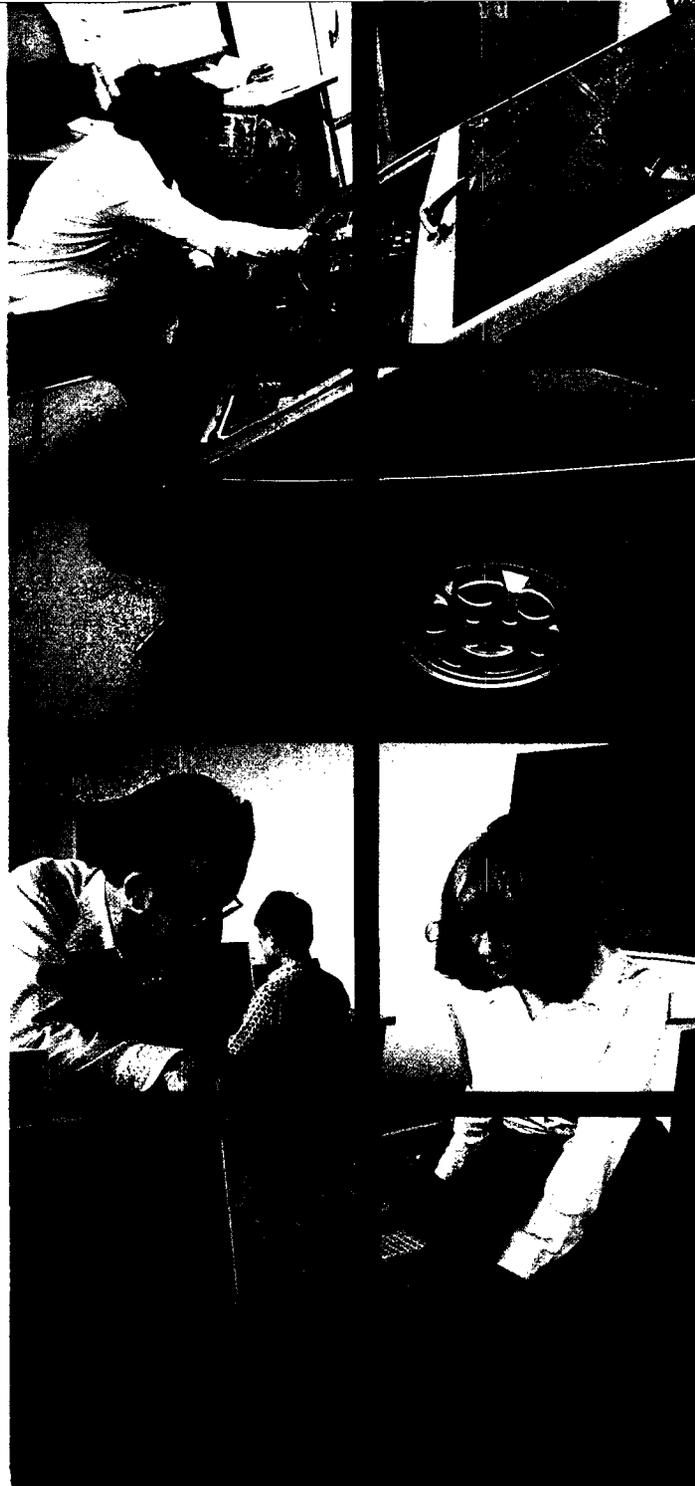
"The alumni should be proud of the effect their donations have had on this campus," said Grant Burnyeat, fund chair for 1980-81.

Many donors expressed the wish to become more closely associated with the university and the Wesbrook Society, has been founded to fill their request. George Morfitt, a former president of the alumni association and recently retired from the board of governors has agreed to chair the society in its founding year. University chancellor, J.V. Clyne, president Douglas Kenny, Board of Governors chairman Leslie Peterson and alumni president Robert J. Smith are patrons of the new organization.

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UBC Information Services

Membership in the Wesbrook Society is offered to all individuals and corporations donating \$1000 or more annually to the university. Over 100 members are expected to attend the inauguration dinner in October. The society has more than a fund raising role though. "We feel that the members of the Wesbrook Society can serve as a valuable sounding board for the university administration," said Burnyeat.

Telethons are again part of the alumni annual appeal. The events are now being organized on a divisional basis. For example, commerce grads will call other commerce grads or engineers would phone their classmates asking for support and participation of campus projects. The Division Council is working closely with the alumni fund to develop the program. "We see divisions setting their own fund raising goals — perhaps a bursary fund for their faculty — and then going out and raising the money from class members," said Burnyeat.

Alumni donations are often designated to specific scholarships, bursaries and other projects or interests. (One donor supplied the funds that enabled the intramural program to offer free winter tennis lessons to students.) The gifts that arrive at the alumni office often come with notes saying "Use this where it's most needed." Last year those donations totaled \$230,379. Much of that money was distributed by the allocations committee headed by William Armstrong. Working within guidelines established by the alumni board of management the committee considers applications for aid from students, faculty or campus groups. The committee is able to respond quickly to requests seeking under \$2500 but grants over that amount must be approved by the alumni board before the university board of governors is requested to release the funds. The allocations committee works carefully and thoroughly to ensure that alumni help is available when it's needed.

Among the grants made in the past year were:

- Students architects needed \$2300 to produce a commercial quality film on their study-abroad trip to India;
- \$700 helped the development of a journal of medieval studies published by the history department;
- grants totaling nearly \$10,000 helped undergraduate students from many disciplines attend academic conferences in Canada and the U.S.;
- Two special funds — \$5,500 for doctoral candidates and \$5000 for master's students provided travel subsidies enabling them to present papers at academic meetings;
- Men's and women's athletics received over \$10,000 for team travels, equipment and other programs;
- The skirl of the bagpipes will be heard thanks to a \$1730 grant to provide equipment and uniforms for the Thunderbird pipe band;
- The Shenna Davidson research fund in nursing was given \$2000;
- Students representing nursing, law, commerce, various branches of engineering, home economics and speech and audiology were able to attend national student conferences with aid from the fund;
- Over \$4000 was added to the Native Indian Teacher Education Program bursary, the John B. Macdonald bursaries and the Norman MacKenzie scholarships bringing their total value to over \$15,000;
- Oceanography used a \$5000 grant to purchase textbooks, periodicals and maps to upgrade the collection of its new reading room. The resources management reading room received a grant of \$750;
- The Science Fiction Club was able to improve its magazine *Horizons* with a \$250 grant;
- A summertime campus orientation program for new students and their parents from outside the lower mainland received \$1165;
- \$450 helped keep the annual Arts '20 Intramural Relay on the run. Hundreds of students participated in the rapid trek from Fairview to the Main Mall Cairn;
- A \$600 grant provided prizes for the *Chronicle* creative writing competition (read the winning story in this issue);
- UBC debaters made their point and received \$1160 to attend national and regional debating championships;

- The University Singers provided beautiful music to listeners in the Fraser Valley, the Okanagan and Kamloops aided by a \$4000 grant;
- Two alumni/student affairs programs — a first year (Frosh) retreat and informal dinner meetings for students, faculty and administrators were assisted by a \$1000 grant;
- The commerce undergraduate society Green Door Seminars for students and representatives from the business community needed \$150.

All these — and other project grants — are in addition to the almost \$100,000 annual commitment that the Alumni Fund makes to provide student aid in the form of bursaries and scholarships (see story p. 14). In 1981 the fund made its final \$20,000 payment on the \$100,000 alumni pledge that provided specialized testing equipment for the John Buchanan Fitness Centre in the Aquatic Centre.

It is important to note that all money donated to the fund is used as the donors designate. None of the donations are used to defray operational costs.

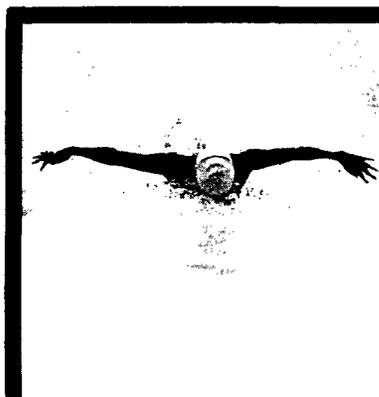
The fund appeals are planned by the volunteer committee with advice and guidance of the association staff. The cost of running the fund is borne by the association budget.

The 1981-82 UBC Alumni Fund campaign begins with this issue of the *Chronicle*. David Richardson, who is chairing the fund committee for the coming year stressed how important alumni donations are to the university and its students. "Try to remember what it was like when you were a student and what a few extra dollars would have meant. For those of you who have not contributed to the alumni fund before — maybe this is your year. I would also like to encourage the nearly 7,000 donors from last year to consider increasing their gifts by at least 15 percent. I hope alumni will find the envelope and designation card enclosed with this issue of the *Chronicle* to be a convenient way to make their donations."

So, as in a mosaic, where each piece is important in making a picture complete, each alumni dollar plays vital role at the University of British Columbia. (Get the picture?)



Ken Mayer



Women's field hockey won the honors at a top international tournament — with the help of a travel grant...funding was increased for student scholarships and bursaries.

Alumni donations aided a wide variety of student intramural sports — including swimming...and a new journal of medieval studies.

Alumni Annual Giving 1981

(A report of alumni giving to the University of British Columbia from April 1, 1980 to March 31, 1981.)

Source	Dollars (to nearest \$10)
UBC Alumni Fund and Friends of UBC (U.S.A.)	\$378,610
Interest on deposits and foreign exchange	47,910
Alumni Gifts through UBC Resources Council	
Building Funds	10,120
Gifts-In-Kind	6,950
Other Gifts*	438,180
Bequests	185,390
Total	\$1,067,160

*A substantial amount of this figure derives from foundations established in the name of alumni.

Fund Executive

Grant B. Burnyeat, LLB'73, *Chair*
 A. James Brown, UBC Resources Council
 W.A. (Art) Stevenson, BAsc'66
 William S. Armstrong, BCom'58, LLB'59
 E. Roland Pierrot, BCom'63
 Peter Jones, *Ex-Officio*

Friends of UBC Inc. (U.S.A.)

Francis M. Johnston, BArch'53, *President*
 Dr. Stanley T. Arkley, BA'25, *Vice-president*
 Robert J. Boroughs, BA'39, MA'43, *Treasurer*

Allocations Committee

William S. Armstrong, BCom'58, LLB'59, *Chair*
 David W. Donohoe, LLB'71
 Barbara Hart Harris, BA'57
 Gregory S. Plant, BA'80
 Nancy E. Woo, BA'69
One member to be elected.

Grant B. Burnyeat, LLB'73,
Ex-Officio

Oceanography was able to add books, maps and periodicals to its reading room collection with an alumni grant.



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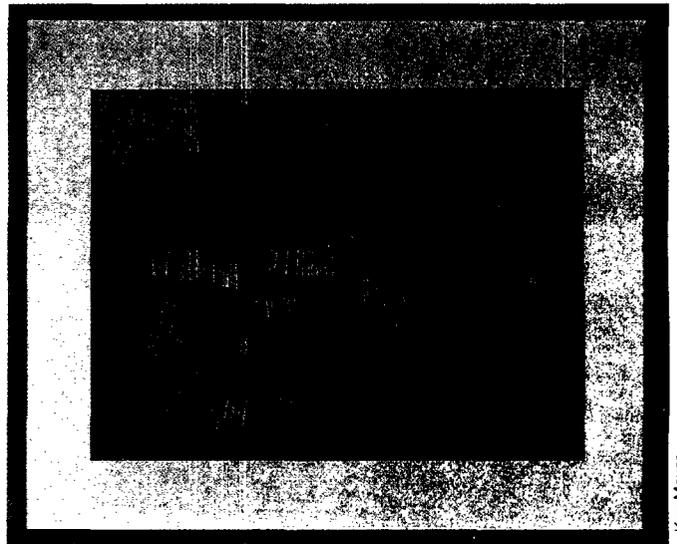
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**Romeo
& Juliette**

MAR. 13, 16, 18, 20



Ken Mayer

A Campus Treasure Trove: UBC's Homeless Art Collection

Murray McMillan

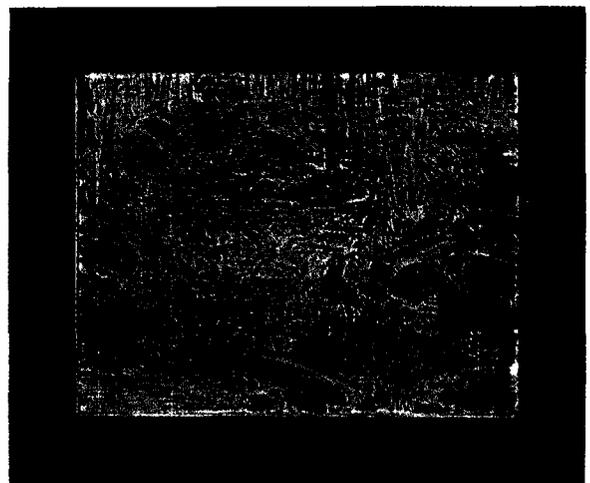
UBC has a treasure trove of art on its campus in corridors and offices, club and meeting rooms, in galleries called by that name, and in other places serving as galleries even though their basic functions are something else. Art is sprinkled about in open spaces while other works are crammed into storage rooms and locked drawers where they may never see the light of day.

Across the campus there is a collection — or more precisely, several collections — ranging widely in quality, period, and value. An inventory was made in the summer of 1979 by a master's student in the fine arts department. Many of the names on the list are impressive: several works by Emily Carr, a painting by A. Y. Jackson, works by David Milne, Lawren Harris is well represented, and there are numerous ones by Jack Shadbolt, along with a substantial showing by many of the more recent prominent Canadian artists.

The result of the appraisals, based on market values, reveals a substantial asset: the total in 1979 was just under \$1.5 million. And the value keeps rising. Watching an asset's value rise is heartening, but it also presents problems. Most art is somewhat tender. It needs protection. Protection not just from the occasional vandal or thief, but from the elements, from fire, from improper storage, from unsuitable light and temperature and humidity. At the moment UBC can offer precious little in the way of a proper environment for its collections.

UBC needs an art gallery suited to the size and scope of its holdings. Conversations with those interested in the university's collections make that abundantly clear. The details of where and how and when can be debated — some already have been. The dream of an appropriate campus gallery undoubtedly has glimmered in imaginations for many decades, although Doug Shadbolt, director of the school of architecture, traces it back to the '60s and the efforts of Dr. N.A.M. MacKenzie and fine arts department founder B.C. Binning. The task of looking at ways in which the dream might become a reality was recently given to a six-member committee, headed by Shadbolt, by President Douglas Kenny. The committee's report has now gone to the president's office, which has yet to release it, but Shadbolt agreed to speak in general terms about the job.

"Our prime interest was in what kind of museum or gallery it might be and what functions it could perform. We didn't get into collections policy — we did try to determine what size building would be suitable and then did alternative site studies," Shadbolt explained.



He said the committee looked at ways in which a gallery could "round out" the fine arts precinct on campus — an addition to the cluster that comprises the music and Lasserre buildings, and the Freddy Wood Theatre. Other considerations were the way in which a gallery might fit into the network of other art institutions in Greater Vancouver, and what a campus gallery's potential might be as an attraction for visitors, particularly during the busy summer tourist months.

How that report is dealt with is of considerable concern to another faculty member in the school of architecture. Abraham Rogatnick is head of the president's committee on university art, a body established in the 1950s to exercise some control over what the university does with what it owns. (It also worked in cooperation with the Alma Mater Society on the AMS-owned collection in the Student Union Building — a far-sighted investment of student money in works of art, many of them by Canadian masters, begun in the '50s as the Brock Hall Collection.)

One of the committee's functions is to deal with gifts — works that are donated or bequeathed to the university and must be assessed using numerous criteria: teaching value, collecting value, monetary worth. Rogatnick explains that UBC's policy to date has been to accept just about anything that comes its way, although the university doesn't promise that everything will go on exhibit. That's a policy he would like to see changed (and the subject of another report to the president's office). If the university is given a gift, he says, it should be able to accept on the condition that after assessing the work's value it may want to sell it — to "de-acquire" it (to use his word) and turn it into a liquid asset for other uses.

While UBC has received numerous valuable gifts of art, it also has gotten some ... er ... less notable items, that languish in storage rooms and could probably be disposed of through commercial gallery sales without hurting anyone's feelings. "I would like the university to encourage donors, but also make sure that the university can keep the option to deal with the gifts as it feels is proper," he explains.

But before donors can be actively encouraged, Rogatnick says, there should be assurance that gifts will be properly cared for — which brings the conversation back to the need for a gallery. "The university also needs a permanent keeper, someone to recommend restorations, to keep records, to know where everything is, to deal with other galleries that might want to borrow works." As Rogatnick points out, maintaining a university collection is a costly business. □

(Clockwise from left) Lawren Harris's oil painting *Mountain Spirit* was one of eight commissioned in 1958 by Maclean's magazine to mark the British Columbia centennial. Eight B.C. artists gave their impressions of the province, which were later reproduced in the magazine. After the celebrations subsided, Bert Binning, founder of UBC's fine arts department, was instrumental in encouraging Maclean's to donate the works to the fledgling Brock Hall collection....Two works by modern Canadian artist Maxwell Bates are among 20 in the department of metallurgy's collection that commemorates the contributions to that department of Prof. Margaret Armstrong, who died in 1966. This untitled work depicting fields is a watercolor. They were purchased with funds contributed by her colleagues....Among the works by Canadian masters in the Brock Hall Collection is *South of*

Coppermine, by A.Y. Jackson. The large — by Group of Seven standards — oil painting, was a far-sighted purchase from student funds by the Brock Hall art committee in 1960....*River Reserve*, by Jack Shadbolt, was purchased in 1972 by the Class of 1925. The 1950 conté and watercolor work is strongly reminiscent of Emily Carr's paintings, several of which have been donated to the university. Two Carrs were the gift of the UBC Regular Officer Training Program Mess of the Canadian Forces...A small gem, David Milne's 1921 oil painting, *Waterfall in Spring*, was a gift to the university in 1970 from the estate of Milne's patron and benefactor, Toronto art dealer Douglas M. Duncan. The work has suffered minor damage and is awaiting repair — a long wait in an age when there are few expert restorers to be found.

Measures for Excellence

The financial realities of student life

Sheila Ritchie

An extra measure for excellence, is the way that Byron Hender, the director of UBC's awards and financial aid office, describes the alumni fund's attitude toward awarding student scholarships and bursaries. Seated comfortably behind a massive, organized desk with a westerly-window view from the bowels of the new administration building basement, he nods approval at the way the alumni association aids students using — mostly — the money raised from annual alumni donations.

"It's that extra measure," explains Hender, "which enables the alumni association, which is probably the largest donor, as a group, of support within the university, aside from the university budget — to provide for a number of enrichment experiences for students. Like aid of graduate and undergraduate work, and financial help for non-academic things like debating, the University Singers and athletic teams. And then there's support for things which are essential to the university in a more general way such as the informal dinners at Cecil Green Park for students to get to know university administrators, leadership conferences and new student orientation programs. Alumni aid goes to specific students, to course-related projects, to peripheral things related to student life. I don't think any are more or less important than the others. They're all things which help make it possible for students to attend university and have enriching experiences while they are here."

But before enrichment can be realized, students must meet the basic cost-of-living requirements of tuition, fees and housing,* a task complicated by the criteria imposed by many of the government-sponsored aid programs which are geared to the traditional single student who frequently lives at home, receives some family financial support, carries at least 60 percent of a full-course load and spans an age range from 18 to 24 years.

"There is a whole raft of problems which relate to student need (bursaries) rather than academic excellence (scholarships)," adds Hender. "The major source of money for the needy student is the B.C. Student Assistance Program (which combines the Canada Student Loan Program and the B.C. government grant-in-aid) and which has become increasingly complex to administer. For almost half of the applicants a parental contribution may be required under the regulations. For many, the families are not able or not willing to assist them, especially at the level which the government anticipates."

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ANNE GREENWOOD, BA 1980 in honors English and now starting an MA in English.

"I found myself caught with residency problems. Born in Ontario, I grew up in the Yukon so I wasn't eligible for any of the grants. A single parent with two children and without any relatives in Vancouver, this year I ran out of money and was

desperate. I wouldn't have made it through without that assistance."



GREG WORNELL, 1st year engineering, was a 1980 Norman MacKenzie Alumni Scholarship winner.

"It was an encouragement for me, going into first year science, to keep working. The scholarship gave me an incentive, especially coming into UBC for the first time.

Financially, it made it easier and gave me more time to study. Winning that award made me feel accepted within the university."



EVELYN BURIAK, 3rd year music student, received a \$500 bursary.

"The bursary was really significant to me because I'm a single parent. Basically, I couldn't afford to go back to university if I didn't get bursary and scholarship assistance.

With the opportunities that are open for women, I feel it's really important to get a degree to be able to compete and to support myself and my son."

With an increase in the number of mature students, many of whom are married with children or who are sole-support parents, Hender believes that there is a group of students who for one reason or another just don't fit into the cubbyholes of the government program, students who have needs over and above the aid ceiling (\$3,800 for single students and \$4,200 for students with dependents) and expenses that the program doesn't recognize. Single parents, he feels, are hit the hardest, particularly with Vancouver's "out of sight" housing costs. While he believes that "single parent" will probably never appear as a category on an admission form, he estimates that there are approximately 400 enrolled at UBC. Adds Hender, "One of the problems we have is that the provincial welfare program will support a single parent in upgrading his or her education but only on a two-year program. So that virtually rules out a university education for these students."

For the single parent with good grades, and a sudden financial problem compounded by the pressures of juggling a full course load, the demands of several small children and maybe a part-time job, the UBC Alumni Fund's bursary allocations have become a major source of assistance. The somewhat shallow reservoir of money from the alumni fund can be critical. The alumni fund is, according to Hender, crucial to helping the students of UBC.

At present student aid takes the form of \$13 million worth of provincial support to UBC through the B.C. Assistance Program for student loans and grants. In addition, the university budget provides \$1.6 million for graduate fellowships and scholarships (not including fellowships which are funded by the federal government), \$700,000 for undergrad scholarships and over \$500,000 for undergraduate bursaries (the alumni fund donations and bequests are included in these last two figures).

MARGUERITE

CALLAWAY, 4th year arts student aiming at Social Work, received a bursary for \$1,000. "I truly could not have managed without it. I had had a serious accident and pneumonia so last summer I couldn't work. And being a single parent, the bursary made all the difference between getting an education and not getting one. I was out in the work force, realized that I needed more skills and I'm now at the university for a purpose. I'm motivated to do well. I've been given the money so I'm serious about my studies. I can't stress enough that it's just fantastic that there is something there. I'm very much the type of person who wants to do it on my own and the way I look at it is that someday I'm going to contribute to the alumni fund....Everyone, at some point in their lives, needs something.



DONNA MARIE

GUILLEMIN, 4th year English major, received a \$500 bursary to attend the 1980 Canadian Poetry Festival Conference in Buffalo, New York where she gave a reading of her poetry.



"It meant that I could participate with people who were working in areas that I was interested in. Quite often when you're studying at university you don't have any time to go off on tangents. This meant that I could go off, enhance my work and reconfirm my beliefs that people are actively working with language in poetic and literary senses. And so, it was more than an excellent opportunity. It was essential for me as a writer to be with a group of people who are interested in what I am interested in."

The price of scholarship is going up and Hender notices a slow shift into the higher value awards. He recalls "a year or so ago", an endowment which provided a \$10,000 scholarship for a student entering UBC, payable at the rate of \$2,500 per year. And at present, the alumni association, through the Norman MacKenzie Alumni Scholarships, provides the largest program of UBC entrance scholarship assistance.

"I would like to see UBC have three or four scholarships at the \$5,000 level," he points out, "to attract top students. And those awards probably would be renewable for three additional years. At a second level, we might have 15 or 20 awards of \$2,500 to \$3,500. And some of those might be renewable. The MacKenzie Alumni Scholarships might eventually go up to \$1,250 or \$1,500."

Hender would like to see more of the "have-not" faculties, "like arts and education" receive additional scholarship support. Private funding from any source can be specifically earmarked to a particular group or faculty by the donor. And, he adds, that alumni can be certain that in terms of their donations to student aid they are filling a really vital role. "I guess one of the areas that most concerns me is the fact that we really don't have a very sophisticated method of telling our donors how important their support is. With individuals, the best thing we can do is encourage the students receiving the support to write and say thanks. Perhaps alumni contributors, because they are one step removed, don't have a real appreciation of how important their gifts are to the students. Let's hope they are reading this, so they will know."

* A student living away from home can expect to spend approximately \$2600 for food and accommodation during the academic year. UBC tuition fees vary with the course but the normal minimum fee is \$690. Books and supplies will probably cost between \$200 and \$300 again depending upon the course of study. Students in courses such as dentistry, art and music can expect additional expenses for materials and instruments. Transportation and incidental expenses all need to be calculated in what is usually a very tight student budget.

"We Want to Help" The Alumni Scholarship and Bursaries Program

When Lynne Carmichael, BE'72, is not sculpting, she's busy firing the efforts of her committee with enthusiasm. Currently chairing the alumni scholarship and bursary committee, she's also a student doing an MA at UBC in fine arts.

"Our committee deals specifically with alumni funds," explains Carmichael. "That's money that comes from alumni throughout the world to help students achieve an education at UBC."

A major committee job is helping assemble the 30 B.C. screening committees (organized by school district) who assess local applications for the Norman MacKenzie Alumni Scholarships. "Our emphasis has been on new students," adds Lynne, who meets with her committee six times a year. "We want to help students gain access to the university and also deal in special needs areas."

Alumni gifts, whether given directly through endowed scholarships, bursaries or bequests, or to the alumni fund very often provide "the plus that makes the difference" to many students' university careers. Among the UBC Alumni Fund scholarships are those honoring former presidents of UBC ... The **Norman MacKenzie Alumni Scholarships** provides \$1,000 each for 35 outstanding B.C. high school students entering UBC. Successful candidates are chosen on the basis of academic excellence, community involvement and personal qualities ... Twelve students from B.C.'s regional and community colleges transferring to UBC receive **Norman MacKenzie Regional College Scholarships** of \$600.... The **John B. Macdonald Alumni Bursaries** gives \$600 each to 12 students entering UBC from B.C. regional colleges.... The **Walter Gage Alumni Bursary Fund** offers up to \$600 to students with sound academic standing and financial need. Students enrolled in part-time studies have access to a portion of the fund.

There are also a number of special alumni awards ... **The Native Indian Teacher Education Program Bursary** of \$500 is awarded to help several Non-Status Indian students to continue their UBC studies ... Alumni living in the United States have established ten **Norman MacKenzie American Alumni Scholarships and Bursaries**. Ten awards of \$500 are available for students whose home is in the U.S.A. Preference goes to the offspring of alumni. **Southern California Alumni** fund a \$500 annual scholarship. The American-based alumni have also established a \$500 award in memory of **Daniel M. Young**, BA'52, active member of the Friends of UBC for many years ... The **Stanley T. Arkley** scholarship provides \$500 for a student in librarianship ... **Nursing** alumni are among the first to establish continuing awards for students in their faculty. Five annual scholarships are awarded to the student nurses.

Scholarships funded by alumni and community donations permanently perpetuate the names of many outstanding university teachers and alumni. Among these the **Sherwood Lett** scholarship, the **Harry Logan** scholarship, the **Frank Noakes** bursaries for electrical engineering, the **Johnnie Owen** award for athletic training, and the **Frank Gnuip** scholarship. □

Scholarships, bursaries, prizes and other awards, whether on an endowed or annual funding basis, can be established to honor family, friends, faculty members, alumni and former students, for example. For assistance or information contact Allan Holender, Director, UBC Alumni Fund, 6251 Cecil Green Park Road, Vancouver, B.C. V6T 1X8 (604)228-3313.

Sheila Ritchie, BPE'72, is a Vancouver writer and teacher.

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UBC reports

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UBC Library expansion proposed

UBC's Library network, the second largest in Canada, has a problem.

The existing system will be full by the end of this decade if the acquisition of books and other materials continues at the present rate.

This conclusion, reached late last year by a committee chaired by Dean of Graduate Studies Peter Larkin, gave rise to a flurry of planning activities by UBC's Department of Facilities Planning. The upshot was a plan calling for:

- A basic reconstruction of UBC's landmark Main Library, which would see the existing north and south wings replaced by six floors of new space and the central greystone unit, built in 1925, retained as a "heritage" unit; and

- Construction of two new sub-surface wings on either side of the Ladner Clock Tower linking the existing Sedgewick Library on the Main Mall with the reconstructed Main Library.

The plan, endorsed by the Board of Governors early this year, has been submitted to the Universities Council of B.C., which makes recommendations to the provincial government on the allocation of funds for capital construction.

The artist's drawing above shows a proposed atrium-like space around the heritage building, left, and new book stacks which would be part of the reconstructed Main Library at right.

For more details on the Library building plan, which is designed to meet the University's needs until the end of this century, turn to Pages 8 and 9.



Premier and prince share shears

A prince and a premier shared a pair of golden shears to cut a blue and yellow ribbon on June 5 — and UBC's magnificent new Asian Centre was officially open.

Premier William Bennett, designated as the official ribbon-cutter, called upon His Imperial Highness Prince Norihito of Mikasa, nephew of the Emperor of Japan, to share the duty with him. Jointly, they snipped the ribbon stretching across the entrance causeway to the applause of some 400 guests.

That was at 4 o'clock in the afternoon, fortunately during a brief break in a day of almost continuous heavy rain.

Although the weather did little to dampen enthusiasm, it did force the University to move most of the opening ceremony into the Recital Hall of the Music Building — packed to well beyond normal capacity.

Chancellor J.V. Clyne, who noted that it was a day marked with "pride of accomplishment," introduced the five speakers — Joseph Whitehead, chairman of the Asian Centre fund-raising committee; Senator Ray Perrault, representing the federal government; Prince Norihito, who is studying law at Queen's University in Kingston; UBC President Douglas Kenny, and then Premier Bennett.

Following the ribbon-cutting, the many guests thronged through the four-storey building that is noted for its distinctive roof.

The high, pyramidal roof, with an elaborate raised skylight, is supported by girders that were a gift to the University from the Sanyo Corporation of Japan. The girders were used to support the roof of the Sanyo pavilion at Expo '70 in Osaka and arrived on campus the following year.

Construction of the Asian Centre began in 1974 and the first phase was completed in 1975. Original funding came from the Province of British Columbia, the Government of Canada, the Japanese Federation of Economic Organizations, the Japanese World Exposition and a fund-raising campaign supported by both Asian and Canadian interests.

Escalating costs and more difficult economic times delayed completion of the structure, however, the provincial government finally making the job possible by authorizing additional funding in 1979. Total cost, including furnishing and landscaping, was \$5.4 million.

President Kenny, who said during his remarks on Friday that "we did have our financial uncertainties about completing the building," referred to the Asian Centre as a "splendid

architectural temple of learning and discovery, a symbol of faith and trust among nations."

"I am convinced that our Asian Centre will become an invaluable national asset which will serve the cause of mutual understanding between Canada and Asia," Dr. Kenny said.

"If the Centre can help to find the way, then it will make a lasting contribution to world knowledge and world understanding.

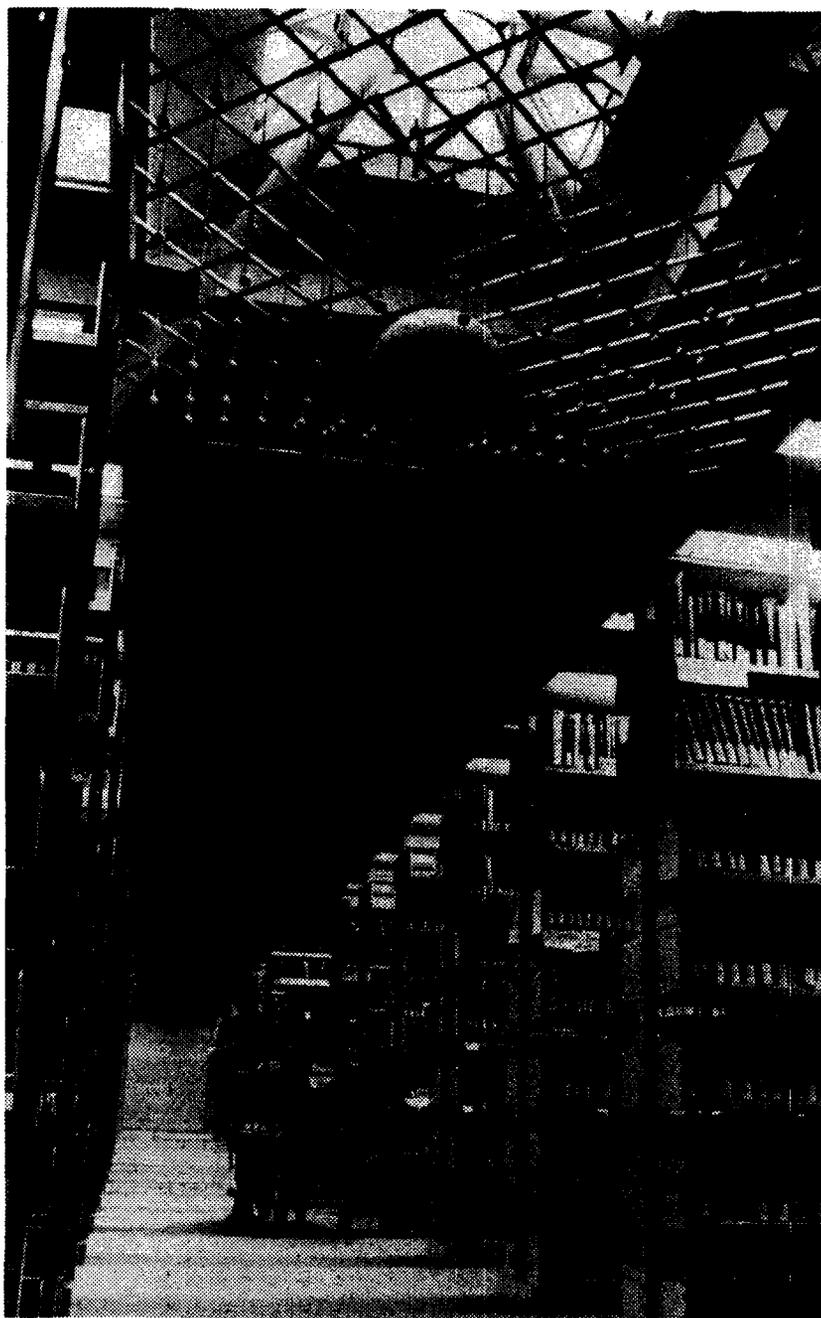
"So let it be said that Asians and Canadians, working together to bring about the Asian Centre, have achieved today a new era of co-operation and commitment.

"Our children will inherit our mutual success," President Kenny concluded.

Occupying the building are UBC's Department of Asian Studies, the Institute of Asian Research and the Asian Studies Library. There is also space for the Asian interests of UBC's Departments of Music, Fine Arts and Theatre.

The Asian Centre is located just off West Mall, right next to the Nitobe Garden, surrounded by a classical Japanese garden of its own. This landscaping was completed by Roy Sumi, landscape consultant to architect Donald Matsuba. Mr. Sumi was gardener in the Nitobe Garden for many years.

The official opening of UBC's new Asian Centre on June 5 became an international affair, opposite, when B.C. Premier William Bennett invited Prince Norihito of Mikasa, a member of the royal family of Japan, to join him in the ribbon-cutting ceremony. Looking on at far left is UBC's President, Dr. Douglas Kenny. On Premier Bennett's left are Dean Robert Will, head of UBC's Faculty of Arts; Prof. Ben Moys, director of ceremonies; and Hon. J.V. Clyne, UBC's chancellor. At right, another cartload of books heads for the stacks in the new Asian Centre, pushed by diminutive Tung-king Ng, head of the UBC Library's Asian studies division. Centre houses UBC's outstanding collection of Asian-language books, including a collection on Indic languages, which has been in storage because of a lack of shelf space in the Main Library. Above the library is an interesting pattern of lights and latticework beneath the centre's skylight. Grounds around the centre have been extensively landscaped. At lower right, Botanical Garden employee Kunio Nunotani uses the Japanese art of Hinoki to give a compact appearance to one of the many shrubs which have been planted. Pictures by Jim Banham.



Taking the guesswork out of what's happening in B.C.'s resource industries

Prof. Pat Marchak frankly admits that more than a decade as a Canadian studies teacher and researcher at the University of B.C. has taught her one thing — Canadians know remarkably little about their own country.

But Prof. Marchak hasn't been content to sit back and wring her hands over this knowledge gap.

She's already the author of two textbooks on Canadian social history, class structure and industrial and labor organization which are widely used in sociology courses at Canadian universities, including her own at UBC.

"I wrote them in self-defence," she says, "because I found that there was virtually nothing available on these topics as they relate to Canada that was useful to students."

Now she's engaged in a more extensive and long-term project — the sociology of the resource industries of British Columbia.

The first fruits of that study — an in-depth look at the forest industry and how it affects B.C. communities and their inhabitants — has been completed. A book based on her findings is now being prepared for publication.

And even as her forest-industry study is being shepherded through the press, Prof. Marchak and four colleagues have launched a three-year project aimed at dissecting the B.C. fishing industry.

Ultimately, Prof. Marchak says, her aim is to build up a composite sociological picture of a resource economy — "what happens to working people and the communities in which they live when you have a whole province that is primarily dependent on the exploitation and export of natural resources."

Prof. Marchak emphasizes that the bottom line of her research will be its effect on classroom teaching. "I want to be able to take the results into the

classroom and say to students, 'I'm not guessing about what's happening in B.C. resource industries. Here's what's happening and here's the evidence.'

"In addition," she adds, "some of the information should make it possible to draw some conclusions that will serve as the basis for policy recommendations, something we're unable to do now because we lack the data for decision making."

Prof. Marchak's study of the B.C. forest industry is based on data collected in three communities — Mackenzie and Terrace in northern B.C. and Campbell River on Vancouver Island, chosen because each is entirely or largely dependent on the forest industry for economic health.

Prof. Marchak and a team of students gathered data for the study from two sources — a series of in-depth interviews with each adult in 385 households in each community and a questionnaire distributed to 319 other households where interviews were not carried out. In all, more than 1,400 individuals were used in the sample.

The purpose of the in-depth interviews, each of which lasted an hour, was to get a detailed educational and work history of every adult in each household. The individual's education-work experience was then matched to a political-economic picture of the B.C. forest industry, prepared by Prof. Marchak in advance.

The political-economic picture was basically a contemporary historical description of the forest industry which chronicled such things as geographic change as well as changes in company ownership, industry technology and government legislation.

By matching up the work histories of individuals with the historical changes in the industry in recent decades, Prof. Marchak has built up a picture of how the industry has af-

ected the three communities and the lives of the people who live in them.

To a significant extent, she says, her findings fly in the face of conventional wisdom about the industry and the people who work in it.

She maintains that the instability which characterizes the labor force and B.C. communities which are dependent on the forest industry is basically the result of government legislation and forest company policies, not the widely held stereotype of lumber-industry workers as itinerant employees who move from place to place because of a strong sense of independence.

"The basic reason for instability in the lumber-industry work force is layoffs and other conditions beyond the control of workers. In the vast majority of cases they lose their jobs because of economic slumps, or because the company they're working for is being taken over or going broke. The reasons have to do with the way in which the industry is structured, not with the choices of the workers."

Prof. Marchak's conclusions about work force instability apply primarily to people who are employed in B.C. logging and sawmill operations. A different employment picture emerges in a community which has a pulp mill component, a picture which reflects changes in the industry over the past four decades.

Pulp mills are basically automated operations, which require fewer but more skilled workers than logging and sawmill operations. Add to this the fact that pulp mills are enormously expensive to build and to close down and you have a situation in which a stable labor force is essential.

The response of the industry to this has been to pay very attractive wages and to create "company towns" as the companies move into remote areas of the province in their quest for raw material.



Associated sawmill operations, however, are mechanized rather than automated, Prof. Marchak points out, and still require a large number of unskilled workers. The result is that in an economic slump, there is a much greater chance that this work force will be laid off.

Much of what Prof. Marchak says about sawmill operations also applies to the logging end of the forest industry, which is rapidly becoming highly mechanized. "In some Interior towns," she says, "fallers, buckers and unskilled forest workers are being phased out because one man operating a harvesting machine can perform most of the necessary harvesting functions."

This enables companies to produce more raw material than can be handled at the central, integrated pulp and sawmill operation, which in turn allows the companies to lay off the logging and sawmill work force while at the same time ensuring the pulp mill a steady supply of trees to meet the demand for product.

These trends aren't just guesses, says Prof. Marchak. "I can quite clearly show, by matching workers' job histories to changes in the forest industry in recent decades, that

employment patterns differ for forest workers depending on whether they are logging, sawmill or pulp mill employees."

Prof. Marchak says the situation described above is a direct result of provincial government legislation which results in concentration of the forest industry in fewer and fewer hands, puts small companies out of business and militates against long-term, stable development.

"The kind of legislation passed by the government," she says, "determines what kind of companies are going to control the resource, even though the Crown owns the resource and issues forest management licences that permit companies to cut the timber."

"Provincial legislation has favored the growth of large companies which have tended to put small units out of business. The companies, in turn, create employment strategies which, because of the industry's technology and markets, make for an unstable labor force, which creates unstable communities.

"So the government, on the one hand, says its policy is to establish long-term economic development in B.C. while, on the other hand, it creates

Prof. Pat Marchak has found that Canadians know remarkably little about their own country.

legislation that militates against such a policy."

One way in which greater stability could be imparted to the labor force and communities dependent on forestry would be to develop secondary industry close to the large forest industry complexes, something Prof. Marchak doesn't see happening by the very nature of the way in which the industry now operates.

"I can't see the forest industry voluntarily developing secondary industry. The change has to come at the provincial and national levels by governments prepared to introduce strong protectionist policies and to insist that some proportion of the surplus generated in the region should be reinvested in long-term growth."

Prof. Marchak believes the way to create stable communities and a stable labor force is to create legislation and have economic planning with those ends in mind, rather than with the objective of simply providing raw resources to big companies.

"For example," she says, "a government-backed marketing board for export sales or encouragement of co-operative marketing groups would remove the major obstacle to smaller, community-based companies. The larger companies are not a whole lot more efficient, in fact they waste a lot of wood in order to mass-produce dimensional lumber and pulp. Their advantage is that they can compete on world markets because of their size."

"There are a number of communities in B.C. — in the Slocan valley, in the Lardeau valley, up at Smithers, for example — which have been trying for years to gain more local control of the forest industry. The municipality of Mission is the only community now that has a tree-farm licence. Spokesmen for these community groups emphasize that local groups could produce lumber at much less waste, and would seek ways of diversifying their economic base."

For Ross Mackay, retirement means more time for research in Canada's Arctic

When Prof. J. Ross Mackay of UBC's geography department first ventured into the Canadian arctic in the early 1950s, he was driven by one of the most powerful forces that motivate university researchers — simple curiosity.

If pressed, he will admit that it did occur to him from time to time that some of the symbols of modern industrial society — roads, bridges, airfields, new communities and the heavy equipment needed to build them — might invade the north some day.

Certainly, he wasn't thinking how important his research results would one day be to the invaders.

More than 30 years of basic work on the geography of Canada's arctic has gained for Prof. Mackay an international reputation as an expert on that area's geomorphology — the study of the origin and development of arctic surface features — and particularly on permafrost, the perennially frozen ground of that region.

Oil companies and other northern developers have beaten a path to his door for advice, which he freely provides because he believes in another cornerstone idea of the academic life — that research results should be freely available to anyone who has a legitimate use for them.

And over the years he's been the recipient of the major awards of North American and international geographical bodies, who are generally chary about who gets their top honors.

Prof. Mackay says his curiosity about the north is still far from satisfied. He spends even more time pursuing his research interests in Canada's far north, particularly in winter, after retiring from full-time teaching duties at UBC in June of this year.

The road that was to lead to a reputation as one of Canada's leading arctic experts began for Ross Mackay in the late 1940s when he was teaching at McGill University in Montreal, where the Arctic Institute of North America then had its headquarters.

Two years after joining the UBC faculty in 1949, he made his first journey to the north, where his exper-



tise as a cartographer and geomorphologist was put to use. Armed with a series of aerial photographs taken by the federal government, Prof. Mackay and two companions spent the entire summer walking inland from the Beaufort Sea north of Great Bear Lake comparing features in the aerial photographs with on-the-ground observation.

The object of the study was to determine whether land features pictured in the aerial photographs accurately reflected actual ground conditions.

Prof. Mackay knew that many of the features pictured were the result of permafrost, the frozen ground that covers about half of Canada and which varies in depth from 1,000 feet in the western arctic to 1,700 feet in some areas.

Over the next 30 years, in addition to studying permafrost, Prof. Mackay did intensive work on other arctic phenomena — bodies of ground ice

which may be up to 100 feet thick in some areas, ice wedges which form when water freezes in arctic ground fissures, and ice-cored hills called pingos, which grow near the centre of drained arctic lakes.

Except for a couple of years when he was on study leave or working abroad, Prof. Mackay has visited the Canadian arctic every year since 1951 to carry out his research, mostly in the Mackenzie River delta and coastal area of the western arctic, where the federal government has reserved a site for his exclusive use on Garry Island, where Alexander Mackenzie reached the sea on his historic 1789 voyage down the river that is named for him.

During his arctic visits he occupies two winterized cabins, one on Garry Island and the second 40 miles to the east, where he has drained an arctic lake as part of an experiment designed to investigate the growth of permafrost and pingos.

Prof. Mackay began to get an ink-

A colleague describes Ross Mackay as "a model scholar who has consistently reminded us of the abiding purpose of a university"

ling of just how important permafrost research was in the late 1960s, when the first of what was to become a flood of telephone calls began to reach him at UBC.

The callers were oil firms and other northern development companies which were in need of assistance and advice about permafrost conditions which might affect their operations and the natural environment in the Mackenzie delta and western arctic coast, the areas where Prof. Mackay had been active.

With his knowledge of permafrost and ground ice conditions in those areas, Prof. Mackay was able to advise the companies about what happens when there is an increase in surface activity or when ground cover is stripped off.

The most immediate result of surface activity is that permafrosted ground will literally cave in, or subside, which could create havoc if special measures aren't taken to minimize or prevent thawing.

Oil pumped to the surface from deep underground, where it has been heated because it's closer to the earth's core, can't be transported through underground pipelines in the arctic because thaw-induced subsidence would result in stresses that would crack the line.

As a matter of principle, Prof. Mackay has never accepted personal consulting fees for any of the advice he has freely given to companies, although his colleagues insist he could have made a small fortune in this role.

One company provided grants to UBC for a graduate student fellowship, while other companies have provided Prof. Mackay with extensive drill hole data as well as transportation and logistic help for his graduate students.

For the most part, Prof. Mackay has been supported by the Geological Survey of Canada, the Polar Continental Shelf Project of Energy, Mines and Resources, and the Natural Sciences and Engineering Research Council.

His work on disturbances to permafrost has also helped in the develop-

ment of government land-use regulations in the far north. He's recently been appointed to the Beaufort Sea Panel, which will review plans to extract oil and gas from underwater deposits off the Arctic coast.

Prof. Mackay's research, which has resulted in more than 150 published papers, has not gone unnoticed by his peers.

The Royal Canadian Geographical Society awarded its Massey Medal to him in 1967. He was the recipient of a Centennial Medal from the federal government in 1968, and he received the citation of merit from the Canadian Association of Geographers at the International Geographical Congress in 1975. In 1975 he also was awarded the Miller Medal of the Royal Society of Canada and UBC's top prize, the Prof. Jacob Biely Faculty Research Award. In 1977 he received the Outstanding Fellow Award of the Arctic Institute of North America.

Anyone planning to write about Prof. Mackay's contributions to arctic research can't help being impressed by the awe in which he is held by colleagues in UBC's geography department.

Dr. Michael Church, a former student of Prof. Mackay who is now an associate professor of geography at UBC, points to the sheer volume of careful description and analysis that his mentor has carried out over the years.

"He's invented very simple methods for measuring ways in which the arctic landscape changes, which is very important from an academic point of view as well as for northern development.

"It's taken someone like Ross to show us that these kinds of measurements can be made and one of his greatest impacts will be to inspire others to develop ways of making new, better and more extensive descriptions."

Some of Prof. Mackay's ingenious methods of scientific investigation were detailed recently by a colleague, Prof. Bill Mathews of UBC's Department of Geological Sciences, who gave one of a series of lectures honoring Prof. Mackay.

He described a response by Prof. Mackay to the problem of obtaining a precise time of day and year when an ice wedge cracks open as the result of permafrost chilling.

The solution turned out to be a variation of technique pioneered earlier by Prof. Mackay, who embedded a slender wire in the arctic top soil across the axis of an ice wedge in the summer when the soil was thawed under the summer sun.

The wire, when frozen in with the winter cold, would snap the instant the ice wedge split open.

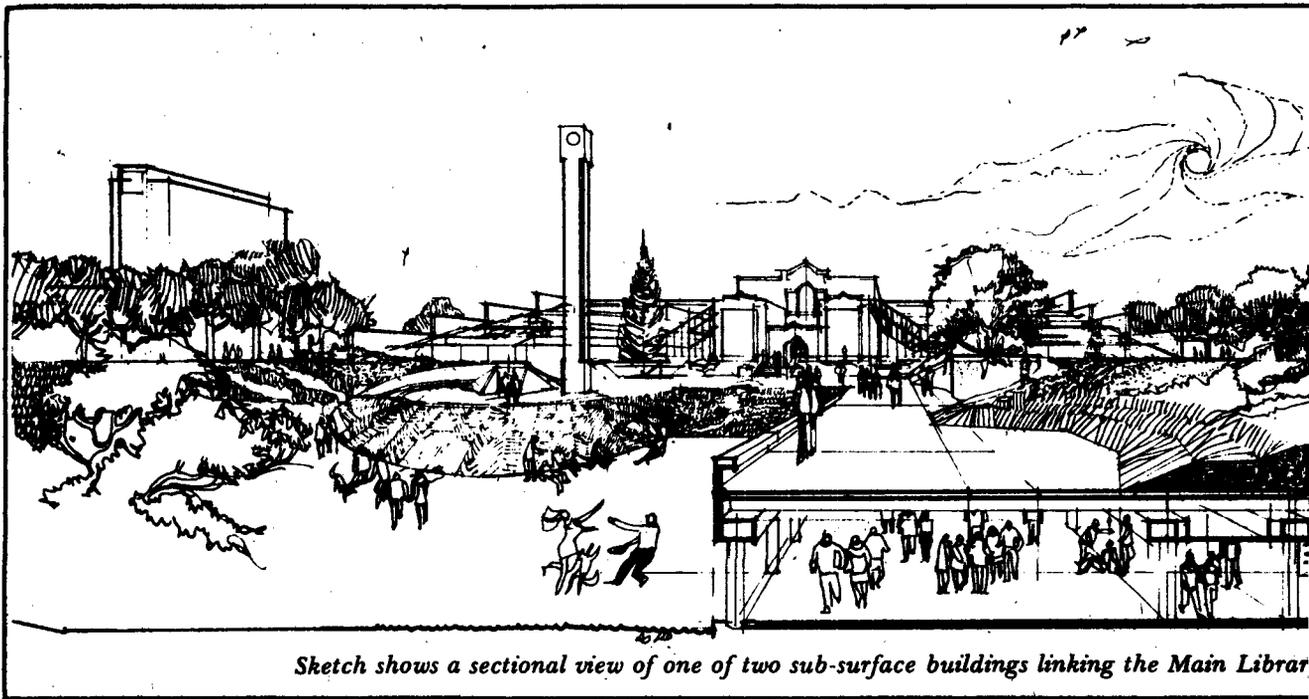
To pin down the exact time the wire snapped, Prof. Mackay employed an inexpensive electric watch that recorded the time of day, day of the week and month. He disconnected one battery terminal and reconnected it via the "breaking wire." When the ice wedge cracked, the wire snapped and the watch stopped.

And since the watch could be left untended for many months before it repeated its day-date pattern, it was possible to recapture both the time and date of the rupture using the doctored wrist watch. Prof. Mackay now obtains the same information with sophisticated electronic timing devices.

Dr. Church characterizes Prof. Mackay as a "model scholar who has consistently reminded us of the abiding purpose of a university by teaching conscientiously and sticking to his research. He's been responsible for the emergence at UBC of a relatively outstanding group of physical geographers in the Canadian context."

Prof. Mackay, being a singularly modest man, would never give voice to the kudos that come easily to his colleagues.

He admits that over the years he's had plenty of offers from elsewhere that would have paid him a great deal more money. And he adds: "I've stayed at UBC because I've been a member of a congenial department under capable heads and where I enjoy good relationships with other faculty members. I've enjoyed working at UBC because I've been given the freedom to get on with the kind of work I enjoy doing."



Sketch shows a sectional view of one of two sub-surface buildings linking the Main Library

Major redevelopment scheme propo

A major redevelopment scheme for UBC's library has been proposed to replace most of the antiquated Main Library building and to accommodate the collections and new growth anticipated for the next 10 to 15 years. At an estimated cost of \$49 million, the new library would encompass almost 500,000 gross square feet (350,000 net) and would provide study space for more than 1,000 users.

The original library was built in 1925-26. A north wing was added in 1948, and a south wing and stack expansion in 1960. Additions were made on an early plan featuring closed stacks.

During the 50s and 60s the system grew with the campus, solving space needs by way of decentralization. Now there are 12 external branches plus a Library Processing Centre.

The Main Library remains a serious problem. Overcrowded, wasting much space, costly to operate, and deficient under the building code in respect to fire, earthquake and other concerns, it needs replacement.

The problems of the Main Library cannot be resolved in a remedial fashion for they are too many and too severe. Meeting code requirements alone would result in a net loss of 50-60,000 square feet. At a minimum cost of \$5 million, such remedial work would still leave an overcrowded, space-prodigal, costly library, extremely wasteful of both financial and human resources.

The architectural concept for the Main Library redevelopment project is a response to the goals and objectives developed by the University. The

plans provide for a new Main Library that is open, bright and service-oriented. The new structure will have eight floors with two sub-surface wings connecting to Sedgewick Library.

The original building will be restored and will become the hub of the new complex. Surrounded by a skylit atrium, stairs, ramps and entries will converge on its two lowest floors. Special Collections could be displayed in its grand hall.

The new building will surround the old part with terraced and landscaped wings on either side. The Library garden between the Main Library and Sedgewick will be expanded, thereby minimizing the impact of the new building. Paths and stairs will carry pedestrians over the underground floors of the Library and down into the space below the Clock Tower.

The pool west of the main entrance will be maintained in its present position. Viewed from the Main Mall, the Library will integrate to a considerable extent into the landscape.

New entrance

A major entrance will open off the East Mall.

An important feature of the design from the viewpoint of the campus is its looped concourse connecting East Mall to Main Mall. The existing entrance will remain and be connected by an additional stair to the main concourse and catalogue area. Handicapped users will have access to all areas by ramps or elevators.

The original greystone Library has won a place in the affections of many UBC people. Some see it as an attractive piece of architecture, some as a historical monument. (Others condemn it for its shortcomings, but they are a minority.)

There is a general agreement that the Library is both literally and figuratively the heart of the University. The feeling is prevalent that the original structure should be preserved.

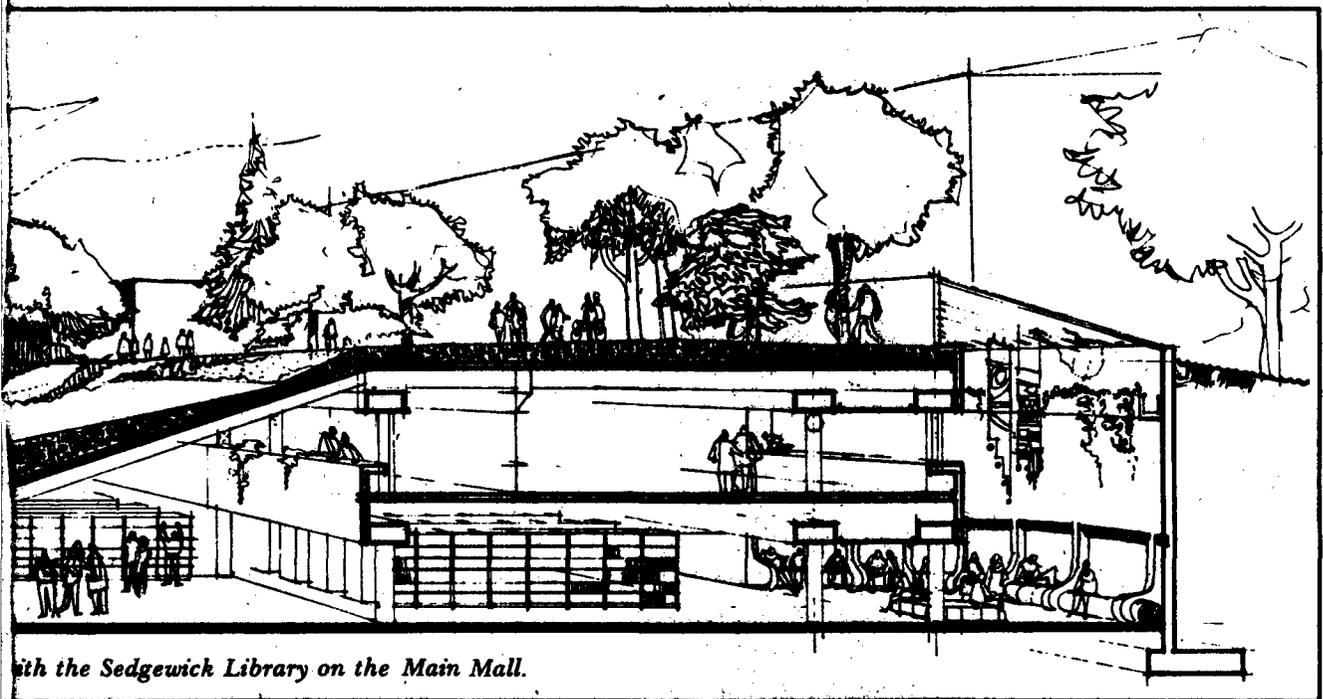
The design concept chosen focuses on the original library, as on the stone in a ring. It is set off with space so that it can be fully seen. The strengths of the structure would be emphasized and its qualities augmented.

Open space

A major policy directive in the development of the design concept was that the open space between the Main and Sedgewick Libraries must be maintained, the major trees preserved and existing pedestrian routes improved.

A firm of landscape architects was commissioned to survey the trees in the area, identify those of importance that could not be moved, those that could be relocated, those that could and should be replaced, and those of no particular value.

The design of the building has made it possible to retain all but one or two of the major trees in place, and to enhance the green space between the libraries. Most of the shrubs and other plants will be replaced.



with the Sedgewick Library on the Main Mall.

ed for UBC's landmark Main Library

Better pedestrian routes are provided by creating two mall routes through the buildings in addition to outdoor pathways over the underground structure.

Staging plan

The proper location for a central library to serve the campus is right where the Main Library is now. This imposes a stringent condition on central library development. To keep all parts of the Library in full service during the years of construction, the whole plan has to be synchronized and staged in precise detail. The staging plan provides for:

1. 110,000 net square feet of new space is built in the form of two sub-surface links connecting with Sedgewick.
 2. The occupants of the north wing of the Main Library are relocated, that wing and part of the stacks demolished and rebuilt to a new plan.
 3. The occupants of the south wing are relocated, that wing and the remainder of the stacks demolished and rebuilt.
 4. The original Library is renovated.
 5. Some relocation and internal readjustment is made.
- At best — barring slow approvals, materials shortages, strikes, mistakes, natural disasters — the process will take at least seven years.
- The new Library will make it possible to bring some smaller branches back into the central building, and to deploy staff more effectively.

Although capital costs will be high, the pay-off is expected to come about through better utilization of land, space, energy, staff and operating funds. It will be possible to provide better services in a larger building at minimal additional cost.

The new building should look after collections growth till the last years of the century. In the 21st century, the building could be expanded west of Sedgewick.

Rich resource

The Library collections are rich in resources covering the broad range of UBC's teaching and research interests. Having been systematically developed for 65 years they contain much material that is no longer available at any price. Their real value is incalculable, but for insurance purposes the valuation exceeds \$160 million.

Bound books and journals, the backbone of the collections, number 2.2 million volumes. Material in other formats — microforms, documents, recordings, films, maps, etc. — amounts to 3.2 million items.

Each year, despite the development of other ways of presenting information and ideas, more books are produced than the previous year. The estimate for 1981 is some 600,000 titles issued from the world's presses.

The main attraction of the UBC Library for the people and organizations of the province is its collections. Built for a major research university, those collections are of use and interest far beyond the campus.

Library users

In the absence of a "Provincial Library", individuals, organizations and other libraries turn to UBC for the needs they cannot satisfy from their own resources.

- * Members of the public routinely use the collections, facilities and services on the premises.
- * Faculty and graduate students of other B.C. universities and colleges borrow materials directly.
- * Other persons and firms, on payment of a modest annual fee, borrow directly.
- * Through interlibrary loans people throughout B.C. and elsewhere borrow from UBC.
- * UBC Library and its staff have played major roles in the development of co-operative and networking arrangements in the province.
- * Collections policies of other libraries particularly at post-secondary institutions, are predicated on UBC's extensive holdings.

The UBC Library has come to be, in practice but without official acknowledgement, a provincial library, a back-up to all other libraries in B.C., and a regional "library of last resort."

ubc news roundup

Expansion challenge welcomed

UBC's engineering school is looking forward to expanding to 2,500 undergraduate students from 1,650.

The move is the key recommendation in a report of the Universities Council of B.C. on engineering education in the province.

Applied Science Dean Martin Wedepohl said he welcomes the challenge to expand.

"It will mean," Dr. Wedepohl said, a "badly-needed updating of facilities and an increase in the strength of our faculty. We will be submitting details of what will be needed to meet the expansion to the Universities Council as soon as possible."

UBC's engineering school has been asked to develop immediately a proposed program of planning for the expansion which would include advice from UBC engineering alumni and the Association of Professional Engineers of B.C.

The total projected enrolment of 2,500 for UBC is estimated by UBC engineering school officials to be the "critical" size for it to achieve international repute.

The council's report, prepared by an ad hoc committee on engineering education chaired by Dr. P.R. Sandwell, said there is an urgent need to replace some of the obsolete laboratory equipment in use in the school.

Council members of the committee besides Dr. Sandwell were D.A. Freeman, Q.C., and J.D. Hetherington.

Non-council members seconded to the committee were R.G. Fraser, past-president of the Association of Professional Engineers of B.C., MacKenzie McMurray, past chairman of Dominion Bridge Co. of Montreal, Dr. W.G. Schneider, past president of the National Research Council, and C.N. Simpson, past president, H.G. Acres & Co. of Toronto.

The council's report says UBC should reach a total of 2,500 students "by the middle or latter half of the decade."

It also identifies UVic as the location for a second engineering school in the province and says UVic officials should continue with planning to establish one.

"The recommendation to proceed at that location," the report says, "will be made by the Universities Council of B.C. when the need based on demand is clearly perceived."

The report also says SFU should continue to offer the first two years of

an engineering program that enables students to transfer into accredited engineering schools elsewhere.

At the present time, a series of universities and colleges in the province offer the first two years of engineering as a "feeder" system to UBC's engineering school.

The report says SFU has an excellent foundation upon which to build a third engineering school if and when the need arises. SFU should be encouraged to study a program of engineering science based on its present strengths in mathematics, computing science, kinesiology and other sciences.

The report also says a survey should be conducted of high school and undergraduate engineering students on their attitude toward engineering as a career.

the announcement June 26, said UBC was chosen "because of its proven capability in the industrial application of microelectronics and its accessibility to the industries that will make use of its services."

He said other centres will be located at the University of Toronto, the University of Sherbrooke, the University of Manitoba, the University of Alberta, and at a still-to-be-selected centre in the Maritimes.

The UBC proposal was prepared by Prof. Larry Young of electrical engineering and was supported fully by Simon Fraser University, the University of Victoria, the B.C. Institute of Technology, various B.C. scientific and research organizations and the electronics industry in B.C.

"This cooperation was clearly evident to the government," Senator Perrault said, "and augurs well for the future development of the Centre of Excellence."

"In particular I wish to acknowledge the energy and leadership shown by Dean Wedepohl (Martin Wedepohl, dean of applied science) who, more than anyone else, pulled together the various interest groups and led the development of the proposal which has become a reality today."

The senator said the microelectronics lab at UBC is acknowledged as one of the finest among universities in Canada.

"This well developed existing base should develop into a centre which can work with industrial companies, and other research facilities to:

- produce prototype and small production runs of custom integrated circuits for local industry and research groups at a level of technology comparable with the most advanced industrial practice;

- undertake research contracts in the mainline of current research;

- develop new types of devices for direct sale or licensing;

- provide an excellent level of education for graduate and undergraduate students;

- provide advanced training for personnel from local industry."

Dean Wedepohl said the UBC facilities will be open to researchers from other universities and industrial firms.

Provincial Universities Minister Pat McGeer said establishment of the center "gives UBC a big leg up in prestige. It's reckoned this field will grow thousands of times in a decade."



Dean Martin Wedepohl

\$1 million for microelectronics

UBC has been designated a 'Centre of Excellence' by the federal government for research into microelectronics, and will receive up to \$1 million over the next five years from the ministry of industry, trade and commerce.

Senator Ray Perrault, who made

UBC classicist heads new school

A higher profile for Canada in Greece is one of the aims of Dr. Hector Williams, a 35-year-old UBC faculty member who took up an appointment as the first director of the Canadian Archeological Institute in Athens on Sept. 1.

In addition to encouraging more Canadian archeological and scholarly activities in Greece, Dr. Williams will be closely associated with the Canadian embassy in Athens as a sort of cultural attache.

In this latter capacity, the UBC associate professor of classics has been in touch with the Provincial Museum in Victoria and the UBC Museum of Anthropology to explore the possibility of staging a display of Northwest Coast Indian art in Greece. An exhibition of Canadian Eskimo art is another possibility.

Topping Dr. Williams' priorities, however, is to get more Canadian excavation going in Greece, even though permits are becoming harder to obtain.

"The Greek government," he said, "will issue excavation permits only to those countries which have an institute functioning there. Canadian groups have done some work there in the past, but only because they were able to get a permit through an existing institute.

"There's a University of Toronto team excavating a Minoan town at Kommos on the island of Crete now under a permit obtained through the American School of Classical Studies."

Another difficulty is the escalating costs of excavation. "In 1968, workmen were paid \$5 a day for work at an archeological site," he said. "Today, they're getting \$42 a day."

Dr. Williams' involvement with the Canadian embassy in Athens stems from the considerable financial contribution which the federal Department of External Affairs is making to the operations of the new Canadian institute on the understanding that the director will look after Canadian cultural interests in Greece.

The Social Sciences and Humanities Research Council of Canada is putting up \$125,000 over three years for the support of the institute and additional support will come from several hundred Canadians who are members of the institute and from Canadian companies doing business in Greece.

"The Bank of Nova Scotia has made a financial commitment for five years," said Dr. Williams, "and Denison Mines, which has the oil exploration rights in the northern Aegean Sea, will also be contributing." Thirteen Canadian universities are also making grants to support the institute.

The prime mover and fund raiser for the Canadian institute is Hamilton Southam, a member of the well-known Canadian newspaper family, a



Dr. Hector Williams

former Canadian ambassador to Poland and the founder and for 12 years director of the National Arts Centre in Ottawa.

The institute, Dr. Williams said, has existed only on paper for the past five years and would have "withered on the vine" had it not been for Mr. Southam's efforts in encouraging national support for the development.

Dr. Williams, who was raised and educated in Fort Churchill, Manitoba, and Fort Smith in the Northwest Territories, is no stranger to the world of classical archeology.

He's visited the eastern Mediterranean regularly since 1965, studied at the American School of Classical Studies from 1968 to 1970 and took part in three of that school's Greek excavations.

Since 1970, Dr. Williams has been involved in a Turkish excavation project under the direction of Prof. James Russell, a classics department colleague.

They've supervised the excavation of some of the major buildings and

restored ancient art found in the ruins of Anemurium, a city on the south coast of Turkey which flourished as part of the Roman and Byzantine Empires until the 7th century A.D.

The actual physical work of the excavation is complete and the two archeologists are now preparing material on their finds for classical journals. In addition to his duties as institute director in Greece, Prof. Williams will also continue to work on material gathered at another Turkish site and at a Greek excavation.

Dr. Williams, who is on leave of absence from his UBC duties to get the Canadian institute underway, will be accompanied by his wife, Caroline, herself a classical archeologist.

She's been awarded a two-year, postdoctoral research fellowship by the Social Sciences and Humanities Research Council to study Roman monumental street architecture in the Mediterranean.

All of which makes the Canadian Archeological Institute in Athens something of a family affair.



UBC graduate David Ward, right, is the first Canadian Inuit to receive a law degree. He got his LL.B. on May 29, the final day of UBC's 1981 spring congregation. At a reception following the degree ceremony, Mr. Ward was presented with a plaque to mark the occasion by Hon. Bora Laskin, left, who received the honorary degree of Doctor of Laws the same day. Mr. Laskin promised Mr. Ward he would "take it easy on him" when he made his first appearance before him in Ottawa. Mr. Ward, who is articling with an Edmonton law firm, is a former football player for (appropriately) the Edmonton Eskimos, an ex-talk show host and ex-alderman for the City of Edmonton. More than 3,000 students had degrees conferred on them by UBC's chancellor, Hon. J. V. Clyne, at three-day Congregation ceremony.

Unemployed grad myth shattered

The myth of the unemployed university graduate has been shattered once again with the release by UBC's Student Counselling and Resources Centre of a 141-page survey of the post-graduation activities of nearly 3,000 students who received their degrees in 1980.

Only 3 per cent of the 2,982 students who graduated in May, 1980, in 20 UBC degree programs were found to be unemployed when the UBC survey was carried out between October, 1980, and January, 1981.

The 2,982 graduates contacted represent 88.1 per cent of the total number of students who received their

degrees in the 20 UBC faculties and schools last May.

A comparison of the 1980 unemployment rate with the rate obtained in previous UBC surveys shows that unemployment for graduates has been steadily falling over the past five years.

The unemployment rate for arts graduates, for instance, dropped from 9.1 per cent in 1975 to 5.4 per cent in 1980; the 1975 rate of 5.7 per cent for commerce graduates dropped to 2.8 per cent in 1980; the rate in the same period for applied science grads dropped from 4.8 per cent to .9 per cent; for science grads from 10.3 to 4.8 per

cent; and for architecture graduates from 13 to zero per cent.

Dick Shirran, director of UBC's Student Counselling and Resources Centre, said the overall unemployment rate of 3 per cent is in line with January, 1981, Statistics Canada figures which show a 2.5 per cent unemployment rate in B.C. for people holding a university degree.

The same federal figures show that the unemployment rate in January, 1981, for those with 0 to 8 years of education up to those holding a post-secondary certificate or diploma ranged from 10.3 to 4.7 per cent.

Engineer wins UBC's top award

A man whose research has been applied to both Russian and American earth satellites has been awarded the Jacob Biely Prize this year at UBC.

Prof. V.J. Modi of UBC's Department of Mechanical Engineering is internationally known for solutions to ensure earth satellites remain precisely oriented in space.

Though a satellite may be placed in correct alignment with the earth when launched, a number of factors tend to make it deviate from this preferred orientation. Among them are the force of gravity of the earth and other planetary bodies, the earth's magnetic field, aerodynamic effects and disturbing forces due to solar radiation.

Prof. Modi and his students have evolved methods to estimate the disturbing effects on many types of satellites and correct them. The feasibility of his methods has been proved by several U.S. and Soviet satellites.

His work promises to extend the useful life of satellites and provide enormous cost savings. His research will grow in importance as satellites increase in the size of their main body and in the size and length of flexible



Prof. V.J. Modi

components such as solar panels and antennae. A large number of the next generation of communications satellites belong to this category.

Prof. Modi's studies on the effect of the sun, moon and other planetary bodies on the motion of a satellite, in the scientific literature referred to as

"many body problem," represent a major advance since the pioneering contribution by Lafrange in 1772.

He is participating in a proposed experiment on the Space Shuttle which involves using a 100 km long tether for charting the earth's magnetic field.

His research interests span several areas including aerodynamics, biomechanics and ocean engineering. Recently his group developed a prosthetic mitral heart valve of considerable promise. He is currently involved in development of a low-cost wind operated irrigation system particularly suited to small farms in developing countries. Recently Dr. Modi was made Associate Fellow of the American Institute of Aeronautics and Astronautics and Fellow of the Canadian Aeronautics and Space Institute.

The Prof. Jacob Biely Faculty Research Award is UBC's top research prize. It was established by Prof. Biely's brother, George, in 1968. Biely, an internationally-known poultry scientist whose association with UBC covered half a century, died June 3 at the age of 78.

Mature adults subject of reports

Widespread changes in educational services to enable more mature adults to pursue higher education at UBC are called for in two reports released by President Douglas T. Kenny.

The reports call on all B.C. institutions offering post-secondary education to "re-examine their policies, procedures and requirements" to ensure that barriers are removed to enable mature adults to undertake both credit and non-credit general and professional continuing education and degree-completion programs.

The reports, prepared at the request of President Kenny, are based on analyses of Canadian population changes and University enrolment patterns and are the first step in the development of "a comprehensive long-range policy regarding continuing education at UBC."

The reports were written by Dr. William Tetlow and Robert Taylor of the UBC Office of Institutional Analysis and Planning and by Jindra Kulich, director of the Centre for Continuing Education.

The reports identify four major mature-adult constituencies — those over age 24 — which will "become of ever-increasing importance to all post-secondary institutions."

The mature-adult group, the reports say, now accounts for one-third to one-half of UBC degree registrants in a total enrolment picture characterized by a shrinking pro-

portion of 18-to-24-year-olds, who have traditionally made up the largest number of UBC registrants.

The four mature-adult population segments identified in the reports are:

- The mature non-employed, including housewives and retired persons, many of whom are seeking degree completion or personal enrichment courses;

- Wage earners who seek diplomas, certificates and degree-completion to enhance their skills and competitive position in the job market and for whom educational pursuits are made possible by shorter working hours and increased leisure time;

- Members of professional organizations who require continuing education activities because the half-life of many professionals is now less than 10 years as a result of technological change, legal requirements and exponential knowledge growth; and

- Geographically mobile families and individuals, many of whom have difficulty in consolidating their efforts toward degree completion.

"Institutions which ignore these groups," the report by the Office of Institutional Analysis and Planning comments, "will run the substantial risk of becoming as obsolete as buggy whip manufacturers in the automobile age."

The same report says a federal government study has found that the

two barriers of finance and time are the reasons most frequently given for not pursuing higher education.

The report adds: "Institutional barriers such as residency requirements, transfer credit, time and place of course offerings and insufficient support services are also very significant. Thus, all institutions need to re-examine their policies, procedures and requirements to ensure that these barriers are removed."

All B.C. post-secondary institutions are suited to offer education services to these groups, the report says, "although UBC, with general, professional and health sciences faculties, "is the only institution able to service all these needs."

Its uniqueness rests with its comprehensive range of professional faculties, including Agriculture, Commerce, Education, Engineering, Forestry and Law, as well as such health sciences areas as Medicine, Dentistry, Nursing and Pharmacy.

"Thus, while all higher education institutions need to focus more attention on the mature-adult constituencies," the reports say, "UBC should give priority to the needs of the professional and managerial constituencies."

"In this way the particular strengths of UBC can contribute most effectively to serving the educational needs of all residents of this province."

Czech playwrights fight censors

The 1968 Soviet occupation of Czechoslovakia brought a censorship on Czech theatre which forced playwrights to write in secret and smuggle their plays out of the country in order to preserve their culture.

Marketa Goetz-Stankiewicz, who became the new head of Germanic Studies on Jan. 1, has published a book called *The Silenced Theatre*, which looks at the works of contemporary Czech playwrights and explores a world of theatre which has survived despite marked efforts to suppress it.



Dr. Marketa Goetz-Stankiewicz

"The Czechs live at the crossroads of Europe and have become used to being occupied by foreign powers over the centuries," she says. "In the late 1960s, however, there was a thaw in the regime led by Alexander Dubcek, and plays were allowed to be performed. I got hold of some Czech plays and I realized at once that they were great theatre."

Dr. Goetz-Stankiewicz was born in Czechoslovakia and moved to North America where she was educated at the University of Toronto and Columbia University in New York. She has taught German and comparative literature at UBC since 1957. Her work on *The Silenced Theatre* began on a study leave in 1973.

"What makes Czech theatre so great," she says, "is the playwrights' perception of man in the 20th century. Despite the persecution and suppression of Czech drama the playwrights write theatre for the world."

The playwrights have suffered both artistically and in their personal lives because of the censorship.

"Most of them live under very bad circumstances, and several have been imprisoned for 'subversive activities' because of their writing," she says. "Vaclav Havel, one of the greatest Czech playwrights, is in prison and is not allowed a pencil and paper."

It is the humor and imagination of the Czech playwrights that makes them dangerous to the leaders of the regime, she says.

"They don't write political theatre at all. They write funny, clever plays and refuse to reiterate the values of the totalitarian system in which they live. It is their ability to think for themselves which threatens the regime rather than the subject matter of the plays."

The playwrights write at night and typewritten copies of their plays are circulated among the people. The plays are also smuggled out of the country where they are translated and printed in several languages.

Dr. Goetz-Stankiewicz is currently working on an anthology of Czech plays. "For me, this has become more than a professional interest. Even when I was writing the book, I didn't think about publication. I just wanted to write about these excellent works of literature. I'm lucky enough to have a combination of being able to speak Czech and English, and be in a profession where I can write, and I want to do what I can to introduce the English-speaking world to these playwrights whose works seem to me to be as topical for our society as they are in Czechoslovakia."

Teachers prepared to deal with handicapped students

An increasing number of handicapped children are being integrated into public schools in the province and UBC is playing a major role in this development.

The University is providing many of the teachers who work with these children through three diploma programs offered within the Department of Educational Psychology and Special Education in the Faculty of Education.

Dr. Sally Rogow, head of UBC's diploma program in education of visually impaired children, said the integration can be very successful when there are good support services for the children in the schools.

"I think attitudes play a large role in how successful these children are in their integration into public schools," she said. "It's good for the children to come into a positive atmosphere with people who are trained to help them learn."

In addition to regular classroom settings, children with visual, hearing and mental disabilities are taught in special classes within public schools and in specialized centres.

The three diploma programs that UBC offers to train teachers in this field are one-year programs in education of the visually impaired, the deaf and the mentally retarded. It is preferred that applicants for the program hold a B.Ed. degree but it's not essential.

The program for teachers of visually impaired children is the most recent of the three. Dr. Sally Rogow began organizing it five years ago, and some of the courses were offered under the diploma program in learning disorders. It was offered for the first time

as the program for teachers of the visually impaired in the 1979-80 academic year. It's the first university-level diploma program of its kind offered in Canada.

The diploma program for teachers of the deaf was also the first of its kind in Canada when it began in 1968, although there are similar programs in other universities now.

Dr. Perry Leslie, who heads the program, explained the type of training students receive.

"They do an extensive practica in various settings. They work in public schools in special classes, or in resource rooms to provide extra help for hearing-impaired children who have been fully integrated into a regular classroom. They also go to facilities such as the Jericho Hill School for the deaf or work with parents and infants in early prevention programs."

The program trains teachers to work with hearing-impaired individuals from infant age to post-secondary level.

The program for teachers of mentally retarded children, established in 1969, is headed by Prof. Bob Poutt.

Students in the program study various aspects of mental retardation, behaviour disorders, curriculum for mentally disabled children and language development.

"Graduates from our program are serving in centres all over the province," said Prof. Poutt. "They have been a major influence in the tremendous improvement in programs for the mentally handicapped that has taken place over the past ten years."



UBC's top women athletes for 1980-81 are, left to right, Anne Crofts, Physical Education 3, winner of the Joan Livesay Award and who also represents the women's team of the year, field hockey, winners of the DuVivier Award; gymnast Patti Sakaki, physical education 2, who became the first UBC woman ever to win the Sparling Trophy as UBC's top woman athlete for a second time; Kathy Armstrong, Home Economics 4 and Georgina Gray, Physical Education 4, who share the Kay Brearley Award for service to women's extramural athletics and are also members of the team of the year; and Debra Knight, Education 4, who was awarded the Barbara Schrodt Trophy for contributions to the women's athletic program as a participant and administrator.

Research, academic space needed

UBC's Board of Governors has approved proposals for expansion of the H.R. MacMillan Building to provide additional academic and research space for the Faculties of Agricultural Sciences and Forestry.

The proposals have been sent to the Universities Council of B.C., which makes recommendations to the provincial government on construction priorities.

The proposals envisage a major physical development to the west of the existing MacMillan Building at the corner of Main Mall and Agronomy Road. The proposals call for separate wings to accommodate an expansion of each faculty as well as construction of some 7,000 net assignable square feet (NASF) of space for the joint use of both faculties and for other University purposes.

The estimated cost of the development is more than \$28 million.

Both faculties make a case for the expansion in the light of overcrowding and expanding enrolments.

The agricultural sciences faculty says it needs additional space for research, additional teaching and laboratory space for new programs such as landscape architecture and the interdisciplinary Land Resource Science Centre and for the consolidation of some of its academic departments which are now housed in "distant" facilities in other parts of the UBC campus.

The faculty also desperately needs additional research space for faculty members and graduate students currently involved in more than 200 different projects. The faculty's 1978-79 research grant total of \$2,356,731 represents the highest research support per faculty member in any of UBC's 12 faculties, the proposal says.

The Faculty of Forestry proposal says that while its need for additional space can be associated with enrolment increases, its most pressing need is for research and associated space.

B.C., the proposal says, "is on the threshold of a new era in forestry," as the result of new provincial forest and range acts which place new emphasis on management of the forest resource.

The forestry faculty says it also needs additional space to provide for an expansion in its continuing education program which aims at upgrading the qualifications of forest technicians and keeping forestry graduates abreast of new developments.

The forestry proposal says that a 71 per cent increase in research funds over the past four years "reflects an increasing awareness of forestry" and adds that it has a current need for some 44,500 NASF of new space to meet teaching and research obligations.

Discovery Park UBC will extend co-op research with industry

Discovery Park UBC became a fact in the summer of 1981 when the University and the Discovery Foundation signed a lease that establishes a 56-acre research park at the southeast corner of the campus.

President Douglas Kenny said, "The University welcomes the initiatives of the Government of British Columbia in advancing opportunities for research in the province. We see it as a great opportunity for this University to help establish British Columbia in the forefront of technology for the year 2000 and beyond.

"Central to the lease is a set of development criteria designed to ensure that Discovery Park is developed and occupied in a manner consistent with the University's goals for research, as well as those of British Columbia and Canada," Dr. Kenny said.

"The lengthy negotiations leading to the agreement have taken full note of University concerns as well as those expressed by the wider community."

Dr. Kenny said the agreement calls for tenants to emphasize the development of advanced technology related to the expertise of UBC faculty members. Other important objectives include contributing to Canadian technological developments, particularly with respect to B.C.; the enhancement of educational programs for students, particularly at the graduate level; and the fostering of collaborative research among government, industry and the University.

"UBC offers one of the greatest collections of brainpower in this country and the possibilities for bringing this talent to bear on the development of high technology industry in our province are tremendously exciting," he said.

"Discovery Park UBC will definitely attract more research in science and high technology to the University."

Dr. Kenny said UBC has been close-

ly involved in helping the province develop its present economy based on the exploitation of natural resources. To cite one example, he said, UBC graduates have discovered mineral resources in the province worth billions of dollars.

"The University now is looking forward to helping the province enter a new phase of its economic life by assisting in creating an economy that is based more on knowledge than on the abundance of nature," Dr. Kenny said.

The province, through Discovery Foundation, has four research parks. The other three are at Simon Fraser University, the University of Victoria and on government land adjacent to the B.C. Institute of Technology.

The Discovery Foundation is a non-profit society organized by the provincial government to stimulate research into science and technology. Its subsidiary, Discovery Parks Incorporated, will operate the four research parks.

Discovery Park UBC is bounded by 16th Avenue on the north, the TRIUMF cyclotron project to the south, Westbrook Mall on the west and the University's boundary with the University Endowment Lands on the east. The area is totally UBC property.

President Kenny said the agreement extends UBC's co-operative research with industry. A significant amount of UBC research is commissioned by industries across Canada and some organizations have already established their own research efforts on campus. These include B.C. Research; Agriculture Canada; the privately-owned Forintek, previously operated by the federal government; Pulp and Paper Research Institute of Canada; federal Department of the Environment, Fisheries and Oceans; Canadian Wildlife Service; fisheries research group of the provincial Fish and Wildlife Branch; and TRIUMF.

The \$40-million TRIUMF cyclotron

project is one of three of its kind in the world and is operated by UBC, the University of Victoria, Simon Fraser University and the University of Alberta.

UBC receives a total of more than \$30 million in research funds from a variety of sources and the amount increases significantly each year. This amount is the second largest received by more than 50 universities in Canada.

President Kenny said UBC's expertise could attract research in a number of particular areas.

In medicine a promising area is biotechnology which can mass produce at low cost such biological chemicals as insulin. Other research could involve biomedical engineering devices such as artificial heart valves, automated wheel chairs, artificial arms and legs, and safety and personal health monitoring devices for use in hospital operating rooms which require high illumination at low temperatures.

Pharmaceutical research could develop radioisotopes. TRIUMF will soon begin the manufacture of radioisotopes for the commercial medical market under an agreement with the University and Atomic Energy of Canada Ltd.

In engineering, UBC's Coal Research Centre will attract industrial research into new uses for coal. This work could stimulate associated coal research at Discovery Park UBC. Other engineering research could include precision machine tool technology for automated manufacturing as well as research into microprocessors and integrated circuits.

New agricultural products could be developed. So could "fine" chemicals, extremely high quality laboratory chemicals used in industry, hospital and university laboratories. Such products are not as yet manufactured in Western Canada.

Musings of a Would-be Philanthropist



Peter Lynde

Eric Nicol totes up the debits and credits of a university education.

How much should I give to the Alumni Fund?" Every grad is tormented by this question. I myself have spent hours, not to say minutes, agonizing over the amount I should write on the cheque. For me it is easy to give till it hurts. Just thinking about it makes me smart a little. What I need is a *guideline to giving*.

The problem is not one that a person can turn over to his accountant. The accountant may never have attended UBC. Never have sat enthralled in the presence of a G.G. Sedgewick or a Walter Gage, while those mighty minds gave him fresh vistas of the range of his ignorance. Our accountant may (ugh) have gone to SFU.

So, each of us must decide alone. How much to donate to Alma Mater, who is after all our foster mother? The old lady looked after us for four years, at least, after our parents ran away from home. But for that foster home on Point Grey we might have landed up on the street, holding a hub cap to which we had no legal title. Although we have forgotten everything we ever learned at her wrinkled knee, we owe her a debt of gratitude for opening our minds to universal knowledge, and postponing the horror of having to go to work.

For years I have guesstimated how much that experience was worth to me. Only now have I hit upon a more efficient method of reckoning the amount to subscribe to the Alumni Fund drive, and with typical unselfishness I hasten to share it with you:

A balance sheet of credits and debits of the UBC experience.

First, on the credit side for me, there is my master's degree in French. I reckon that's worth at least \$500. It would be worth more if I had got it at McGill, where French is part of the environment. For a western anglophone, a French M.A. has to be marked down and possibly remaindered.

Against that, in red ink, there is the Greek fraternity I was never asked to join. Being ignored, totally unrushed, left a scar. I wasn't sure whether it was because I was from a lower-middle-class family, wore funny clothes or had a breath problem. Minus \$400.

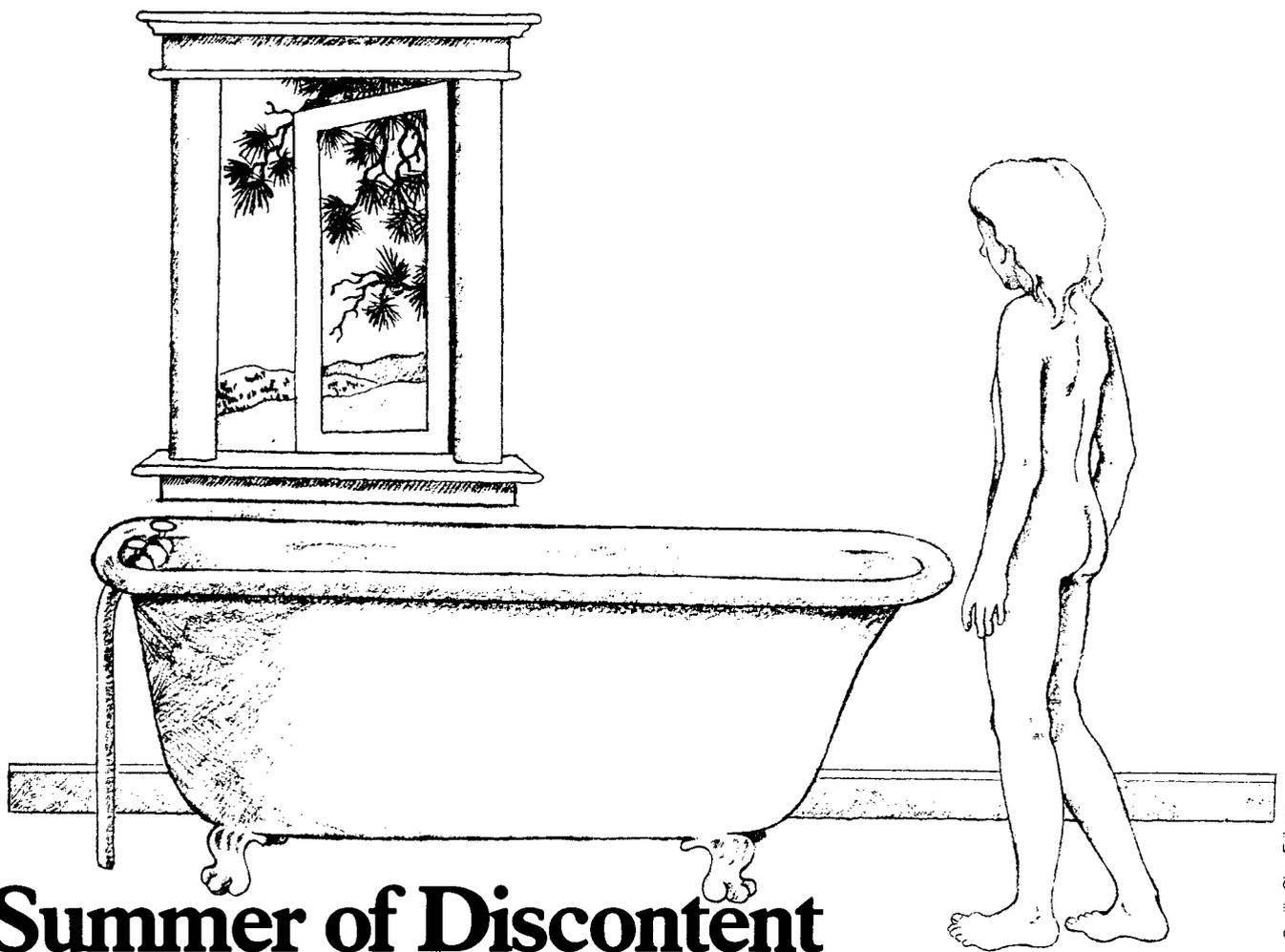
That item is more than offset by recalling that I once received a favorable comment from Freddie Wood, on an essay I'd written. The tall, lean, heavily-bespectacled Professor Wood looked like the C.A. appointed to audit the books of the Recording Angel. Students were known to be crippled for life by his withering sarcasm. Actually to get a word of praise from the father of the university's theatre restored my faith in being human after all, despite doubts raised during frosh initiation week. Credit \$450.

Nobody invited me to the graduation prom. In fact I watched all the dances at Brock Hall from the window of my monk's cell in the library stacks. Bitter-sweet is the memory of seeing the pretty girls in their gossamer gowns being escorted into the ballroom. My attending university depended upon my getting marks high enough to win scholarships or bursaries. I had neither time nor money to enjoy college as a social adventure, let alone lose my virginity as response to Tuum Est. Debit \$1.49.

Now, some episodes of the UBC experience are hard to evaluate as profit or loss. For example, I started my writing career with the student paper, *The Ubysey*. But for my being sucked into the morally fetid "pub," where freshettes accepted as reporters were expected to meet a deadline that had nothing to do with journalism, where would I be today? A nice question. The extracurricular activity does not appear to have materially damaged my senior editor on the paper, Pierre Berton, or associates like Alan Fotheringham and Les Bewley. On the other hand I was diverted from an academic career and potential access to The Faculty Club, with its excellent wine cellar. Credit the price of a bottle of plonk.

Having balanced the account of my years at UBC, and subtracted the general deduction of \$2000 for having my life shortened by caf coffee, I shall come up with a figure based on something more solid than nostalgia gone potty. You — sir or madame graduate — will want to make out your own objective balance sheet. Judging by all those smug faces in *The Totem*, most of you have cause to be more generous than I. And if you are, you are, you are an engineer — wow, what a bundle you owe to dear old Mum! □

Journalist, author and playwright, Eric Nicol (a.k.a. Jabez), BA'41, MA'48, is a three time winner of the Leacock Award for humor.



Cecilia Ohm-Eriksen

Summer of Discontent

Dorothy Young

Now you watch yourself, Millicent. You are here for a holiday not a rampage. Marion, you keep an eye on your sister and keep her out of trouble." Aunt Lillian sounded jocular but we knew that she never called Milly by her full name unless she was serious. "I didn't know what to tell your mother after last year's fiasco." Milly giggled and pulled a face at her when she wasn't looking. We helped her clear the table then escaped to our bedroom to change for the beach.

"Fancy thinking that you could keep me out of trouble." Milly laughed as she pulled her dress over her head and flashed brown tufts of hair under her arms. She wore a bra. That summer, she'd reached 16 and graduated from a "C" to a "D" cup. I looked at the brown bulges that stretched the cups and contained my envy. I was 12, a winter child with an academic ability that outweighed my physical development, and that, according to my mother, was supposed to be far more satisfying. We put on our shorts. Milly's were too tight and too short and made her buttocks look like a smooth peach, while mine resembled a skirt and flapped when I walked. Mother always bought to accommodate growth.

"May I borrow your lipstick?" I asked as I watched Milly's lips change to hot strawberry.

"Don't use too much," she mumbled, pressing her lips together and studying her face in the mirror, "your lips are too thin for a bright color."

We left the dark atmosphere of the old house and walked out into the Okanagan sunlight that blinded us at first, then proceeded to tan Milly and burn me. I took off the sunhat that I was supposed to wear as soon as we were out of Aunt

Lillian's range, and stuffed it into my beachbag which was full of Milly's paraphernalia.

"I wish we could go riding this year," I said wistfully, looking at the hills pocked with sage and rabbit bush.

"Well we can't," snapped Milly, "I might meet another cowboy."

"It wasn't the cowboy that upset Aunt Lillian, it was the fact that you stayed out all night."

"Yeah, well," said Milly, unwilling to pursue the matter, "we still have the beach and the funfair arcade."

"And the museum," I added; she gave me a disgusted look.

We passed a garden where a young man was trimming the lawn. He wore shorts and was naked above the waist. He stood up and smiled at Milly. She ogled him with her pale green eyes and rolled her buttocks slightly as she passed. I looked back and saw his eyes fixed on Milly's seat.

"I think you're disgusting!" I said.

"You're just jealous, kid," she laughed.

"No I'm not," I lied, "you behave like a child."

"On the contrary, it's because I'm no longer a child that you are so upset. Anyway, better to be a child than a humorless old maid at 12."

"I'm not going to be an old maid, and I'm not humorless."

We arrived at the beach and spread our towels. Milly shed her blouse and I took off my T-shirt. She was already bronzed; the tan made her eyes look like the color of a chlorinated swimming pool. I covered myself with lotion until I shone like a beached shell, and we lay in the sun and listened to the sounds of people on holiday.

"Now is the winter of our discontent—" I began.

"What *are* you on about?" mumbled Milly. She sounded far away.

"I promised Miss Bain that I would learn the opening speech of *Richard the Third* over the summer."

"Geez! I've got a lunatic for a sister. It's July, Marion. Winter and school will come soon enough without you having to remind me."

"Please, Milly, it won't hurt you to test me a bit." I threw the book over to her, "it's where the marker is."

She frowned and wrinkled her small nose, "O.K. Make it quick."

"Now is the winter —" I began again, and reached "Grim-visaged war hath smooth'd his wrinkled front —" before she slapped the book into the sand. "How can you like that stuff? It's so old hat." She threw herself back on the towel and arched her neck as if she were trying to get closer to the sun. "If skipping two grades gets you into that sort of rubbish, I'm glad I stayed where I did. I wouldn't mind if I never went back to school."

"What else would you do?"

"Get a job and a place of my own."

"Don't you like it at home?"

She gave me an odd look. "C'mon Marion, it's all right when you're a kid. But at my age, I want privacy."

"You'd have men staying overnight," I said knowingly.

She laughed. "Whatever gives you that idea?"

"You're a slut," I said primly, then regretted it as soon as it registered. She got up and kicked sand all over me before she marched off along the beach. I spat the gravel out of my mouth and tried to rub it off my body but it stuck to the lotion and felt gritty and uncomfortable. I don't know why I didn't wash it off in the lake; something about the exuberance of sunlight and water made me want to run back to the house and take a bath.

Aunt Lillian was out when I arrived. I'd passed the boy who looked at Milly but he didn't notice me. The house was a cool, silent sanctuary. I went up to the bathroom and ran a bath. The old tub, deep and discolored, squatted sedately on metal legs shaped like claws. The tap spewed an intermittent stream of hot water into its belly and I opened the window to let the steam out and the smell of *Ponderosa* pine in. I lay down in the bath; it accommodated my entire length until I could no longer see over the sides. I looked up at the window. The long needles of the pine were black against the blue light of the sky and I felt a longing for something I could not explain. I started to soap myself and recited Gloucester's speech, but after three or four lines, I thought about Milly and wondered what she was doing. I was sorry that I'd called her a slut and wished that I were more like her, not just physically either. Milly laughed a lot and pulled faces that made others laugh. Her expression was never dead; at parties, she would flatten her nose with her fingers and go cross-eyed. She could yodel like a cowboy, and did frequently to upset Mother, whose ideas of decorum were nurtured from a middle-class English background. She never went unnoticed, while my talents, solely in the area of academics, received only quiet admiration from teachers and awed confusion from relatives, who never knew whether to buy me toys or books for my birthdays. In class, it produced either indifference or jealousy from the students who were forced to compete with a kid two years younger than they.

I looked at my body. My arms, from my shoulders to my wrists, were straight and thin, and except for freckles and a redness below my knees, my entire body was white. I splashed water on my chest and watched the rivulets of milky soap run into the clear water. My nipples were small and flush with my chest. I had a round belly from bad posture — too much reading, according to Milly — and two hairs sprouted from the pubic mound. I uncurled them and they sprang back into coils. I wondered when the rest would grow. I was the only girl in my class without a bust. I rinsed myself and decided to join Milly.

It was a long walk from the house to the arcade and I was tired when I found her. Her lips were sticky and red from

candy floss. She was coming out of the haunted house. I didn't expect her to be alone but she was. She greeted me warmly and made no reference to the quarrel so I assumed that she had made contact with someone interesting.

"Have I ever met a humdinger!" she exclaimed, clutching my arm and turning me in the direction from which I came. She smirked and wiggled her hips. I could see the folds of her buttocks below her shorts. "Follow me," she giggled and walked over to the bow and arrow stall.

Two men working on the stall turned and welcomed her. One was a young man with strongly chiselled features and curly hair that fell around his neck and face; he reminded me of a beautiful Greek statue. The other was an older man, his blonde hair darkened with hair oil. He had a round face and a thick growth of blonde stubble grew around his wide-lipped mouth. His paunch grew thick over his belt and I gathered that the humdinger was the younger of the two, although Milly ogled them both.

"This is Marion, my kid sister." Milly gestured carelessly towards me and I felt myself blushing as they looked at me. "I've brought her for a turn." She threw a quarter onto the bench and the fat man scooped it into his palm.

"I'm Jim," said the younger man, "and this here's George." The fat man winked at me. "You'll have to watch him, he's English," added Jim, and both Milly and George laughed although I didn't see anything funny in the remark.

"O.K." said Jim, taking a bow and placing three arrows on the bench, "Now watch how I show your sister how to hold the bow, then you try." He put the bow in Milly's left hand and an arrow in her right, steadied her left hand with his and put his right hand around her, grasping her hand with the arrow, and drawing it back to her shoulder to demonstrate the position. His face was close to hers and he winked at George. Milly giggled and I felt ashamed of her.

"I get the idea," I said quickly, snatching the bow out of Milly's hand. I fumbled and put the arrow slot onto the string.

"Hold it this way," said George. He moved near and changed the position of my fingers. I smelled stale sweat when he raised his arms. I shot, hitting the outer rim of the target.

"Not bad for a first try," said Jim, his arms still around Milly. He handed me another arrow. I shot three; two hit the outer rim and one landed in the canvas beyond the stall.

"There goes my lunch," said George, pulling the arrow out of the sacking, "want another try?"

I nodded and took the arrow he offered me. "It's bent," I said, holding the arrow up. Both men looked at each other and George opened a long box and pulled out another. It was a new polished arrow with a feather flight.

"This better?"

I nodded feeling that I'd been right not to take just any arrow. I positioned myself and wished that Milly would stop giggling. The arrow landed just outside the outer rim, thudding into the straw packing round the target.

"I think you were better with the bent ones, luv," laughed George and lit a cigarette. His freckled fingers were brown with nicotine.

"It was Milly's giggling," I said pointedly. She loosed a new batch of snorts and giggles and I put the bow down. "I'll get a bull's-eye before I leave," I said and handed the bow back to Jim.

We walked home and she rehearsed all that Jim had said to her, asking me several times what I thought of him. I answered that he was attractive but that she could keep Georgie Porgy.

"I'm saving him for you," she laughed, then stopped abruptly because the boy who had been tending the lawn when we left the house, was sitting on the porch of Aunt Lillian's house. He was holding my sunhat.

"Does this belong to one of you?" he asked, "I found it near my garden."

"Thank you," oged Milly, "It's my sunhat." She sidled up to him and gave me a "get lost" look. I went into the house and Milly arrived much later. There was a dreamy quality about her. She sighed and sparkled alternately, washed the supper dishes at a protracted pace and would not talk. It was a familiar pattern; I knew that I would be spending the rest of the holiday on my own.

The new boy's name was Tim. He called next morning and invited us to a matinee of an Ingrid Bergman/Cary Grant movie. I'd seen it before but went again because I liked the love scenes. Cary spent most of the movie being hateful to Ingrid, until he could no longer hold back his love. They meet in a crescendo of background music and clasp each other in a motionless embrace, as if their kiss had turned them to stone. That's how I wanted love to be.

After the show, we all went down to the beach. I felt superfluous. Tim put his arm around Milly and she gave me that look. I wanted to leave but I resented having to disappear each time Milly found me an inconvenience. I started to talk about the bow and arrow stall, partly to annoy and alarm Milly, and partly to suggest that I had no intention of leaving. Tim's face was radiant; he groped in his pockets and produced 50 cents. "Why don't you try for a bull's-eye, on me." He offered me the 50 cents. I was amused at the way he worded his statement. I imagined that he wanted me to shoot arrows into him. I saw myself as a warped cupid. I took the money even though I resented being bribed. It was decent of Tim to pay for both my movie and my bull's-eye. I wished that he had done it for me rather than Milly.

I walked up the beach to the road. The coins were still warm from Tim's pocket. When I reached the road and looked back, they were kissing. It wasn't a bit like Ingrid and Gary. Milly had her mouth open, and Tim moved his lips as if he were eating an ice cream cone.

I went to the stall and shot six arrows but didn't get the bull's-eye. Jim and George teased me and asked where Milly was. Jim told me stories about his father's ranch and George offered me part of his bologna sandwich, which I refused because he touched it with his yellow fingers. They invited me back.

It became a ritual that cost Tim 50 cents a day. Milly was entranced but didn't stay out all night because Aunt Lillian knew Tim's mother, and Tim was invited in until Aunt Lillian went to bed.

I felt myself getting bolder with Jim, looking forward to the precious time that fifty cents would buy me at the stall. Jim stopped asking after Milly and I nurtured the hope that he might like me. I started to adopt some of Milly's mannerisms and completely forgot about Gloucester's speech.

On the day before we left, I decided to get the bull's-eye and persuade Jim to kiss me goodbye. I realised that it wouldn't be a vintage Cary Grant effort, not with all those people watching, but I imagined, with eyes closed, the touch of his lips, just momentarily, on mine.

I didn't go with Milly that morning because it was her last with Tim. She didn't question my absence. She had left some of her make-up in the bedroom and I spent some time trying to make my eyes larger with her eye pencil. I applied the hot strawberry lipstick, going out of the lipline for more fullness. I looked at myself in the wardrobe mirror. My face could pass for 16. I powdered over the freckles on my nose and squinted my eyes so that the lashes screened out the detail and the freckles disappeared. Only my body betrayed my age. I stood and looked at myself in my flat bikini top and my baggy shorts. I could do nothing about my shorts, but I stuffed my bra with bathroom tissue; there was a definite improvement.

I had to wait until Aunt Lillian went out before I could leave. I went through the back door and down the alley so that none of the neighbors would see. On the way to the 20 Chronicle/Autumn 1981

funfair a boy whistled. I stuck out the toilet tissue and walked proudly. When I arrived at the stall, both men turned and whistled.

"Hey! Who is this pretty little bird?" said George in his English voice.

"Whoever it is, it can't be our speckled hen," answered Jim.

"She's mine," said George emphatically.

Jim elbowed him out of the way and handed me the bow. "She's going to get a bull's-eye on her last day."

I took the bow and three of the newer arrows and put the money on the counter. My hands were shaking as I took aim. They were both watching me and I saw Jim's eyes slide to my bra. I looked down quickly to see if the tissues were showing. As I drew back the bow, the tissues felt awkward and uncomfortable. The arrow flew and hit the outside of the target next door to the one I was aiming for. It landed weakly, wobbled and dropped. George handed me another arrow.

"Forget about us, luv. Just go ahead and shoot for the bull's-eye."

I drew back the string and concentrated. The arrow hit the bull's-eye of the same target I'd hit before. It was an accident but I pretended that I'd aimed for that one. Jim leapt forward and shook my hand. He rummaged under the counter and produced a plastic doll in a Spanish dress. I stared at him; he was smiling at me like a benevolent uncle.

"I don't use dolls any more," I stammered.

"Then give it to your gorgeous sister, and tell her that Jim sends his love and she has to come and kiss me goodbye."

I must have looked crestfallen because I saw the change in George's expression. He looked quickly at Jim who was tidying away the arrows, and back at me, and I knew his expression was one of pity.

"Come here, luv," he beckoned. I was grateful for his intervention for I thought I might cry. I moved forward thinking that he would change the prize but he took me by the shoulders with his stubby hands, pulled me close to him and kissed me on the cheek. "You're going to be a real cutie when you grow up. I wish I could be around to see you."

I stepped back quickly. My cheek felt the way it had when a long-legged spider had fallen off the ceiling at home, landed on my head, and in panic, had scrambled down my face before it dropped to the floor. Milly and Mother had screamed when it happened, and for the rest of the day, my cheek had tingled with the memory of those legs. The fuzz of George's face and the dryness of his sun-blistered lips left the same feeling of horror, excitement, and fear. I dropped the doll and ran, hearing only the synthetic laughter and screams from the haunted house.

The make-up came off easily, and the tissue flushed away. I didn't sleep that night but crouched at the window long after Milly came in. I could see the hard white strip of the moonlit section of the lake and the colored lights of the Ferris wheel, still revolving, and I felt George's buzz on my cheek. I tried to concentrate on Gloucester's speech but the buzz came back. I felt the dry lips move around my face, closer to my mouth. I imagined myself stranded on an island with him, forever and forced to kiss him Hollywood style. I shook my head violently to stop the ideas coming. The buzz was spreading over me; I felt his lips on my neck and jumped back into bed, trying frantically to recite the speech, but all I could muster was, "Now is the summer of our discontent — now is the summer of our discontent —" and repeated it over and over until I fell asleep. □

Dorothy Young is a graduate student in creative writing. Summer of Discontent was the winner of the 1981 Chronicle Creative Writing Competition. Prizes for the contest are provided by the UBC Alumni Fund (see UBC Seen section).

Of Patrons, Projects and Catalysts

Judith Walker

In these days of double-digit inflation and interest rates higher than ever believed possible it's hard to find money to finance dreams. Harder still to find a patron who believes in your dreams — and wants to *give* you money to see those dreams realized.

But it happens. Not often, but often enough that many of UBC's treasures and some of its major buildings are the direct result of patrons with dreams.

Gifts of millions of dollars for libraries and hospitals don't fall out of the sky, though. There's a lot of spadework done before dreams come true. You've got to know the potential patrons, their interests and concerns, and the real needs of a place like UBC, says Dr. William C. Gibson.

If anyone knows about patrons and fundraising, Dr. Gibson does. Now head of the Universities Council of B.C., Gibson spent many years as a faculty member at UBC in medical history and neurological research, and as a member of various organizations such as the Muscular Dystrophy Association, the Wellcome Trust, and Kinsmen Rehabilitation Foundation. With his fingers in so many pies, Bill Gibson soon met people who had the potential of helping UBC. He realized he could act as a catalyst in putting patrons and projects together.

Take the birth of the Woodward



William Gibson

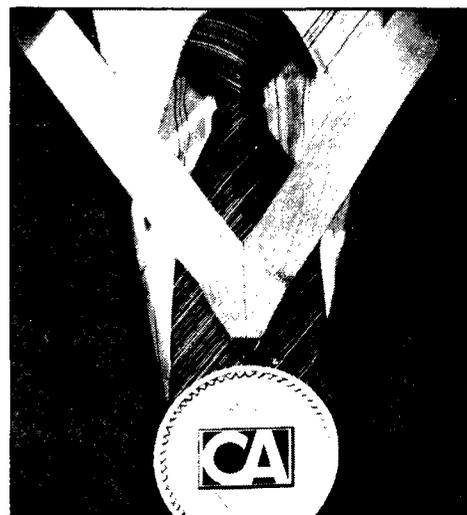
Ken Mayer

Biomedical Library, for example.

For many years UBC had been in need of a medical library to serve not only medical students but also the growing numbers of students in the health professions. One day P.A. Woodward, son of Charles Woodward, founder of the department store chain, telephoned Dr. Gibson and asked to see him. "I had done something for one of his physicians who had never forgotten it. This doctor told me that "Puggy" Woodward wanted to memorialize his father, and also the pioneer doctors of B.C. I saw that his interest in medical history and books could be put to good use and he soon became interested in the idea of a medical library."

When the Woodward Biomedical Library was close to being finished Woodward was very pleased. Says Dr. Gibson: "He said it was the only thing he'd ever built that he found no fault in. Then he asked me what I thought and I said I thought it was excellent but possibly too small. He said, 'Double it.' and we did. Not only do you have to know your patron well, you have to know what it is you want," stresses Dr. Gibson, "because you just might get it!"

Two other patrons whose generosity has left its mark on UBC are Cecil and Ida Green, and again volunteer fundraiser Bill Gibson had a hand in encouraging the friendship between the Greens and present-day UBC. Gibson had interned in the '40s at the University of Texas; Cecil Green, having spent three



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years at UBC's Fairview campus in the first decade of UBC's existence, had gone on to found Texas Instruments. To a catalyst like Dr. Gibson, no doubt the connection was irresistible.

Returning to Texas in the '60s to give some lectures, Gibson felt he should look up the former UBC student. "It took three tries to arrange a visit and even that was just a few minutes at the airport," Dr. Gibson recalls, "because he was so busy with the international development of Texas Instruments." Cecil Green had passed through Vancouver since his student days and admitted sadly that he recognized nothing of the new university on the Point Grey campus. "I sold him on the idea of coming up to see his old alma mater. We'd put him up at the faculty club and give him an extensive tour." Always having a worthwhile project or two in his back pocket, Dr. Gibson knew that Senator McKeen's mansion on the Point Grey cliffs was up for sale — \$105,000 for the house along with three acres of grounds. The tour he arranged for the Greens took them by a stump overlooking the house where, years ago, Cecil Green and a fellow student named Henry Gunning — later to become Dean of UBC's applied science faculty — used to eat their lunch during the annual round of engineering survey school. After some discussion about the need to

have an alumni presence on the campus, Ida Green urged her husband to purchase the mansion, and to add enough money to the gift to bring it up to \$200,000, to refurbish the house for the alumni association.

"They just came at the right time," says Dr. Gibson, refusing to take any credit for the end result of Cecil Green Park, adding that he feels the credit for bringing any particular gift to UBC probably belongs to several people, not just one.

"It's no use going to people for money unless you have an idea of their interests. You accumulate projects that need doing and then someday someone will come along. You're really only a catalyst in the process."

Dr. Gibson has nothing but distaste for people who seek out patrons for trivial or personal projects, or for projects where government should be paying the shot. He remembers very clearly P.A. Woodward's three maxims on donating: "I will give nothing to get government off the hook, but anything to get government on the hook. Private funds should be for quality items, and public funds for quantity items. And, excellence is the greatest economy while mediocrity is the most expensive thing you can invest in." So he was all for it when his friend Mr. Woodward put in \$4 million

toward a University hospital on the condition that the provincial government match that sum and the federal government double that in turn. "Private donations should be seed money," Gibson explains. "Is something going to grow from this beginning? — that is the question."

From his position at the Universities Council, he has a view of the needs and desires of all three public universities — UBC, SFU and UVic — and so his list of worthwhile projects is growing. His alma mater, Oxford, has also recently been the recipient of his catalytic endeavours. Cecil and Ida Green have given £2 million for a college at Oxford for clinical medical students.

"If you have a good university to work with, then the gifts will come in. At UBC private funds from donors, including alumni, have changed the face of things at Point Grey. High standards of performance in teaching and research are the best guarantee of interest by private donors, of whatever size." □

Judith Walker, BA'72, a former UBC information officer, is now a free-lance writer in Vancouver.

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A Man of Influence, A Man for Canada



High Commissioner Norman Robertson (right) greeted Canadian Gov.-Gen. Vincent Massey in London in 1957.

J. V. Clyne

“A Man of Influence” by J. L. Granatstein should be required reading for all members of the alumni association because it is the account of the life of Norman Robertson, the most distinguished individual, in my opinion, who ever graduated from the University of British Columbia.

As the author points out, the years which Robertson served in the department of external affairs saw the quantum jump in Canada's influence and power in world affairs and his role during the Second World War was an extraordinary one. He presided over the department during the change in Canada from a timid dominion to a sometime aggressive and nationalistic middle world power. He made the department of external affairs into a key ministry and created a foreign service capable of dealing with skill in the capitals of the world.

The book is of special interest to me as Norman Robertson and I were close friends during our years at UBC even though we held widely different views on political subjects. Norman was a strong believer in the philosophy of socialism. He foresaw communism being introduced in all parts of the world as a result of the Russian Revolution and readers of the book will be amused to see how his views changed in later life. We were members of the same clubs such as the Letters Club but his rather long and awkward frame made it difficult for him to participate in sports.

In those days the university was located in the Fairview shacks and as our homes were fairly close to each other in Kerrisdale we often walked home together. The long walk gave us plenty of time for discussion. Even then it was apparent to everyone who knew him that he had a brilliant mind. We both graduated in 1923 and Norman went to Oxford, having won the Rhodes Scholarship. I later went to London where I did postgraduate work in law and we continued to see each other from time to time either at Oxford or in London or on holiday in France. From my

memory of that time I believe there is a slight error in the early part of the book where it is said that Norman came down from Oxford to London during the general strike in 1926 to work in the offices of the communist paper, *The Daily Worker*. It is my recollection that he told me he was working in the office of the Trade Union Council, the body which was responsible for the strike. I had enlisted in the special police force so we were on opposite sides as usual. I do not know whether he stayed only two days in London as the book says, and then came down later, but I do remember that we had dinner together several times during the strike and compared notes.

Norman was always a reasonable person even though he held strong opinions. Our paths crossed only occasionally in later life, but it was always a pleasure to meet and talk to him. He was possessed of the art of friendship which was of great assistance to him when he joined the department of external affairs in 1929 as third secretary at the early age of 25. As he had developed first-class skills as an economist, he was soon participating in trade negotiations, and by the beginning of 1936 he was in effective charge of his department's share of trade and tariff issues with Great Britain and the United States. His abilities in these areas served Canada well not only before the war but during and after the war.

In 1941 Norman Robertson was appointed undersecretary of state for external affairs becoming the head of his department at age 37. He was the youngest of a number of contenders for the position including such men as Lester Pearson, Hume Wrong, and Hugh Keenleyside. The importance of the position at that time cannot be overemphasized. Today the undersecretary ranks with other deputies in reporting to their respective ministers in cabinet. But then, and until 1946, the undersecretary reported to the prime minister who himself always held the position of minister of state for external affairs. During the war prime minister Mackenzie King was too busy in overseeing the war effort, in looking after cabinet business and political affairs to pay much attention to the work of the department. So, as the book points out, Robertson became a quasi-minister filling a near ministerial role in his relations with the prime minister and members of the cabinet. He was, indeed, at the heart of the war effort.

Norman, worn out with his duties as undersecretary during the war, sought to be relieved, and in due course was appointed as high commissioner to Great Britain. After three years in this post, he was appointed as secretary to the cabinet in 1949. He did not enjoy that position and in 1952 he was reappointed high commissioner and returned to London. In 1957 he was appointed ambassador to the United States. He had hardly time to make an impact on Washington when he was asked to return to Canada in the fall of 1958 to resume his duties as undersecretary of state for external affairs. In the succeeding years he served under the Diefenbaker government during the time of the nuclear crisis and other stirring events. In



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early 1964 ill-health intervened and an operation for lung cancer caused his resignation as undersecretary. The operation was successful and he was able to represent Canada at a GATT conference in the latter part of the same year. Several scholastic positions also followed, but ill health pursued him until he died on July 16, 1968.

The story of Norman Robertson's life as contained in "A Man of Influence" is also the story of the life of the nation from 1930 to 1970, a period of vital change. It is a book which is well worth reading.

A Man of Influence, Norman A. Robertson and Canadian Statecraft, 1929-1968. by J. L. Granatstein, Deneau, \$24.95.
J. V. Clyne, BA'23, is chancellor of UBC.

Spotlight

20s

Lyle A. Atkinson, BSA'25, MSA'35, is compiling and writing a history of the Fraser Valley Milk Producers Association. He retired in 1966 after spending more than 40 years with the association, and witnessing many changes in the industry. The most important change, he says, is in the improved quality of the product. Sour milk used to be a major problem as milk was cooled in rivers and streams. Atkinson says he works on the history whenever the mood strikes but he doesn't let it interfere with his golf. A past president of the alumni association, he enjoys the freedom from deadlines that retirement brings...**William C. Brown, BSA'28**, has been awarded a life membership in Lions International in recognition of his many years of community service. Brown served on the municipal council of Maple Ridge, the parks and hospital board and has been a member of the local Lions Club for over 36 years.

30s

Recently honored by the Agriculture Institute of Canada and the B.C. Institute was **Thomas A. Leach, BSA'31**, for his 50 years membership in the organizations. Leach has spent many years writing and broadcasting on farming programs, and inaugurated the television program Country Calendar. He has also been appointed to the Agricultural Senate Club of B.C....The University of Oregon has honored mathematics professor **Ivan Niven, BA'34, MA'36, PhD (Chicago)** with the 1981 Charles E. Johnson Memorial award, in recognition of his exemplary qualities as teacher, scholar and academic citizen. Niven has served eight terms on the Faculty Advisory Council, was marshal for the university's



Ivan Niven

centennial celebration in 1976, and has been elected many times to the university senate. He is a member of the Mathematical Society of America's board of governors. Niven is author or co-author of more than 60 professional or scholarly articles and author of six books, three of which have been translated into 10 foreign languages....The first person to appear on Canadian television was well-known weatherman **Percy P. Saltzman, BA'34**. On Sept. 8, 1952, he followed a performance by two puppets to talk about (what else?) the subject that brought him fame — the weather. It was CBC's debut broadcast. He retired from television after a stint with CTV's Canada A.M. but is now back in front of the Global network cameras, chalk in



Percy P. Saltzman

hand....An exhibition of the work of Vancouver artist **Helen Griffin, BA'38, MA'68**, was held this spring in Peking at the China Art Gallery. Griffin says that when she has a show in the west, her art is said to be very oriental; when her show is in the Orient, she is said to be very western. She does brush and ink flower paintings and landscapes in the Chinese style....Always in the news is **MLA Jack Davis, BASc'39, BA MA (Oxon) PhD (McGill)**, recently appointed head of a government task force to oversee rapid transit system in the Lower Mainland. The committee will supervise the light rapid transit system from the design stage to implementation of revenue service.

40s

The publisher of the Medicine Hat News is former *Ubyssy* editor **Andrew Snaddon, BA'43**. He has been editor of the *Edmonton Journal* since 1967. Known as a spokesman for the western viewpoint, Snaddon has written extensively for national magazines and broadcasted for CBC and private radio....A teaching career in Coquitlam ended in June for **Robert McBay, BA'45, BED'51**, who retired as principal of Porter St. Elementary. He introduced the district's first remedial reading program for secondary students and served for 18 years with a Y youth



William Kirby

What Bill Kirby's life is all about this summer is, in a word, renovations. At his Ottawa home, the director of the Canada Council Art Bank is supervising floor tiling and cupboard construction. At work, it's the wall paint and picture hanging which will turn part of the bank's warehouse location into a public art gallery and resource centre. Yet while Kirby admits that the temporary confusion of it all is a nuisance, at the Art Bank, at least, it is tangible evidence that the recently-appointed director is serious when he vows to get the little-known institution and the public together.

"The Art Bank is an important part of the Canada Council and the Canadian art scene. But not enough information about the bank's activities is available to the public. Opening up our Ottawa headquarters as a public gallery and providing guided tours to the collection is a step toward changing that," says Kirby.

The Art Bank, now in its ninth year, owns some 10,000 Canadian art works — paintings, sculptures, drawings, prints and water colors. It rents them out to federal and provincial governments, crown corporations and non-profit institutions like hospitals at a percentage of their purchase price (roughly, 12 percent for a two-year period). The rental revenue — \$400,000 this year — is used to make further purchases (thereby assisting Canadian artists). As well the Art Bank lends out works for exhibits and special projects to museums and galleries around the world. A David Gilhooly painting, for example, was recently loaned to the Whitney Museum, in New York. Rental exhibitions for old and new clients are held across the country; this year, in Robson Centre, Vancouver, Winnipeg, Calgary, Saskatoon.

"The next step will be to get our collection computerized so that when someone requests a list of artists from British Columbia or wants to know how many works by Jack Bush are in the Art Bank, we can get that information out fast."

Kirby, 39, clearly facing the challenge of buffing up the Art Bank's image with enthusiasm, despite budget restraints, comes to the job well-prepared. He first graduated from UBC with a bachelor of arts in 1966, studying under fine arts professors B.C. Binning, George Rosenberg, and Ian McNairn, and dividing his time between Brock

Hall coffee breaks, Sedgewick, and the Buchanan and Lasserre buildings. "In those days, I spent my time at gallery openings or singing," recalls the former member of the Choral Society and Mussoc. "I lived in one of those places off campus where you got room, board and laundry for \$85 a month."

Kirby left UBC in 1965 but confusion over his credits — too many fine arts courses, not enough mathematics — delayed his degree and when he received it in the mail almost a year later, he was already working at the Edmonton Art Gallery, first as art education supervisor, then as the assistant to the director. By 1967, he was the director himself.

Four years later, Kirby returned to his studies and Vancouver, living with his wife in a 1912 apartment at Thurlow and Davie ("walking distance to the art galleries"). While Elizabeth Kirby took her masters in regional planning, Bill did his in Canadian art history. "I became more serious as a graduate student. If we had some free time, we went to gallery openings. We got to know a lot of artists."

Those masters' degrees in 1973 sent the Kirbys off to Winnipeg where Bill divided his time between university teaching and curatorial duties. He became curator of contemporary art at the Winnipeg Art Gallery, leaving in 1978 "only days after I'd finished renovating my house" to join the Canada Council in Ottawa as head of the program of assistance to galleries and artist-run spaces.

Yet while the jobs and cities have changed for Bill Kirby, how he spends his spare time hasn't.

"Fortunately for me, my vocation is also my avocation," grins Kirby. "When we go on holiday, we visit artists. When they come to Ottawa, we get together. What do I collect? Mostly paintings by friends whose work I respect — Ian Baxter, Michael DeCourcy, Max Dean ..."

The Kirby children — Andrea, 3 and Michael, 7 — join in, too. Michael, adopted at 12 days old, attended his first gallery opening two days later.

Since both children are Metis by birth, all the Kirbys make regular visits to Ottawa's Museum of Man where the Indian cultural displays and more recently, childrens' Inuit and Indian workshops are popular attractions. Ottawa is a great city for families, adds Kirby, noting that besides museums and galleries one can bicycle for five miles along the Parkway or Rideau Canal without crossing a street, and skate outdoors on Dow's Lake in the heart of the city.

As for friends, well, UBC colleagues like Jean Blodgett, MA'74, are practically neighbors. "And many of my former classmates are in good positions in the art field right across Canada, so I keep in touch."

"The Art Bank has almost as many clients outside Ottawa as within," adds Kirby, getting back to work, "and I expect to be travelling across the country a good deal for the juries which select the art work we buy."

— Joan Godsell Ablett, BA'65



Pamela Hawthorn

It was a broiling hot summer day in Vancouver, the kind locals dream about but seldom experience. While the multitudes flocked to the beach or went to buy beer — where was Pamela Hawthorn?

The catalyst of west coast theatre was (where else?) at Vancouver's Waterfront Theatre, paint brush in hand, sprucing up the lobby with a coat of pastel pink.

It is a beautiful warm color to greet theatre patrons in the dank fall and winter evenings, but in this heat? We grabbed a lemonade from nearby Granville Market and talked.

Pamela Hawthorn, BA'61, MFA (Yale) is managing director of Vancouver's New Play Centre, a creative hothouse for aspiring and established playwrights. But to Canadian and B.C. theatre, she is so much more. Without Hawthorn to serve as mid-wife to new Canadian plays, most of them would be still-born. For what is theatre without a play?

An average of 150 scripts come into the centre every year, some from well-established authors, from from writers who are just beginning and are completely unknown. The centre provides a reading service, a professional critique to any B.C. resident who submits a script. About 30 to 35 of these plays go through a workshop process: somewhere from 12 to 30 hours is spent working on the play with actors, director, and the playwright participating. The workshop, Hawthorn says, is to "develop the script, hopefully to a producible level. It's an educational process for the writer." In fact, the process is *only* for the writer. This is what the New Play Centre does so well — working with writers, developing the plays.

Started 11 years ago by Doug Bankson, head of UBC's creative writing department, and UBC librarian Sheila Neville, the centre has been managed by Hawthorn for the past nine years. She began in a cold-water loft on Fourth Avenue, where she literally worked out of the bottom drawer in her bedroom bureau. On winter days actors and playwrights could be seen in rehearsal wrapped up in coats and scarves, huddled near a small heater. Two years ago the New Play Centre — now a thriving theatre company — moved to its present quarters on Granville Island to share space with West Coast Actors and

the Carousel Theatre. Looking around at the bare gyproc walls and a few mismatched chairs, she said "it's palatial, it is at least heated!"

So the hothouse role continues. It was Bankson's notion that new plays don't just materialize out of the author's typewriter; they need working on in an active way. Thus the workshop process, which all plays produced at the centre must go through.

"We don't do anything at the New Play Centre without the co-operation and consent of the writers, that's what the organization exists for," she says. "Doug felt strongly there's no point in an organization of this nature unless the writer was present during whatever was happening on the play." That ethos restricts the centre's activities to B.C. writers, but not its influence. Writers, actors and directors have spread across Canada and the U.S.

"A lot of writers have developed from here. Two closely associated with us, Sheldon Rosen and Tom Cone, are now in New York. It looks like both of them are going to have Broadway shows in the fall of plays that we originally produced."

Though the centre has had its failures, its list of successes, and successful writers, is impressive. The company has done the premiere production of well over 40 plays, a mere handful of which were commissioned.

"I've always thought the company had a nurturing role," she says, speaking of it as a family, a group that works together. She has passed up chances to use the organization as a stepping stone and resisted temptation to open branch plants in the east. Her overwhelming commitment is to her own community. "We're kept more than busy just trying to deal with writers on the west coast."

On a "tiny, tiny budget of \$200,000," the centre produces two full-length plays a year, and about four one-act plays. The financial scrimp always hurts, there is never enough, but the struggle continues, although Hawthorn resents having to be politician as well as painter.

"I scrub the floors, I write the letters, I direct the plays," she says, noting somewhat ruefully that the trials and tribulations in theatre are far too awful for anybody who isn't at some level consumed by it."

The company would like to try a festival format of new Canadian plays. She also wants to do studio production of scripts not good enough to go into full production, but where the experience would be of value to the writers involved. Both ventures would be expensive, and at the moment, top priority goes to finishing the Waterfront Theatre, built for the incredibly small sum of \$127,000.

How does she feel when writers go elsewhere, especially if they enjoy success? She says, like a parent, you get upset when your child leaves, but you also know that's what you worked so hard for.

The theatre is most of all, a process — "a lively art, a varied existence, a never finished business.

"At least when you paint a wall you can say, there, it's done!"

— Anne MacLachlan

group. McBay was selected Citizen of the Year in 1972 by the local Chamber of Commerce in recognition of his community work. He also received a Centennial Medal in 1967 for similar service. A friend to several generations of children and families, he received a life membership in B.C.'s parent-teacher organization....

Retirement brought a new career and exciting travel and opportunities to Arthur T. Hill, MSA'47, PhD (Texas) and his wife Barbara. Until his retirement last December, Dr. Hill spent 20 years in the federal government Agassiz research centre, poultry branch. His research led to a posting as a poultry industry consultant in Peru, obtained through Canadian Executive Services Overseas. The organization provides air fare and petty cash, the company requesting assistance provides accommodation and living costs. *The Hills enjoyed the Peru project very much, returning to their Fraser Valley home only briefly before leaving for Hamburg, Germany, where Dr. Hill delivered a paper on poultry research....* A trustee of the Chilliwack School district for six years, Betty Brown Meagher, BA'47, has also represented the district for five years on the Fraser Valley College board. This is her third year in the board chair. She and her husband Tom, BA'50, LLB'51, moved to Chilliwack 10 years ago.... New headmaster at prestigious Rothesay Collegiate School in New Brunswick is Edward R. Larsen, BA'48, MA (Oxon). He is a former headmaster of B.C.'s Shawnigan Lake School and of Appleby College, Oakville, Ont. He has twice been president of the Canadian Headmasters' Assoc., and spent the past year teaching at an English boarding school.

Rothesay, a private boys' school, was established 103 years ago.... Madam Justice Patricia Proudfoot, BA'49, LLB'52, of B.C.'s supreme court, is the sole B.C. representative on a special federal committee to investigate child sexual abuse. The 11-member committee is to report within two years to federal health and justice ministers, on how laws can be improved to protect children and youths against sexual abuse and exploitation, including pornography.... Governments large and small should take note of the philosophy of school superintendent Allan G. Stables, BA'49, MEd'65, head of Greater Victoria's school district. Says Stables: "Nobody should stay in any kind of system too long. You run out of ideas and then there's time for fresh ideas or a different approach." When his five-year term ends, Stables says he'll leave and become an educational consultant.

50s

Richard H. Bazett, BSA'50, has retired after 20 years as regional manager of the Farm Credit Corp. He plans to continue living in Kelowna.... Vancouver teacher

UBC ALUMNI ASSOCIATION

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Reunions '81

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Sept. 19-20

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Oct. 3

Home Economics '61

Oct. 17

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Oct. 23

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Oct. 24

Applied Science

'46 & '51

Oct. 24

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Oct. 24

Medicine '71

Nov. 21

For information or tickets and reservations, contact the alumni office, 228-3313.



John P. Berdusco

Manfred Carl Schmid BA'51, BE'd'55, ME'd'66, is the 1981 winner of the highest honor bestowed by the B.C. Teachers' Federation. The author of basic texts for science in Grades 8 through 10, Schmid took the G. A. Fergusson Memorial award at the BCTF annual meeting. He also was a founder and first president of the science teachers' provincial organization...**William D. MacLeod**, BA'51, BE'd'58, ME'd (Wash) is now dean of vocational and trades training at Okanagan College...**John A. Gray**, BCom'53, BSF'56, has completed a study of Newfoundland's forest industries for the Economic Council of Canada. He says the province's newsprint mills are relatively productive and the lower Canadian dollar is providing a strong competitive advantage for overseas markets. Gray is a professor of economics at the University of Manitoba...

Roland Bouwman, LLB'54, runs a duck farm in suburban Langley after taking early retirement from his post as a vice-president at B.C. Tel. The day starts at 5 a.m. as he or his wife Marilyn check some 300 ducks for eggs. He also does some legal aid work. Bouwman was one of three contenders for the leadership of the B.C. Liberals this spring, losing out to **Shirley McLoughlin**, BA'57. She became the first woman to head a Liberal party in Canada and the first to head a political party in B.C. An economist and business consultant, McLoughlin says you can't put a gender on a person's ability to win votes. She says the party will provide a "real alternative" in the next provincial election. The former president of an import company, McLoughlin says she will contest the next provincial election in Comox, where she lives...Corporate responsibility versus government control was the topic dealt with by **Robin J. Abercrombie**, BA'56, when he spoke to New Brunswick's capital region development commission in June. He's a director of a consortium seeking to build a natural gas transmission line through New Brunswick and into Nova Scotia. Abercrombie is also senior vice-president of the Alberta corporation, Nova and a director of several other firms...**John P. Berdusco**, BSP'57, BASc'62, MBA (Butler), has been named vice-president, administration, for Cardiac Pacemakers, Inc. of St. Paul, Minn. A subsidiary of Eli Lilly, CPI manufactures and markets pacemakers and ancillary devices...Recently appointed as B.C.'s director of the Bank of

Canada is **J. Ron Longstaffe**, BA'57, LLB'58. Together with Gov. Bouey and the other directors (2 each from Ontario and Quebec, one from each other province) they meet seven times a year to "thoroughly discuss monetary policy," Longstaffe says. Executive vice-president of Canadian Forest Products Ltd. in Vancouver, he was one of three non-government people to represent Canada at an economic mini-summit held in Ottawa, prior to the July economic summit meeting of western political leaders. Longstaffe says the mini-summit was to "obtain the views of non-government people on the agenda items." Canada's two other representatives were former federal finance minister Donald Macdonald and former CIDA president Paul Gerin-Lajoie...**Charlotte S. M. Girard**, BA'58, PhD (Bryn Mawr) is the author of the latest and thirteenth volume of *Canada in World Affairs*, the Canadian Institute of International Affairs series. The book covers the years 1963-65 and details the Canada-France-Quebec triangle. She is an associate professor of history at the University of Victoria...**Connie Gwen Landolt**, LLB'58, is legal counsel for the National Campaign Life and a founder of the Toronto Right to Life organization...A challenge every day and never a moment of boredom, is how **Nancy E. Morrison**, BA'58, LLB (Osgoode) describes her life as a judge of the provincial court for the last eight years. Morrison left the bench this year to return to private law practice, in part because she found judging a very solitary profession. She says she was also discouraged by the lack of opportunity for extended leave.

"Because of the isolation and because of the social restrictions and the awesome power of judicial office, I believe all judges should be able to get away from judging, every seven years or so." She advocates working sabbaticals and says she likely wouldn't have left the bench if there had been such opportunities. She was a member of the criminal division of the provincial court in North Vancouver...**Douglas L. Thompson**, BSP'58, is director of communications for the Canadian Pharmaceutical Assoc., in Ottawa...**Doug A. Corbishley**, BASc'59, has been appointed vice-president of manufacturing for the National Starch and Chemical Corp. Now living in Collingwood, Ont., with his wife Diane and three children, he is also active in community groups and has served two terms on the town council...You might say **James Kayll**, BSF'59, MSF (Duke), PhD (Aberdeen), gets fired up about his work. Director of Lakehead University's school of forestry, Kayll's research interests lie in forest fire ecology and its application to forest management. He is a former chair of the department of forest resources at UNB, where he was on the faculty for 12 years...Langara Community College lecturer **John F. Parker**, BA'59, MA (Wash) directed one of two productions at the Salmon Arm Summer Stock Youth Theatre company this summer. Parker, who directed the Victorian melodrama "The Drunkard", also

adjudicated a drama festival in Salmon Arm. He has directed some 67 plays.

60s

Agris Berzins, BASc'60, spoke to the B.C. Water and Waste Conference this spring on the problems of water supply to the central Fraser Valley. Berzins is a senior engineer with a West Vancouver consulting firm...**Lawrence O. Bunka**, BCom'60, MBA (Western) is vice-president, marketing and sales, of Imperial Securities Ltd. of Toronto...**Nancy Halsey**, BA'60, MSc'62, spoke on new perspectives in preventive medicine when she addressed the University Women's Club in Vernon this spring. Many deaths are caused by accidents and violence due to unhealthy lifestyles, Halsey told the meeting...**David J. DeBiao**, BASc'61, is the new manager of administrative services for Cominco's B.C. group, which includes the company's Trail and Kimberly operations...Looking for a hole in the fast food franchise business is **A. Colin Heuckendorff**, BASc'61, newly-appointed general manager of Country Style Donuts Ltd. The firm is a growing international franchise operation with outlets across North America and Puerto Rico...The past president of the United Church's B.C. Conference is the **Rev. Sidney W. Rowles**, BA'61, of Kelowna. Rowles remains on the church's B.C. executive, and continues his duties as Presbytery officer in the Kootenay-Kamloops district...**Barry M. Gough**, BE'd'62, MA (Montana) PhD (Kings College, London) is the author of an award-winning book, *Distant Dominion, Britain and the Northwest Coast of North America, 1579-1809*. The book received the John Lyman book award for the best 1980 book in Canadian Maritime History. Dr. Gough is professor of history at Wilfred Laurier University...**Constance McCalla**,



A. Donald Mowatt

BHE'62, is president for a second term of the Dunrobin, Ont., Women's Institute. She teaches cooking and sells microwave cookware...Radio and television's highest honor, a George Foster Peabody award, was won in 1981 by **A. Donald Mowatt**, BA'62, of CBC Radio in Vancouver. Mowatt won in



Wendy K. Dobson

the public service category with his production of "Peniel", a young woman minister's account of her battle with cancer. He and Rev. Regina Puckett collaborated on the feature; she interviewed medical staff, fellow patients and her mother, and while she underwent treatment and surgery, Mowatt interviewed her, and produced and edited the radio feature. Mowatt is the second Canadian to win what is described as the Pulitzer prize of the fifth estate. Since joining the CBC in 1964 he's directed more than 500 plays, including some award-winning ones. The citation for the award states that "Peniel is an experience that requires listeners to evaluate their own life expectancy with deep consideration for the power of religious faith."

The new regional director — South Okanagan, for Okanagan College is **James Gary Dickinson**, BEd'63, MA'66, DEd'68. An associate professor of adult education at UBC, he is a fellow and former principal of East Kootenay Community College...**Wendy K. Dobson**, BSN'63, PhD (Princeton) is executive director of the C. D. Howe Institute in Montreal, a centre for economic policy analysis. She is a former consultant to the UN on issues in population research and policy and has been with the Institute since 1979...**Stephen L. Dunik**, BSc'63, MSc (Toronto) is vice-president, research, development and engineering, of Delphax Systems of Toronto. The company is involved in word-processing and peripheral equipment for computers...For the last five years, **Frank M. Hamilton**, BEd'63, MEd'69, has been superintendent of schools in Terrace, B.C. A former principal in Prince George and Castlegar, he says he misses teaching, especially in the fifth, sixth and seventh grades, but enjoys the opportunities and challenges in Terrace...**Frederick J. T. (Terry) Harvey**, BEd'63, MEd'68, started his teaching career in the toughest square mile in Britain, the south-end docks area of Liverpool. He's spent the last 25 years at Steveston Senior Secondary, starting at the school when it opened as a junior high, and his classroom had no desks or chairs. The school recently held a Mr. Harvey week in his honor...**Terence Keefe**, BA'63, MEd'77, is superintendent of schools for the Kettle Valley district...**Raymond Chow**, BEd'64, has opened an artists' studio in Richmond with two other colleagues...**Gerald Cormick**,

BCom'64, PhD (Mich), is executive director of the Institute for Environmental Mediation in Seattle. He was one of the speakers at a government seminar in Penticton on the handling and disposal of hazardous wastes...**Robert H. Fairweather**, BA'64, has retired as principal of Leigh Elementary in Port Coquitlam. He plans to teach English in Japan for a year...**George Hermanson**, BA'64, (BD Chicago, DMin Claremont) was one of 67 to graduate in May from the School of Theology at Claremont, the oldest seminary in the Pacific southwest. Hermanson is currently UBC Anglican chaplain...**Alderman Ernie Novakowski**, BEd'64, of Richmond, has been appointed principal of a junior secondary school in the district. Novakowski says the appointment likely will end his eight years on council as "It's a big job and I feel I should put my full effort into it."...**Ronald J. Dinn**, BA'65, has switched careers from teaching to farming, and now runs about 60 animals on his 45-acre dairy farm in the Fraser Valley. The farm is strictly a family operation. Dinn also chairs the Fraser Valley Credit Union, the 12th largest in Canada...**Fisheries critic Donald A. Pepper**, BA'65 (PhD, Wales), now a BCIT instructor and economist, labels the federal fisheries department a failure. Testifying this spring at the Pearse (**Peter H. Pearse**, BSF'56, MA, PhD Edinburgh) fisheries inquiry in Vancouver, Pepper says he's met only five fisheries' officials in Ottawa with fishing experience. "There are bureaucrats who couldn't tell a salmon from a halibut," he comments. Among other recommendations, he suggested fisheries research stations be turned over to the universities...New technical services head of Fraser Valley regional library headquarters is **James C. S. Scott**, BSc'65, PhD'73. He was formerly with Northern Lights College in Dawson Creek.

President of the 220,000-member Canadian Teachers' Federation is **Patrick T. Brady**, BEd'66, of Prince George. Brady has taught everything from cooking and typing, to history and economics and every grade except kindergarten and the first. He heads the national federation for one year...**Margaret Catley-Carlson**, BA'66, became a senior UNICEF official in September with her new posting as deputy executive director (operations) of the UN Children's Fund. Formerly assistant under-secretary in external affairs, she has held several senior posts with CIDA, the Canadian International Development Agency...**R. Allan Gould**, BCom'66, LLB'67, is general manager of the Liquor Control and Licencing branch for the provincial government in Victoria...Winner of a prestigious Guggenheim Fellowship is **Colbert I. Nepaulsingh**, BA'66, MA'67, PhD (Toronto), who won the award to continue his study of literary composition in medieval Spain. He is an assistant professor of Hispanic and Italian studies at the State University of New York, Albany. Dr. Nepaulsingh also won the

university's 1981 chancellor's award for excellence in teaching, in recognition by students and colleagues for outstanding teaching performance...Stopping for coffee on the way home from work led to a new career for teachers **Janice C. Kyle Cracknell**, BEd'67, and her husband Keith. They got to know the owners of their favorite stopping place, a family restaurant in a Langley shopping centre. When they decided to sell, the Cracknells formed their own company and became restaurant owners and operators...**Dallas Cristofoli**, BA'67, became principal of Mission Junior Secondary in September...A director of the Transpo '86 Corp., **A. Keith Mitchell**, BA'67, has been appointed general counsel for Cyprus Anvil Mining Corp. He is also partner in a Vancouver law firm



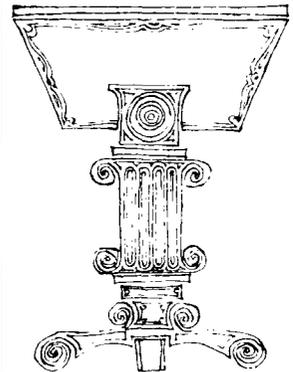
Colbert I. Nepaulsingh

and chairs the board of directors of the Emily Carr College of Art...**Walter Goerzen**, BSA'68, is marketing manager specializing in dairy and crops, with the East Chilliwack agricultural Co-op...**Judge Darrell D. Jones**, BA'68, LLB'53, of B.C.'s provincial court, has been elected president of the Canadian Red Cross society. He is the second British Columbian to become national head...**John V. R. Wark**, BCom'68, is vice-president, finance and administration, of Wilkinson Co. Ltd. Wark is also corporate secretary at the company's Vancouver headquarters...**Roger Gibbins**, BA'69, associate professor of political science at the University of Calgary, says the separatist movement in Western Canada is a victim of its own extremism. In the short term, it is dead, he says, but the long term prognosis is far from certain. Gibbins thinks separation could be vigorously resurrected if the federal government continues on its present course...**Robert Bruce Percevault** BPE'69, MEd (Montana) assumed the principal's job at Glendon school in Alberta's Lakeland district in September. He was formerly principal of a high school at Oyen, Alta...On College boards around the province... Vancouver homemaker and music teacher **Jean E. Mercer Hodgins**, BMus'63, MA'81, has been appointed to the board of B.C.'s newest college, Kwantlen, serving the four school districts south of the Fraser River. Vancouver Community College counts five UBC grads on its board. The newest is **Peter Hebb**, BCom'63, regional vice-president of Guaranty Trust and a former Vancouver school

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Michael Harcourt

Vancouver's city council and elected boards are chock full of UBC alumni, as might be expected... There's Mayor Michael Harcourt, BA'65, LLB'68, in the hot seat attempting to juggle B.C. Place, Transpo '86, transit, and a council sharply divided between left and right wing components... One grad sitting in the swing seat, and one of two politically middle-of-the-road aldermen, is May Brown, MPE'61, chairing finance and the task force on the city's major projects. Other senior aldermen are Harry Rankin, BA'49, LLB'50 and George Pail, BA'52, BEd'57. Newly elected last year was economist Bruce Yorke, BA'45.

On the school board and in the centre of the fight against the provincial education funding formula, which saw Vancouver taxpayers subsidizing school districts elsewhere in B.C., are several grads: Albert Thomas Alsbury, BEd'46, Kim Campbell Divinsky, BA'69 and now studying law, chair Pauline Weinstein, MED'69, trustee Gary Onstad, LLB'60, and Wes Knapp, BA'63.

Chairing Vancouver's Parks Board is engineer Russ Fraser, BASc'58. Allan Bennett, MBA'80 is a member of the board.

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trustee. Re-appointments for two year terms to VCC's board, ending Jan. 31, '83, include former social worker Virginia C. Giles, BA'63; homemaker Elizabeth R. Jarvis, BA'56; J.C. Melvin Scott, BA'47, BCom'47, manager of Yorkshire Insurance, Vancouver; and retired chemical engineer E. Barry Sleigh, BASc'44.

Squamish accountant Norris Martin, BCom'60, MBA'66, president of Bekins Moving and Storage/Canada, has been re-appointed for a two-year term to the board of Capilano College. Two-year appointments to Douglas College board concluded in March for retired school superintendent Stewart J. Graham, BA'37, of Burnaby and William R. Emerton, BCom'55, a partner in Touche Ross and Co. of New Westminster.

Delta resident Fred Gingell, BA'78, has been re-appointed to a two-year term at Douglas.

70s

Gary C. Yip, BCom'70, MBA'71, has been named director of real estate investment companies for Great-West Life Assurance Co. He will manage and direct the firm's property development companies.... The vice-president and controller of B.C.R.I.C. is Richard A. Commerford, MBA'71. He has been with the company since 1978.... William R. P. Dalton, BCom'71, has been appointed vice-president, finance and administration of Wardley Canada Ltd., a wholly-owned subsidiary of the Hongkong and Shanghai Banking Corp. He returned to Vancouver from Toronto to assume the post.... Kathy McNally, BEd'71, MED (Wash) has been named principal of the new Knight Rd. Elementary in the Mission School district. She was formerly a vice-principal in Vernon and also spent five years on the faculty at Simon Fraser University, teaching teachers.... C. John Goulding, PhD'72, has returned from New Zealand to a job as mensurationist, resource economics, with MacMillan Bloedel Ltd. in the Nanaimo region.... While other joggers run around Stanley Park instead of having lunch, computer consultant Peter F. Rowat, MSc'72, tackles something harder. He runs up and down the concrete stairs of Vancouver's highrise office buildings. Rowat is a keen mountaineer and he's just keeping in shape. "I can't practise by climbing mountains at lunchtime," he says, adding he's been to the top of most of the city's tall buildings this spring. Rowat plans to join 15 other B.C. mountaineers for an assault next summer on Mount Gongga, the highest peak in the Chinese Himalayas at 24,790 feet. Meanwhile, he did the Sheraton in eight minutes — all 43 floors and 500 feet in height.... Food science or archaeology, urban transit or forest eco-systems — it's all grist for the mill to Rosemary Carter, BA'73, MA'74, PhD'79. She's a freelance



Gary C. Yip

editor and writing consultant, based in Vancouver.... Information officer Graham L. Punnett, BA'73, MA (York) of the Okanagan's (water: Implementation Board was one of many speakers at the B.C. Water and Waste conference this spring. His topic was public participation in basic planning — the Okanagan experience. He has been with the board for four years, informing Okanagan valley residents on the implementation of the Canada-B.C. Okanagan water agreement.... Vancouver entrepreneur Susan J. Hopkins Stewart, BCom'74, MA'79, has formed her own art consulting firm, which specializes in guided tours of the city's public art galleries and architecture. Stewart says it's the first such tour in B.C. and possibly in Canada, and many residents are not familiar with Vancouver's world calibre collections. The firm also advises on collections and art market research.

John M. G. (Jack) Bryck BASc'75, MASC'77 is a design engineer with Dayton and Knight Ltd., a West Vancouver consulting firm.... Returning to Vancouver this summer after several years in Montreal was Rory R. McNeill, BSc'75, MBA (McGill). He has joined the staff at Woodwards, becoming project leader with the store's systems department.... Ian David Dube BSc'77, MSc'80 has been awarded the K. M. Hunter fellowship by the National Cancer Institute. He is working on a new way of growing cancer cells for research, which formerly were only obtainable from bone marrow, a very painful process for patients afflicted with chronic myeloid leukemia.... Malaspina College awarded its Governor General's medal this year to David R. Smith, BA'77, for his achievements in the college's business administration course.... Dale W. Anderson, BSc'78 has joined the provincial agriculture department in the Cariboo region as assistant district agriculturist.... New superintendent of schools for the Grand Forks area is Michael Linley, MED'78, who has 25 years of experience in the B.C. education system.... The 1981 Governor General's award for poetry went to Stephen Scobie, PhD'79, for his book, *McAlmon's Chinese Opera*. It details the life of an American author, Robert McAlmon, who went to Paris like so many other writers in the 1920s. He never enjoyed critical or commercial success, and so returned to North America in 1940 to sell medical undergarments for his brothers' surgical supply company. Scobie describes the documentary

poem as being "the most extraordinary experience of writing I've ever had. It was the closest to possessed as I could possibly get. Once I started I knew I had to follow McAlmon's life right to the end." McAlmon, he says, "had been a part of it all, but failed because he was a loser." Scobie, formerly with the University of Alberta, is now professor of Canadian literature at the University of Victoria.... Pianist David Swan, BMus'79, is to perform at Yorkton's Art Centre next Feb. 19. Swan, who received his degree when he was 19, has already given numerous concerts, including guest appearances with the Saskatoon symphony.... Capt. Terrence Totzke, BSW'79, MSW'80, is the social work officer for the Canadian Forces Base in Edmonton.

An item delayed (lost in the Chronicle's voluminous files): Three former B.C. Supreme Court law clerks David Rosenberg, (BA, Toronto), LLB'78, Paul Rosenberg, (BASc, Queen's), LLB'77 and Eric John (Jack) Woodward, BA'74, (LLB, Victoria) have a law firm in False Creek. A highlight of their first months in practice together was an appearance before the parliamentary committee studying the constitution on behalf of the Nuu-Chah-Nulth Tribal Council.

80s

Patricia Mahrt, BSP'80, is a pharmacist working in Chetwynd, B.C.... William Richardson, MLS'80, enjoys his work as children's librarian in Kelowna. This year he played the part of Schroeder in "You're a Good Man, Charlie Brown.".... David Speed, BRE'80, is Parksville's recreation co-ordinator.... David R. Williams, DEEd'80, is vice-president of student services at Kwantlen College. He was formerly the director of libraries at Douglas College, a post he held since 1970.

BIRTHS

J. Gary Dickinson, BEd'63, MA'66, DEd'68, a daughter, Kimberley Anne, July 27, 1980 in Vancouver.... Anna Mitchell Driscoll, BHE'68, a son, Daniel William, May 10, 1981 in North Vancouver.... David E. Esau, BASc'73 and Arlene M. Bird Esau, BHE'73, a daughter, Kristin Anne, May 19, 1981 in Vancouver.... Carolyn Gundrum, BEd'71, a son, Christopher Wayne Starkiewicz, March 6, 1981 in Kelowna.... Robert A. Paterson, BCom'68, MBA'69 and Jan Van Druten Paterson, BEd'70, a daughter, Stephanie Catherine Janet, April 1, 1981 in Burnaby.... Ian Slater, BA'72, MA'73, PhD'77 and Marian Johnston Slater, BSc'67, a daughter, Serena Dawn, April 15, 1981 in Vancouver.

WEDDINGS

Alan J. Short, LLB'77 to **Elizabeth Gilliam Darling**, MA'79, January 27, 1981 in Calcutta, West Bengal, India... **John Leonard Starkey**, BA'79, to **Karen Anne Baumann**, BSc'80, July 27, 1981 in Vancouver.

DEATHS

Jacob Biely, BSA'26, MSA'30, DSc'70, May 1981 in Vancouver. An internationally known poultry scientist, Prof. Biely's association with UBC spanned almost 50 years. Born in Russia, he came to Canada at the outbreak of the Revolution. He worked for the National Research Council before joining UBC as an instructor in poultry science in 1935. He was appointed professor in 1950 and named head of the department in 1952. He was awarded numerous honors during his career, culminating in the honorary doctor of science from UBC, two years after his retirement from teaching. Survived by his wife, two brothers, two sons and two daughters.

G. Harry Cannon, BA'48, BEd'58, MSc'54, June, 1981. Prof. Cannon taught mathematics and science in Vancouver elementary and secondary schools, before joining the UBC faculty of education in 1959. He was active in a number of professional organizations, a member of the Burnaby Parks Board, and was a leader in organizing track and field and rugby clubs in the Vancouver area. Survived by his wife, a daughter, two sons, two brothers and two sisters.

Lorne Roy Cope, BA'70, in 1981 in Vancouver. He was principal of two elementary schools in the Squamish area. He headed Britannia Mines elementary from Sept. 1959 until it closed the following year. He then transferred to Britannia Beach elementary. He served with the department of national defence schools in Germany from 1962-1966, returning to the Howe Sound school district. He became principal at Britannia in 1967, leaving the post in December, 1980 due to ill health.

John F.K. English, BA'22, MA'33, LLD'62, April 10, 1981, in Victoria. An inspector of schools for Greater Victoria, Dr. English became B.C.'s deputy minister of education. He was the last chairman of the B.C. Public Utilities Commission, which was disbanded in 1973. He promoted the music education program in the school system, and in 1949 spearheaded the establishment of the Greater Victoria Music Festival. He was a past president of the Victoria Symphony Society, and was active on its board for many years. He was also president of the Junior Red Cross for 16 years, a member of the senate of the University of Victoria and of UBC, and at the time of his death, a director of the Community Arts Council of Greater Victoria. Survived by his wife, Ada Langdale

English, BA'24, two sons and four grandchildren.

G. Brodie Gillies, BA'36, BHSc'36, April, 1981 in Larose, Louisiana. A resident of Braeside, Ont., since 1937, he joined the lumber firm of Gillies Bros. in that year. From 1946-55 he was responsible for the operation of the Braeside and Temagami lumber mills. The company was sold to Consolidated-Bathurst in 1965, when he went into business for himself as a consultant. He was a member of Arnprior's high school board and the Braeside Public school board. Survived by his wife Jayne Nimmons Gillies, BA'36, a son and a daughter.

Frederick W. House, BA'41, May, 1981 in Vancouver. Survived by his wife and a son.

David Gary Levang, BASc'67, May, 1981 in Vancouver harbor. In early 1980, Levang joined Epec Consulting Western Ltd. as a senior engineer, for whom he worked until the time of his death, caused by a yacht explosion. Previously, he was the regional health engineer for the East and West Kootenays and had worked for the pollution control branch. He had presented numerous papers on water quality to the B.C. Water and Waste Association. He was past chairman of the East Kootenay branch of the Association of Professional Engineers. He did volunteer work for the Arthritis and Cancer Societies and United Appeal. Survived by his wife, a daughter and a son, his parents and three sisters.

James Brock Ostrom, BPE'60, June, 1981 in Vancouver. Survived by his wife, two daughters and two sons, his parents, and a sister.

Archibald Peebles, BASc'29, BA'34, MSc (Iowa) June, 1981 in Vancouver. Prof. Peebles was a member of UBC's department of civil engineering from 1931 until his retirement in 1970. Survived by his wife Marjorie, BA'54, and a sister.

Vaughan G. Pritchard, BA'41, March, 1981 in Victoria.

M. Patricia Kerr Ramsey, BA'34, March, 1981 in Agana, Guam. She was editor of *The Totem* in 1933. She practised law in Vancouver, California and for the last 26 years in Guam for the U.S. Navy. Survived by two daughters and two sisters.

Roy Bishop Stibbs, BA'37, April, 1981, in Vancouver. A prominent educator who had an elementary school named after him in Coquitlam, he was a past president of the B.C. Teachers' Federation; inspector of schools in Prince George; and superintendent of schools in the Coquitlam district from 1955-67. In 1967, he became chief inspector of schools for B.C. He was an alderman in Coquitlam from 1970-75, when he authored two major reports for the B.C. School Trustees Association on reorganization of school districts. Appointed to the education faculty at the University of Victoria in 1973, he also served as provincial conciliator on salary negotiations with various school boards. Survived by his wife and four sons.

Ernest Gordon Taylor, BA'50, BEd'58, October 30, 1980 in Victoria. Survived by his wife.

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Letters

A Media Message

My students, most of whom have learned to endure stoically my cries of anguish when 'media' is used as a singular noun, were greatly amused at Lorne Henry's letter (Spring '81) chastising me for that very sin. Needless to say, they didn't notice it when they read the article themselves.

So grave an error clearly called for a post mortem, so I went back to the original draft. The error is not there. Yet, I cannot blame it on the Chronicle's typographers, for it appears in the final draft I submitted to the editor. Clearly my typist is at fault. The typist, however, was myself, proving perhaps that an author who is his own typist should proofread more carefully. (To say nothing of editors editing — Ed.)

The whole episode reminds me of my years on the *Ubyssy* editorial board. Hardly a day went by during my first year without some horrendous error to sink our hearts. Things got better, however, as we carried on Kerry White's work of bringing the paper back to a level of respect — not of course respectability — which attracted talented people to work for it.

The letters which followed Clive Cocking's excellent first cut at an anecdotal history of the "vilest rag" were of great interest. I'm sorry there weren't more.

In particular, I was delighted that Al Forrest set the record straight on the infamous "goon edition" episode and that Kerry White took the credit for recruiting me. While he didn't bring me in, he did induce me to stay. Upon receiving the copy from my first assignment, he shouted: "At last, somebody who can write. Put this on page one." Whether or not it was really any good, I don't know, but I was hooked.

This was the genesis of my cardinal rule for student newspapers: the door must be open to all talented recruits and they must be given enough ego satisfaction to stay. When a paper becomes the plaything of a small clique it soon runs down and is rarely worth reading.

Kerry put us on the right track, but it took the talents of such diverse people as Roger McAfee, Denis Stanley, Keith Bradbury, Bob Hendrickson, Mike Hunter, Ann McAfee, Maureen Covell, Robert McDonald, Don Hume, Byron Hender, and others who came later such as Michael Valpy, Richard Simeon, Dave Ablett, Mike Horsey, Ron Riter and Trina Janitch McQueen to create the *Ubyssy* of the 1960s. It was a large and talented group; many more names could be added to this list. I was fortunate to be there. They were exciting times.

As for "media" — all I can say is *media culpa*. (Take that, Mike Hunter).

Fred Fletcher, BA'63
Toronto, Ontario

(Fletcher was author of an article on media in Canada in the Autumn '80 issue.)

Memorabilia Anyone?

Last October I attended the rugby game between UBC and Queens University, Belfast and enjoyed it immensely. It was my first time in Thunderbird Stadium and I appreciate the rather special treatment I received.

I was shown the room with the team pictures and clippings and I promised to send any pictures or clippings that I might have. (A team picture and clippings were duly received.—Ed.)

I played rugby for the Frosh, UBC Varsity and later for Vancouver Rowing Club.

Donald Johnston, BA'43,
Coxheath, N.S.

The late Bert Smith, chairman of the Class of '25 is one of those who requested that his memorabilia of the class be passed along to the university archives. His gift now forms part of the university's collection.

For information contact Laurenda Daniels, university archivist, Main library, UBC, 228-5877. For items with a sporting past there's a special place. John Stark, BPE, '81, is working with the athletic department to create a UBC "hall of fame." Big Block sweaters, old trophies, photographs, team souvenirs will all have a place. Contact him at the UBC athletic office, 228-2531.

Quadra Questions

I am well into chapter three of my biography of D. Juan Francisco de la Bodega y Quadra Mollinedo, usually referred to as "Quadra," one of the great explorers of our coast. Assistance from libraries and archives in Mexico, Spain, and the U.S.A. has been generous and enthusiastic. Any suggestions or clues from fellow alumni would be most welcome. Captains Cook and Vancouver could not have done their work here without Spanish maps and charts generously and spontaneously donated by Bodega y Quadra and his captains. Quadra was a gentleman, an expert cartographer and a champion of Indian rights and deserves to be known better.

Yours for history,
Vincent Venables, BA'50
Box 137, Blind Bay
B.C. V0E 1H0

An Ode to Grammar

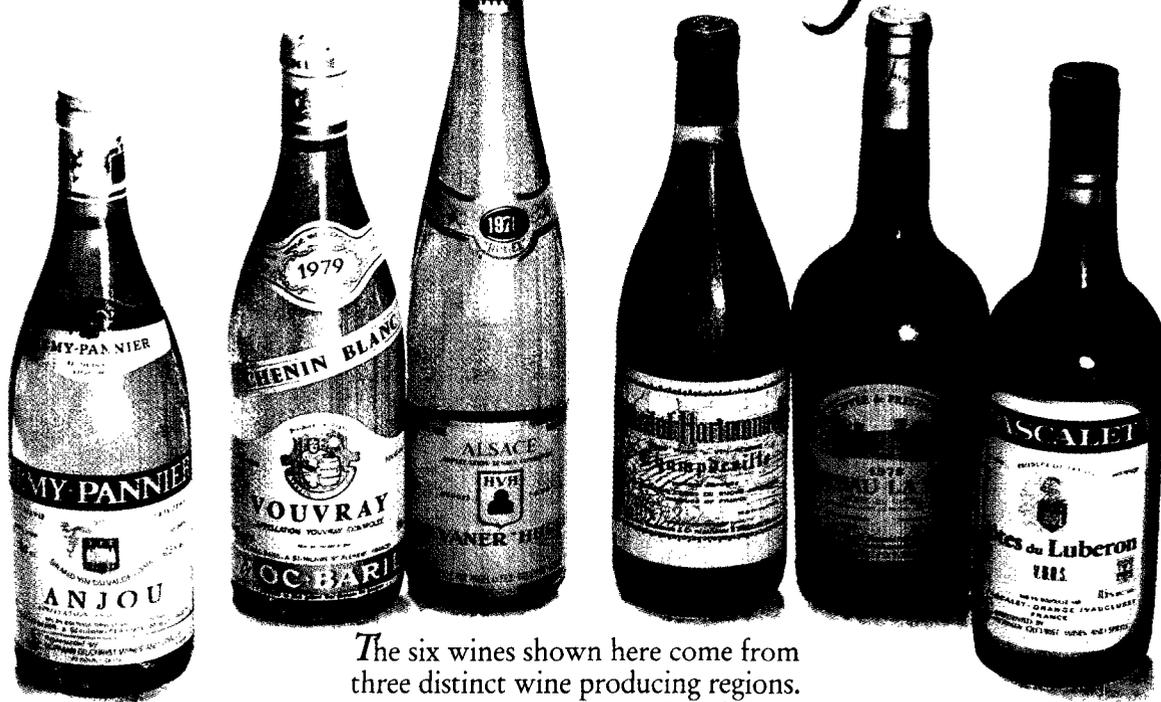
Re: "Letters", Spring 1981, Page 29.

*Methinks his
Protest
Is too
EXCESSIVE
And then
He makes
The '60s
POSSESSIVE!
(Oh Henry!)*

Yours in sympathy,

Derek J. Wing
Publications Officer and
Editor, *Guelph Alumnus*.

How to tour France without ever leaving home



The six wines shown here come from three distinct wine producing regions.

Two are from the Loire River Valley, famous for its full-flavoured, crisp and clean tasting white wines.

One is from Alsace, where wine labels carry the name of the grape. Alsace wines are fresh, light and lively, best drunk young.

Three are from the slopes of the Rhone River Valley—Côtes du Rhône wines—which are mostly red and full bodied, vigorous and deeply coloured.

REMY PANNIER ANJOU, A.C.

A medium dry white with a captivating depth of flavour and a charming fruitiness along with an outstanding bouquet. To be enjoyed with or without food. Serve chilled. 3121*

VOUVRAY CHENIN BLANC (MOC-BARIL), A.C.

Produced from Chenin Blanc grapes, this typical medium dry, still white wine is bottled in the heart of the magnificent Loire Valley by Moc-Baril, a fourth generation family winery. 3494*

SYLVANER HUGEL, A.C. ALSACE

Made from the Sylvaner grape grown in French Alsace. The wine is light and pleasant, good with luncheon. Sometimes refreshingly prickling. Should be drunk young and chilled. 3139*

CHAMPDEVILLE (HARTMANN), A.C. CÔTES DU RHÔNE

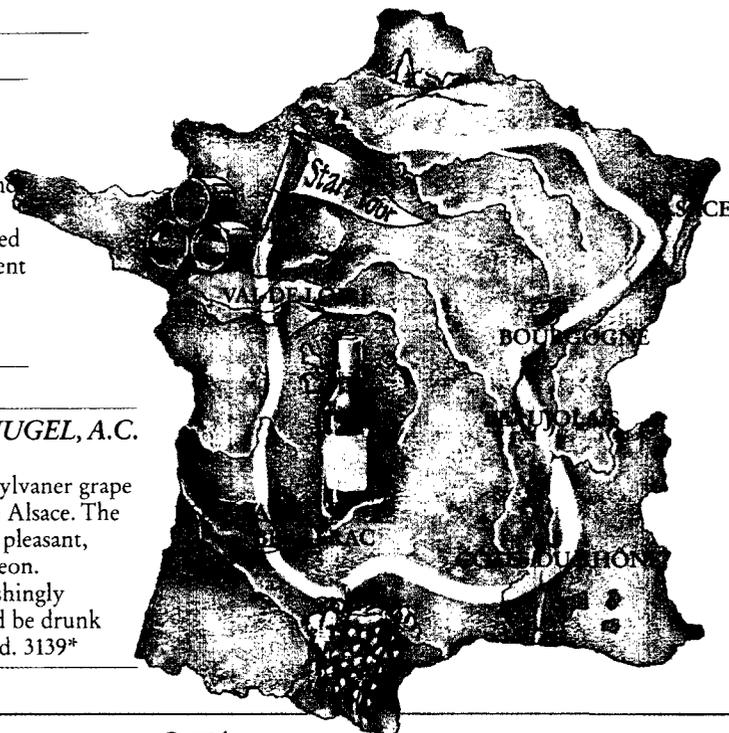
A big, strong, richly-flavoured wine with deep colour and heady bouquet. Will last well, and improve during its natural life period. Open well before serving and let stand at room temperature. Excellent with roasts, steaks, game and poultry, stews, casseroles and barbecues. 759*

CHATEAU LA BORIE, A.C. CÔTES DU RHÔNE

A robust red wine from Cotes du Rhone. Made to be consumed young, it is a round, sturdy wine known for years for its dependable quality. Appellation d'Origine Controlee, of course. 3567*

CÔTES du LUBERON (PASCALET), V.D.Q.S.

A light, round, red, typical of the south of France. Balanced and smooth, an outstanding wine for leisurely lunches and soirees. Connoisseurs in France serve it slightly chilled. 3441*



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peak power display. But what you can't see is the Linear A design which eliminates switching distortion for exceptional pure sound you will clearly hear. Combined with DC-Servo circuitry, the B-77 outperforms any other amplifier in its class.

Look at other audio systems and now examine the front of the T-77 Digital Quartz PLL Synthesizer tuner. It allows you to "program in" eight of your favorite AM or FM stations for instant pushbutton recall. In addition, an auto search feature scans either up or down the band until it locks on a good quality station.

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