

# Reports

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## New chancellor chosen



The University welcomes Dr. Leslie R. Peterson as UBC's thirteenth chancellor. Dr. Peterson was recently elected by a sizeable margin over chancellor candidate Stan Persky. He begins his three-year term June 25 of this year, replacing former chancellor Robert Wyman. UBC President Dr. David Strangway said he is "delighted to have a man of Dr. Peterson's experience and stature as Chancellor".

A Vancouver lawyer and former provincial cabinet minister, Dr. Peterson earned a LL.B from UBC in 1949, his LL.D. from SFU and a Ed.D. from Notre Dame University of Nelson. A founding member of Convocation for both Simon Fraser University and the University of Victoria, Dr. Peterson served as Minister of Education, Minister of Labour and Attorney-General during his sixteen years in politics. He is currently a member of UBC's Board of Governors and chairman of UBC's major donor club, the Wesbrook Society.

Also newly elected are 11 convocation senators who represent alumni at Senate meetings. They are: lawyer and former B.C. Liberal leader David Anderson, accountant Don Carter, research director Sandra Lindstrom, Vancouver Sun editorial writer Murray McMillan, social worker Mary Lett Plant, forestry consultant Bert Reid, investment dealer Mike Ryan, health care consultant Joanne Stan, high school principal Minoru Sugimoto, education consultant and former BCIT president Gordon Thom, and public relations consultant Nancy Woo.

## Science policy forum

Canada's national science policy will be discussed by Bruce Howe, chief science advisor, Ministry of State for Science and Technology, Ottawa at the first University Science Policy Forum being held April 9 at the UBC Graduate Student Centre.

"The forum will examine the important sources of influence on the nature and quality of research conducted at UBC," says Kenneth Craig, a UBC psychology professor and president of the UBC Chapter of Sigma Xi, the Scientific Research Society which is sponsoring the forum in co-operation with the President's Office.

"We are concerned scientists who are both troubled and interested in the impact of policy on research. Science policies are complex and not always understood, even by scientists. We hope the forum will allow scientists at UBC to participate in discussions that will influence science policy," says Dr. Craig.

Isabel Kelly, deputy minister, B.C. Ministry of Advanced Education and Job Training, will speak on provincial university policies. Other speakers will discuss policies and issues at the Federal Research Council and the National Science Federation, as well as provincial science policy.

To register for the University Science Policy Forum call Dr. Craig at 228-3948.

## Shamanism meeting

A major international conference on Shamanism will be held on the UBC campus in 1988, says Dr. Shotaro Iida of Religious Studies.

It has developed from a series of workshops which began here in November, when a sister university pact was established between Komazawa University in Japan and UBC.

The first workshop was conducted by Komazawa University's president, Dr. Tokutaro Sakurai, who was here as a visiting scholar under UBC's 1986-87 grant from the Nakasone Fund. Dr. Iida and Dr. Yunshik Chang of Anthropology and Sociology also participated.

A second, entitled Folk Healers for the Modern Masses, was held this month at the Asian Centre, and a third is scheduled to take place at Komazawa University later this year.

## Royalties fund award

Royalties from the Faculty Women's Club cookbook "Vancouver Entertains" will establish a Vancouver Centennial Scholarship at UBC. At an anniversary dinner last week, celebrating 70 years of FWC service on the university campus, club president Lari Hooley presented a cheque for \$11,000 to university Chancellor Robert Wyman to establish the new scholarship fund. The scholarship will be endowed by further book sales.

Publication of the cookbook was a centennial project of the FWC which assists the University in many ways: providing assistance to women students, arranging social events for students and faculty and giving thousands of hours of volunteer service. Founded in 1917, the club is open to wives of faculty members and women members of faculty.

## Open House - 'It was wonderful'



Grade seven students from Sechelt Elementary School were just one of many school groups who visited Open House.

We did it! More than 150,000 people of all ages made their way to the campus to take part in the three days of fun and festivities during UBC's Open House. The lineups for maps and a list of events began at 9 Friday morning at each of the information tents on campus. Student volunteers and staff were kept busy answering questions such as "What do I see?", "Where do I go?" and "What do you have for children?" By noon the campus was inundated with visitors—and they kept coming!

The Museum of Anthropology, TRIUMF and the Botanical Gardens, where staff attempted to keep a count of visitors, broke all records of attendance. The museum attracted 12,000 visitors in all three days. Rented buses ran regular tours to the outskirts of campus and TRIUMF Director Dr. Erich Vogt said about half of their 3,000 visitors arrived this way. Botanical Gardens gatekeeper Vicki Zellmer said the buses were "responsible for 99 percent of our visitors" and that number was more than 1,300. "We're hard to find and it's long walk," Ms. Zellmer said. "It would be fantastic to have the buses all year round." The crowds in the UBC Bookstore resembled the

September rush for textbooks. "It was wonderful," said director John Hedgecock, "my most used phrase over the three days was 'come back and see us again'."

Food Services was hard pressed to keep up with demand on sandwiches and menu items. "Ice cream was a big item," said business manager Shirley Louie "and we could have sold hundreds more cinnamon buns if we had had the capacity to bake them." As it was they sold 5,000, as well as 15,000 other snack items: muffins, cookies, nanaimo bars and the like. Staff started work in the bakeshop at 4 a.m. each day to ensure a continuous supply.

Thai food was a big hit at the Asian Centre which also offered Japanese and Chinese delicacies. "We ran out of food on all three days," said Asian studies instructor Mr. Hsu-Tu Chen. The Science faculty's salmon barbecue outside the bookstore also ran out each day, but still sold well over half a ton of salmon. "It was a rip-roaring success," said Zoology curator Bob Carveth; the department organized the event. Special guests such as Minister of Fisheries Tom Siddon and

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## Students gain expertise abroad

British Columbia students are getting valuable first-hand experience in the heady world of international trade and finance.

"Denmark's International Study Program offers undergraduates experience they wouldn't get anywhere else," says UBC's assistant dean of commerce Catherine Vertesi, who has been involved in the program the past three years.

"Commerce students experience the business climate in countries where free-trade is a fact of life. There are no barriers in the European Economic Community."

The students meet decision-makers in Scandinavia and the EEC as well as in Eastern Block countries. Mrs. Vertesi says this kind of experience is important in a world where nations are becoming more and more inter-dependent.

"Canada is increasingly recognizing the need to broaden the nation's trade base beyond the United States. We are now, for example, all aware of the Pacific Rim triangle. It is important for students to see that not every country does things the way Canada does. Seeing how things are done in Scandinavia and in Europe sensitizes students to this fact," she says.

The Denmark International School based in Copenhagen has one of Europe's largest study-abroad programs. Mrs. Vertesi says it is not "just a holiday abroad" but rather an academically-sound program with transferable credits. She would like to see more liberal arts, architecture and design students participating.

Trish Sloan, a 1986 UBC Commerce graduate who would like eventually to work in international business, spent a semester at the Denmark school last year and was the valedictorian.

"It gave me exposure to global economics. I was used to my nice western Canadian perspective. The program is current-affairs oriented. You are expected to have read the newspapers rather than rely only on theory," says Ms. Sloan.

In addition to a full course load, students get a closeup look at Scandinavian business, everything from a visit to such international enterprises as the Leggo toy operation to monitoring the Danish National Bank's foreign exchange.

A mandatory study of East-West relations precedes a trip to Eastern European countries. Ms. Sloan went to Hungary and Czechoslovakia where she met with diplomats, business leaders and economists.

Denmark's International Program has 300 students each semester, most from the United States. Of the 15 Canadians who attended with Ms. Sloan, seven were from B.C.

Third and Fourth year students who want more information about the program should contact Mrs. Vertesi, Faculty of Commerce and Business Administration, UBC at 224-8422. Cost of the program is approximately \$7,500 including air fare, tuition, room and board with a Danish family, and spending money.

# Poets considered more than decorative in Iraq



Dr. Ann Munton

Ann Munton is a lecturer in the Department of English. A graduate of UBC, she came back to campus two years ago from the University of Toronto where she taught and did her post-doctoral work. Dr. Munton's field of study is Canadian poetry.

I visited Iraq two months ago to attend the Seventh Annual Al Mirbad Poetry Festival, and since then the country has been in the news almost constantly. I don't draw any causal relationship between these events, but, of course, the media attention has intensified the impact of my experiences for me.

In addition to the six Canadians in our group, the conference was attended by over 700 poets and critics, primarily from Arab countries. A poetry conference of this sort in Canada would have drawn only a fraction of the number of participants, and the SSHRCC (Social Sciences and Humanities Research Council of Canada) and Canada Council funding combined would perhaps have paid for 20 poets and critics. A recent poetry reading at UBC attracted an audience of less than 30; major poetry readings at Toronto's Harbourfront attract perhaps 500; while in Baghdad thousands of people turn out to hear poetry read. This was a government-

sponsored conference and, as well as being a propaganda move, indicates the level of government support for the arts in Iraq, which in turn reflects the attitudes of the public. The ruling Arab Ba'ath Party was responding to the cultural traditions of their country, as well as trying to provide a favourable impression of their troubled nation.

Even before we landed in Iraq, I was made aware of the different position poets occupy in that country than in Canada. As the flight attendant announced enigmatically, "We're going down," I was handed a copy of *The Baghdad Observer*. On the front page, beside the obligatory picture of Saddam Hussein, was an article about meetings held between government officials of several Arab nations. Also in attendance and contributing was an Arab poet. His presence was seen to be more than decorative, more than a public relations ploy. He was there as a full participant. Can you imagine in this country Prime Minister Mulroney or Premier Vander Zalm inviting a poet to address an important strategy gathering, either to hear what they have to say or for public relations reasons? In Iraq artists are considered an asset, while in Canada cultural interests can be laid on the table in order to further trade negotiations with the U.S. And this underscores an important difference in our cultures. In Canada when poets make the news as often as not it's because they're being denounced in Parliament for wasting Canada Council grant money on "immoral" writings. In Iraq, they're heroes, rewarded with financial security and freedom to pursue their writing careers. Poets aren't necessarily being "bought off," as they can be and are critical as well as supportive of the regime, as was demonstrated by readings at the conference. What is significant, even if one wants to argue with my assumptions about literary freedom, is that undoubtedly poets have power in Arab culture. Just that it would be worth trying to "buy" a poet's favour is significant--that they have public relations value at all! Poets visit the front to provide support and encouragement, and the media coverage of the trips is seen as a tremendous morale-booster by the

populace. A major street in Baghdad, Abu Nuwas, is named after a famous poet, while one of the major monuments is to Shehrezad. The significance of poetry surrounds one.

Because we were attending the Al Mirbad Poetry Festival, we were considered celebrities. The full proceedings of the conference were broadcast live on Iraqi National TV, and highlights were replayed nightly. We were constantly being interviewed for various newspapers and journals, academic and popular alike. One of our group was featured almost daily in the English language *Baghdad Observer*, as well as in Arabic publications. We became celebrities, recognized on the streets of Baghdad and greeted with joyous exclamations of "Al Mirbad! Al Mirbad!" This luckily opened many otherwise closed doors for us.

As it became clear that it might be dangerous for us to travel south to Basrah, despite the Iraqi desire to buoy up the spirits of the inhabitants of that beleaguered city with a visitation of poets, we were taken to the northern city of Mosul, which had never been so honoured. The reception was overwhelming. The train station was packed with children in Kurdish dress or flak uniforms. They strewed us with flower petals, shook our hands, handed us bouquets, asked for our autographs, and tried to kiss the women. The streets en route to our hotel were lined with men, women, and children cheering loudly and ululating eerily.

This is a far cry, literally, from the reception poets get in this country. And if the poet is not highly regarded in the West, then the universities need to help. Robertson Davies was correct in 1950 when, in his play *At My Heart's Core*, he berated Canada for its lack of support for the arts and for turning its national back on the Old World veneration of the bard. Unfortunately, when he includes educational attitudes in his criticism, Davies is still accurate today. "There is a period of struggle between poverty and affluence," he wrote, "during which men feel no need for what [the artist has] to offer them. And there is a sort of education which forgets that the mind needs

not only to be polished, but oiled." Here at UBC we need to be sure that we don't supply an education which attends to surface brilliance, while ignoring the deep workings of the mind. We need to provide a fully-balanced education which will foster a high regard for the arts as well as the technical disciplines. Both are necessary. The arts cannot be ignored, and the economics of jobs is not the only argument for teaching a subject. The university must promote the kind of education which will in turn foster a high regard for the arts and promote funding from the government and the private sector. The arts need to be made a priority at UBC. Iraq, a country beleaguered by war, with many inequalities still to redress, nevertheless manages to recognize the necessity of a literary education and the value of a poet's words. Canada, with all its advantages, needs to recapture this traditional valuation. We need to hear and appreciate the words of Earle Birney, who established the Creative Writing Department here at UBC: poetry can and "should speak to men and assist them to master their circumstances," he said. In Iraq they seem to understand and gather strength from this understanding. It should be so here in Canada and at UBC. If we listen, we might hear the poets speak the knowledge of this land. A divided country is possibly being written into wholeness by its poets, and we here should ensure that they are heard.

*Ed. Note: UBC is placing increasing emphasis on liberal arts programs, in response to the requests of potential employers. See UBC Community Report, March 1987, page 4.*

*If You Ask Me features interviews with UBC faculty or staff on a controversial issue which relates to the university campus. Anyone interested in being interviewed, or who knows someone whose views would be of interest to the campus community, please contact The Editor, UBC Reports.*

## President lauds Throne speech focus

At the opening of the provincial legislature on March 9, Lieutenant-Governor Robert G. Rogers delivered a Throne speech that President Strangway describes as "most encouraging" for post-secondary education.

"We were especially pleased to see that the government has promised to give educational institutions both the tools to do their job, and also the funding."

The following key points were made in the Throne speech with regard to post-secondary education:

Education is the bedrock on which we must build our new economy.

Our advanced education system will play a hands-on role in economic development.

Post-secondary funding will be increased to ensure colleges and universities are a full

partner in the process.

The new economy will demand new skills and new education programs for people in B.C.; our educational institutions will be given the tools to do the job.

Emphasis will be placed on programs that strengthen our growing relationship with Pacific Rim nations.

All British Columbians should be extremely proud of the individuals who head our universities and colleges.

With the help and co-operation of these educational leaders, the government will establish a Premier's Science and Research Council with representatives from our advanced educational institutions, business and government.

During this fiscal year, the government will co-ordinate a phased and full transfer of responsibility for its science and technology component to the post-secondary education community through the Ministry of Advanced Education and Job Training.

The government will present a science and technology strategy to bring together the universities, the private sector and governments as partners.

A fund will be set up to make B.C. a world leader in forestry research and to encourage the development of new technologies to make our industry even more productive.

On March 2, Premier Vander Zalm spent a day at UBC, lunching with President Strangway and long-time UBC supporter Dr. Walter Koerner.



B.C. Premier Bill Vander Zalm and UBC president Dr. David Strangway

## LETTERS

You have inspired more people than you know with UBC Open House. The Community Report on UBC was excellent, I read it from cover to cover, the map was most useful, the faculty (I spoke to two professors about the exhibits, they were so friendly and informative) and the students were so keen and well behaved AND the weather was glorious. I enjoyed myself better than Expo. I never knew that I was interested in hydraulics but I could hardly tear myself away!

As a family we have 2 UBC graduates... Our 5-1/2 year old granddaughter went to Open House and loved it. She visited the Department of Forestry and came home with a tree seedling...

Thank you for giving me such a lovely time on campus.

I enclose a small cheque to go wherever you think fit.

Diana L. Johnston  
Vancouver

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I greatly appreciated receiving "Community Report - UBC" which was included with my Sun newspaper last weekend. We plan to come to the Open House and are able to plan some sort of itinerary for our tour of UBC from the Report.

The universities in British Columbia play a crucial role in the development of our province and its people. I was particularly impressed by the last paragraph of David Suzuki's article which encapsulates the broad benefits of a university education.

The report does an excellent job of informing the reader of some of the important research and interesting activities being carried out at UBC. Incidentally, I had not previously realized the variety of community services offered by UBC.

Robin H. Dawson  
North Vancouver

Letters are welcome and may be on any topic of interest to the university community. Please be brief, no more than 150 words, and send to The Editor, UBC Reports.

## BOG meeting on April 2

The next meeting of the Board of Governors will be held on April 2 at 2.30 p.m. Fifteen seats are available for the visitors' gallery, and tickets can be obtained from the President's Office at 228-2121, 24 hours in advance.

# Overflow crowds explore campus at mini Expo



Astronaut Bjarni Tryggvason and graduate student Jill Stocks explain space research to curious visitors



Korean dancers wait for their cue at the Asian Centre



Many people brought their families to campus

## President praises volunteers

"Thank you UBC for helping us to understand". Those words, the closing lines of the BCTV Friday night news coverage of UBC's Open House, were a strong positive message that the three day event successfully achieved its goal of bringing the University closer to the community, says UBC president Dr. David Strangway.

"The Open House weekend was one of the most heart warming, positive and optimistic experiences of my career," said Dr. Strangway. "All the hundreds of volunteers - students, staff, faculty and community people - who devoted thousands of hours to Open House deserve a vote of thanks. There is no doubt that the pride everyone took in showing off their areas played a very big part in the success of the event.

"I was especially impressed with the way in which faculty, staff and students worked together to make sure that we put on a first rate show, and one that the 150,000 visitors will remember for a long time. Many people

remarked to me that it was like a mini-Expo -- they had been well entertained but also learnt a lot -- and they understood much more about the University than they did before."

Highlights of the weekend included the kick-off Celebrity Alumni Concert and Auction, an informative forum on AIDS, a panel discussion on the role of the liberal arts in a high tech world, an indoor aquatic show, a simulated emergency room situation, and two performances of Peking Opera.

"I was especially delighted to see such a huge crowd turn out to hear the debate on the role of liberal arts in our high tech world," says Dr. Strangway. "The University is very aware of the need for an increasing closeness between these two areas of study, and evidently the interest in this is very strong. I find it most encouraging that so many people in British Columbia wanted to learn about the role of the universities in the future of the province."

### OPEN HOUSE continued from Page One

UBC President Dr. David Strangway delighted visitors by donning an apron and taking a turn at the grill. Food Science sold over 200 litres of mocha fudge Tripple Lite ice-cream, a commercial product developed by UBC scientists. "We ran out Friday and again early Sunday," said instructor Dr. David Kitts.

Physical plant managed to stay on top of the 20 tons of garbage produced. "It wasn't too bad," said Chuck Rooney, director of physical plant operations. "Keeping the litter bins empty was our main problem." Traffic and Security reported no problems of a serious nature over the weekend. "We turned a blind eye to parking infractions," said Bob Atlee, Supervisor Patrol, who estimated there were 20,000 vehicles on campus at any one time, many parked illegally. "It would have been tough to navigate a Honda through some of those lanes," Mr. Atlee said.

On Saturday and Sunday, patrolmen diverted traffic at Gate One on University Boulevard, re-routing it to available parking on the campus outskirts. Despite several reports of lost children, all were re-united with their family or group and lost and found items amounted to two--a coat, and a wallet which was turned over to the RCMP.

Giveaway items were extremely popular judging by the number of people observed carrying free plants. The Forestry faculty distributed 8,500 free Douglas fir and lodgepole pine seedlings. "On Sunday we had five people working and we couldn't wrap the trees in plastic fast enough," said forestry professor Dr. Oscar Sziklai. "Now I'm getting calls from people asking me how to plant them!"

The Aquatic Centre staff allocated 500 blue balloons each day for children; they ran out within two and a half hours each day. A sign outside the Forward building advertising free coffee on the fifth floor attracted hundreds to the Mining and Mineral Process Engineering displays. "Even when the elevator broke on Sunday we always had people," said sessional instructor Rod Giles.

Some events attracted such overflow crowds that people were being turned away. Visitors jammed the aisles for Peking Opera performances and lineups for the Thai dancing went down the stairs into the basement of the Asian centre. Others stood on display tables to catch a glimpse of the Korean dancers. In the law building, the mock trial Goldilocks vs. Regina, performed by elementary school students, was filled to capacity despite a special added show to meet the demand. And, at the Chemistry building, visitors lined up an hour ahead of show time to get a seat for the chemistry magic show.

In Biological Sciences, children crowded around a touch tide pool where sea creatures could be picked up and handled, and many adults were drawn to marine biology displays by a sign which proclaimed "scallop swim on the hour every hour". The clear skies Saturday night brought almost 500 visitors to the observatory on top of the Geophysics and Astronomy building. "There was no way we could handle everyone," said curator Mr. David Vogt, "we normally get less than a hundred people."

According to theatre professor Ray Hall, about 7,000 people took backstage tours of

the Freddie Wood Theatre or watched a movie in the making at the Dorothy Somerset Theatre. Would-be medics had to wait their turn to try their hand at the emergency room simulation exercise in IRC, a computerized program where the computer operator must choose from a list of options to save a patient's life. And at the Aquatic Centre it was standing room only for the aquatic show while latecomers packed the centre lobby.

Despite the long waits for many events, a festive air prevailed. 330 chicken and quail eggs hatched in the Animal Science display, to the delight of many visitors. The Food Science department went through quantities of computer paper for the computerized food nutrition and safety quiz, another popular item. "People seemed very interested and asked a lot of questions," Dr. Kitts said, "I'm glad we had some answers for them."

Student volunteers--whether guides, tour drivers, or those involved with the Open House displays--received rave reviews from visitors, faculty and staff alike. "Even when the schedules got mixed up, the students really did their part," said engineering instructor Rod Giles. "I'm very proud of them."

Throughout the three days, the Community Relations Department distributed 100,000 Open House brochures outlining the daily events and an additional 30,000 copies of the campus map and brochures about UBC. "The numbers would have been higher but many people came to the campus armed with the Open House events listing which went out in the Community Report at the end of February," said Director Margaret Nevin.

The department also co-ordinated media coverage over the three days with the result that UBC's Open House was featured on all three major B.C. television stations, as well as on KVOS TV, and on most Vancouver radio stations and in Vancouver newspapers.

In addition, staff fielded well over 250 telephone calls a day from people asking for information. Frequent questions were "when is the next Open House?" and even "how many times a year does UBC have Open House?"

## Forestry to sell leftover trees

If you could use a hundred or so lodgepole pine or Douglas fir seedlings, the Forestry department has about 15,000 left over from the Open House weekend, and they would like to see them all go to a good home. "We have to sell them to recover part of our costs," says forestry professor Dr. Oscar Sziklai, "but they are going for a nominal amount--15 cents each for the pines and 20 cents for the firs." Dr. Sziklai would like to hear from anyone interested in buying the trees in bulk--sorry no orders taken for less than 100. He can be contacted at 228-3543.



## Celebrity Auction benefits

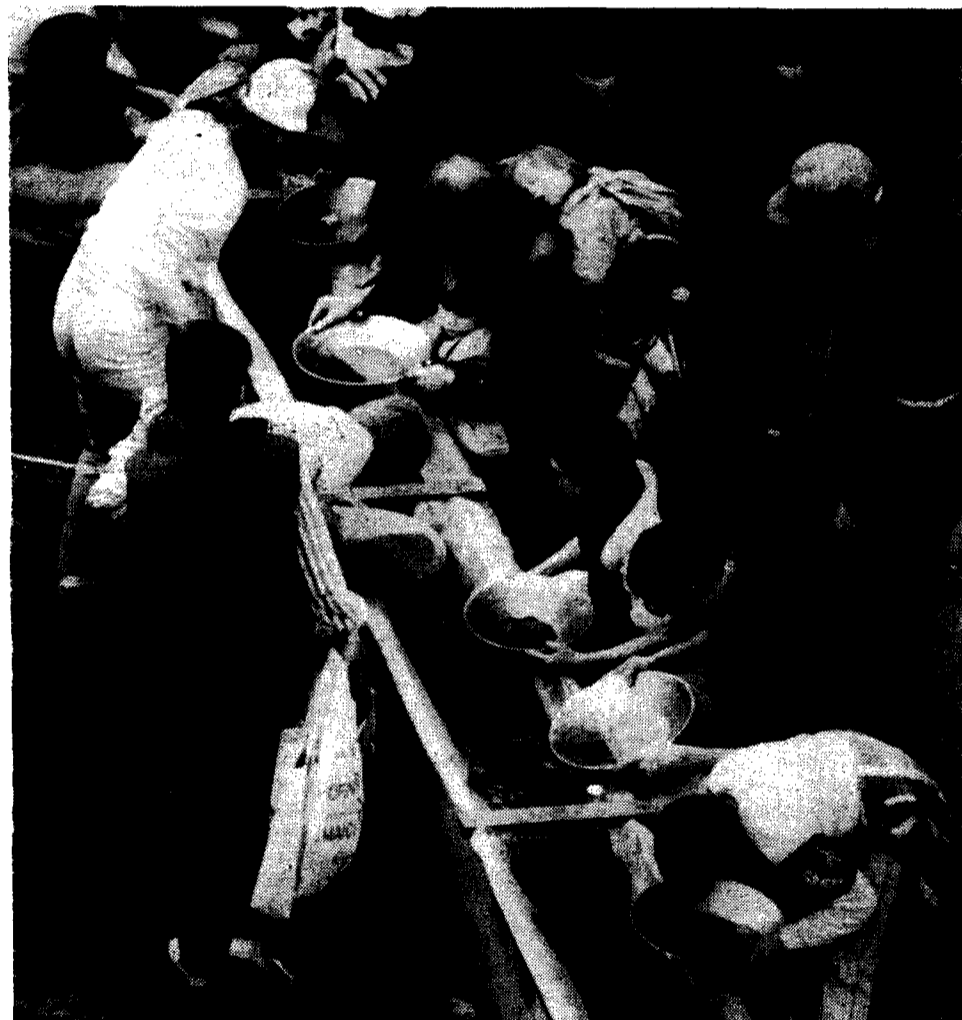
## Rick Hansen bursary



Nursing instructor Connie Canam demonstrates infant care at a display in IRC



Trying on costumes at the Freddie Wood Theatre



Hopeful prospectors try the sluice box outside the Geology building



Salmon display at the Science faculty's salmon barbecue

## Jack Webster 'humbled'

More than \$20,000 was raised March 5 by enthusiastic bidders at the Celebrity Alumni Concert and Auction held to establish the Rick Hansen Special Needs Bursary.

And the provincial government has pledged to match the amount, which came to \$23,100 bid on 26 items auctioned at a gala event that launched Open House 1987.

The evening concluded with the awarding of an "Ornerary Degree" D.O.C. with Honours in English as a Second Language to broadcaster Jack Webster, who in his acceptance speech said that he often found it difficult to feel humble. "But tonight I feel humble indeed," he told the boisterous crowd of more than 500.

The UBC wedding package brought in the largest single bid, at \$3,100. The next largest amount was \$2,500 paid for an evening with John Gray, closely followed by \$2,300 for two tickets to Shanghai via CP Air, and \$2,200 for an original framed watercolour by Sam Black.

The wedding package, valued at \$4,100, includes 200 printed invitations, the use of Cecil Green Park or the student graduate centre for five hours, flowers, reception food for up to 100 people, a cake, and one vocalist and one organist to perform for two hours at

either the wedding or the reception.

John Gray will perform a medley from his musicals at the home of the successful bidder, who paid five times more than the \$500 value the writer-composer placed upon "An Evening With John Gray."

Sam Black's "You Be Seagulls" brought in almost twice the \$1,200 he estimated it to be worth, and sketches he did on the spot were sold by masters of ceremonies Norman Young and Norm Watt for an additional \$200.

Among the other items sold at the Celebrity Auction were a Salish Bentwood Box donated by the Museum of Anthropology; half a day in the garden with David Tarrant, auctioned by Mayor Gordon Campbell; a badge with a letter authenticating that it has "flown in space," donated by Canadian astronaut Bjarni Tryggvason; 15 copies of books by Earle Birney, including some first editions; a Peruvian pyrite specimen on a specially designed plastic base, donated by the Geological Museum; dinner for six with President and Mrs. David Strangway and Rick Hansen and his guest; an original David Suzuki "Fish Print"; a personal opera tape donated by Judith Forst; and a piano lesson with Jon Kimura Parker.

## Arts-science forum jammed

An overflow crowd of more than 700 jammed the Student Union Building auditorium on Open House weekend to hear a panel of three deplore the separation at universities of the arts and the sciences.

David Suzuki, Mavor Moore and Earl Birney found little to disagree about during their discussion of the liberal arts in the 1990's.

The enthusiastic audience that filled the seats, the aisles and most of the stage obviously approved of the panel's position that people with a liberal arts education have never been more necessary to society than they are now.

They emphasized that courses in science and the arts are equally important.

"Science is the most important force that shapes our future," said Dr. Suzuki. "Yet we are a country run by people who are scientifically illiterate." Most politicians, lawyers and businessmen have a "rock bottom comprehension of science," he said; they are "ignorant savages who know nothing about the most important factors they will have to face."

He was equally critical of a system that permits students to graduate with a Bachelor of Science degree without ever having had a course in the history of science, or the philosophy of science, or literature. "They are Neanderthal people suddenly given guns and tanks," he said.

Mavor Moore, former Canada Council chairman whose career encompasses acting, directing, producing, writing and teaching, said

the separation of the arts and the sciences is artificial and is beginning to dissolve.

"What's happening today is that science is getting much closer to the uncertainty principle that generates art," he said. Science and art are linked by technology -- for example, nobody can study music or film today without also studying computers. It's "shocking" to attempt to divide them, he said.

"What needs attention on both sides is values: not knowledge, not information; but wisdom."

Poet Earl Birney said scientists are not really different from artists. "They're just pursuing different paths." But he added, "A lot of scientists assume that artists cannot reason -- that they simply feel. And the artist often says of the scientist, 'my, this guy has no emotions.'"

The panel also touched upon the role of the university. "I deplore the idea that the university is the place where you go to get a job," said Dr. Suzuki. "The reason we have universities is that they are repositories of ideas. They are (places where people can) dream ideas that are revolutionary and dangerous."

The panel was chaired by J. V. Clyne, former chancellor of UBC, justice of the B.C. Supreme Court and chairman of MacMillan Bloedel, who agreed with Dr. Suzuki. He said at the conclusion of the discussion that "the object of the university is to train the intellect, rather than train people for a job."



Outdoor food stalls offered snacks for hungry visitors

## Sex education called 'urgent' at Open House AIDS forum

Prevention was the operative word at the AIDS Forum presented at UBC's Open House March 7 by experts from the Faculty of Medicine. Free condoms were handed out to the more than 200 people who attended.

"We are five to 10 years away from a vaccine," said Dr. Peter Grantham, head of the Department of Family Practice, Faculty of Medicine, who stressed the importance of sex education saying that it "has been controversial for some time, but now it is more urgent."

Dr. Grantham said it was important to teach attitudes as well as impart knowledge. He said "the media are potent sex educators" but he said there should be "less hysteria" and more information about AIDS in the media. He stressed the importance of co-education saying it was important to ensure both sexes get the same message. He said too many people mistakenly believe they are immune from disease and that they can intuitively select a safe sexual partner.

Dr. Martin Schechter, of the Department of Health Care and Epidemiology, and the principal investigator of the largest AIDS study in Canada, stressed that there have been no "household contact cases" of AIDS. The virus is contracted by unprotected sexual contact, by sharing a needle with an infected person as in illicit drug use, by blood and blood products and by perinatal transmission. He said with behaviour changes the rate of new infections should be lower but unfortunately, "men under 30 are not changing their behaviour as much as those over 30."

Dr. Schechter said that, as of Feb. 23, there

were 917 reported cases of AIDS in Canada. He estimates there are between 50,000 and 100,000 people in Canada who carry the AIDS virus and most people do not experience any illness when first infected. Eighteen per cent of people infected with the virus developed AIDS within four years of entering the study.

"We are looking at the tip of an iceberg," he said, "because most infections are silent."

Dr. Schechter said there is a "new" AIDS virus on the horizon, a Type II virus which "appears genetically different from the first". A major problem is the genetic variation of the virus.

Dr. Karen Gelmon of the Department of Medicine and a leading investigator in the treatment of AIDS said "we don't have a treatment" for the disease. Among the many manifestations of AIDS, a rare type of pneumonia is one of the most common. Dr. Gelmon said there has been some success in treating the pneumonia with antibiotics but patients "can't often get rid of the first infection and antibiotics have to be continued for the life of the patient."

Dr. Gelmon said "there has been a new rash of anti-viral drugs but the first problem we have with a new drug is how do you know its effectiveness? In order to know what to believe, we must test each drug scientifically." She said it is important not to give in to hysteria.

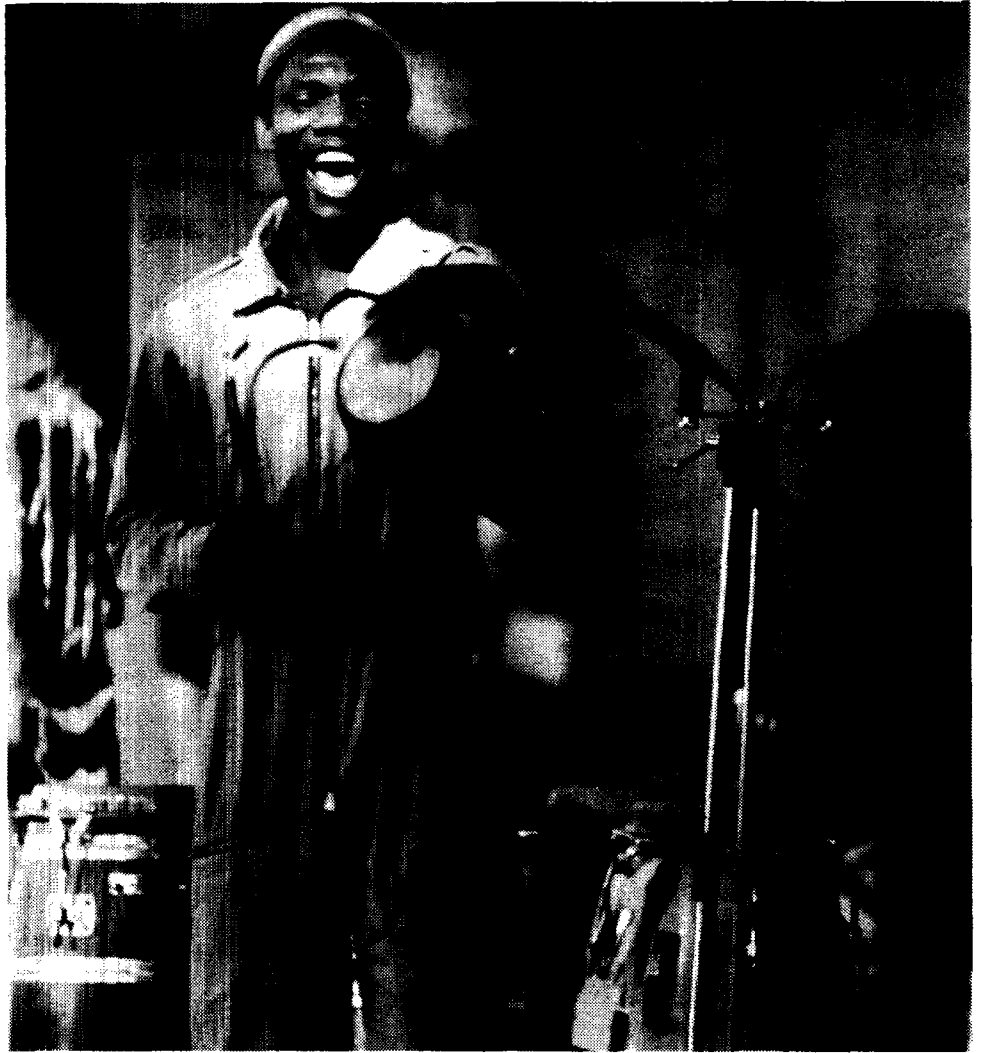
Moderator of the forum was Dr. Richard Mathias, Department of Health Care and Epidemiology, who drew a parallel between an earlier syphilis epidemic and the spread of AIDS. He emphasized that the condom is an effective and safe protection from sexual transmission of the disease.

## Garden growing

More than 200 volunteers picked up a spade or lent a hand at the Neville Scarfe Children's Garden during the three days of Open House and, thanks to their efforts, the first phase of the garden is almost complete. Heavy rains prior to the weekend delayed site preparation, but the many willing labourers, with the help of heavy machine operators from UBC's physical plant, installed three full-sized trees and accomplished much of the landscaping.

University President Dr. David Strangway planted the first shrub, a magnolia, and many other special guests took part in the work. Garden elements include a stream and pond, bridge, mural, vegetable patch and gatehouse. Located behind the Scarfe building, the garden is a tribute to the late Dean Emeritus Neville Scarfe; it will be an outdoor teaching lab for children and a retreat for the young-at-heart.

"The official opening ceremony is tentatively scheduled for April," said project coordinator Dr. Gary Pennington. "But there is still a lot of work to do—it's not too late for people to become involved." Dr. Pennington can be contacted at 228-6386.



The Asa and Ogedemge Drummers, one of many musical events at the Museum of Anthropology



Goldilocks in the prisoner's dock at the Law faculty's mock trial Goldilocks vs. Regina

## First in physics

Penticton Secondary School won three first prizes, including first over all, at the 10th annual Physics Olympics held during Open House weekend.

Teams from 56 B.C. high schools participated in seven events, with David Thompson Secondary School from Vancouver capturing second prize over all and Langley's Mountain Secondary School placing third.

The winning team from Penticton consisted of Byron Foster, Troy Watts, Heather Alarie, John Richards and Andrew Roger. They were led by physics teacher O. Strobel.

Dr. Janice Woodrow of the education faculty's Department of Mathematics and Science Education, who co-ordinated the Olympics, said that 29 different schools registered among the top six in at least one event.

In addition to placing first over all, Penticton also won the black box and triathlon events.

The paper airplane competition was won by Richmond Secondary School. Vancouver's David Thompson placed first in the yo-yo and optical maze events; Argyle Secondary School from North Vancouver was most successful in answering the Fermi questions; and Art Landymore from Richmond won the teachers' event.

## CBC-TV films Open House

Seven grade 12 students from Clinton, B.C. got a taste of university life -- and a taste of show business -- when they attended UBC's campus-wide Open House.

The students' visit was filmed by CBC television for a one-hour documentary on Open House to be aired this spring.

CBC producer Al Vitols worked with UBC's Community Relations Office to draw up an itinerary that would include a wide representation of university displays and activities for the show. More than 40 displays and activities were filmed during the three-day shoot, including the mock trial of Goldilocks presented by the law faculty, gold panning outside the Geological Sciences Building, the chemistry magic show, the Chinese lion dance, the Physics Olympics, the Arts forum and

much more. The crew also filmed the kick-off Celebrity Concert and Auction on March 5.

Exhibits in biochemistry, electrical engineering, psychology and dentistry were favorites with the grade 12 students, whose career plans changed with each new UBC exhibit. "This visit has been a real eye-opener for the students," said Clinton school counselor Ken Lendels, who accompanied the group. "It's exciting for them to discover all the areas of study and career options open to them."

At last count, the group included a potential doctor, politician, psychologist, animal scientist, engineer, artist and dentist. After three exhausting days in front of the camera, however, one career choice didn't seem as glamorous as before. Television production, the group decided, was pretty hard work.

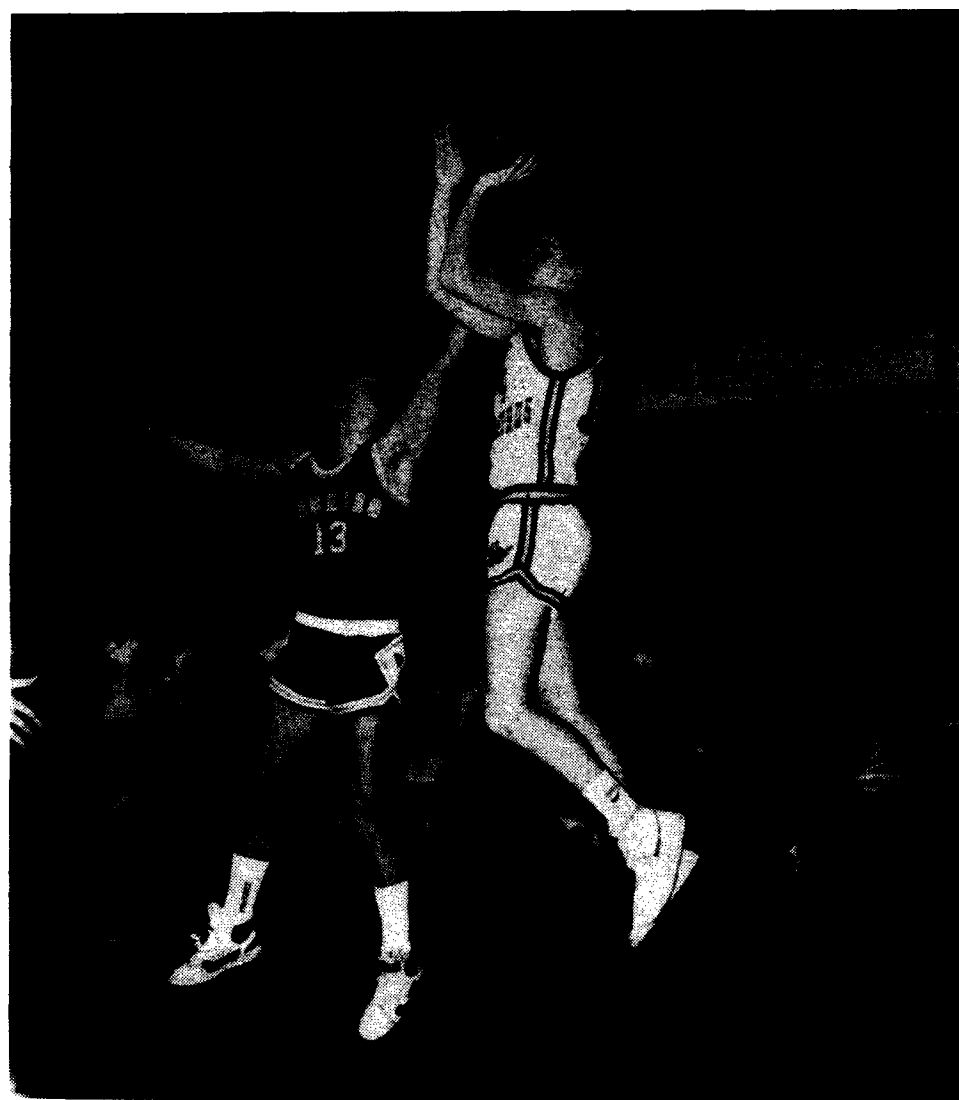
# UBC Schedule of tuition fees, 1987/88

Winter Session - Day + Eve	Program Load Cr Units	1986/87 Fee per Unit or Program	1987/88 Fee per Unit or Program	% Increase
<b>AGRICULTURAL SCI.</b>				
B.Sc. (Agric.)				
1st year	16.5	\$1,602	\$1,666	4.00
Upper years	17.5	1,716	1,785	4.02
<b>B.L.A.</b>				
1st year		1,602	1,666	4.00
Upper years		1,716	1,785	4.02
<b>APPLIED SCIENCE</b>				
Engineering	21.0	1,716	1,785	4.02
Architecture	18.0	1,716	1,785	4.02
Nursing - 1st yr	17.0	1,487	1,546	3.97
Upper years	18.5	1,590	1,654	4.03
<b>ARTS</b>				
Gen., Home Ec. & F. Arts	15.0	88	92	4.55
Diploma Programs	15.0	88	92	4.55
Library, Archival & Information Studies	15.0	1,382	1,437	3.98
Music	17.0	1,475	1,534	4.00
Social Work				
3rd & 4th yrs.	15.0	1,487	1,546	3.97
5th year	21.0	2,059	2,141	3.98
<b>COMMERCE &amp; BUS. ADMIN.</b>				
1st year	15.0	88	92	4.55
Upper years	18.9	88	92	4.55
<b>DENTISTRY</b>				
D.M.D.		2,288	2,380	4.02
Diploma Programs		2,800	2,704	4.00
Residents		166	173	4.22
<b>EDUCATION</b>				
General	15.0	88	92	4.55
Physical Education	16.5	88	92	4.55
<b>FORESTRY</b>				
	16.0	1,716	1,785	4.02
<b>LAW</b>				
	14.0	1,773	1,844	4.00
<b>MEDICINE</b>				
M.D.		2,288	2,380	4.02
Rehab. Med.	18.0-27.0	1,602	1,666	4.00
Medical Lab. Sci.	16.5	1,773	1,844	4.00
Residents & Interns		166	173	4.22
<b>PHARMACEUTICAL SCI.</b>				
	17.0	1,773	1,844	4.00
<b>SCIENCE</b>				
	15.0	88	92	4.55
<b>Unclassified</b>				
Courses numbered under 500	15.0	88	92	4.55
Courses numbered 500 and above		225	234	4.00
<b>Graduate</b>				
<b>Ph.D.</b>				
1st year		1,700	1,768	4.00
2nd year		1,352	1,406	3.99
3rd year		1,300	1,352	4.00
Each subsequent reg.		520	541	4.04
On Leave		156	162	3.85
<b>Masters</b>				
1st year		1,700	1,768	4.00
2nd year		1,300	1,352	4.00
Each subsequent reg.		520	541	4.04
On Leave		156	162	3.85
12 month fee		1,700	1,768	4.00
18 month fee		2,350	2,444	4.00
Per unit basis		225	234	4.00
<b>Masters Degree &amp; Diploma in Dentistry</b>				
1st year		2,600	2,704	4.00
2nd year		2,600	2,704	4.00
3rd year (comb. with M.Sc.)		1,404	1,460	3.99
<b>LL.B./M.B.A.</b>				
1st year		1,773	1,844	4.00
2nd year		1,700	1,768	4.00
3rd year		1,773	1,844	4.00
4th year		1,700	1,768	4.00
Each subsequent reg.		520	541	4.04
On leave		156	162	3.85
<b>Part-Time (exc. Grad. St.)</b>				
Per unit fee prog.		88	92	4.55
Essay only		160	166	3.75
<b>Spring &amp; Summer</b>				
Per unit		95	99	4.21
Change of course		10	10	0.00
<b>Special Course Fees</b>				
Biology 323		334	347	3.89
Chinese 180		843	877	4.03
Chinese 280		843	877	4.03
Japanese 180		843	877	4.03
Japanese 280		843	877	4.03
Music Educ. 400		100	104	4.00
<b>Guided Independent Study</b>				
Per unit		95	99	4.21
Refunds per unit				
-within 30 days		80	83	3.75
-after 30 days		0	0	-
Non-refundable materials charge per G.I.S. course		15	18	20.00
International Students (excl. those registered in the Faculty of Graduate Studies)		2.5 times	2.5 times	-
		fee for Canadian citizens and permanent residents		

\*The new schedule of tuition fees goes into effect April 1, 1987.

## Notes:

1. Part-time students not in per-unit-fee programs will be assessed on the basis of a percentage of the normal full program fee.
2. A graduate student who has officially withdrawn or been officially dropped from his/her program for two or more years shall upon re-registering be considered for fee assessment purposes, a first-year student.



UBC freshman guard J.D. Jackson helped the Thunderbirds to a second place finish at the C.I.A.U. national championships in Halifax last Saturday. UBC had won ten games in a row before losing to the Brandon University Bobcats 74-66 in the national final. The team finished the year with a 25-10 record.

## Machines to help disabled

Biomedical engineers in UBC's Clinical Engineering Program are developing two remarkable machines--a driving simulator and a limb load monitor--both designed to aid physically disabled people. The developers are working cooperatively with staff of the G.F. Strong Rehabilitation Centre, where the devices are already in use.

The driving simulator is a computerized device which tests a patient's driving ability under realistic conditions. Patients sit in a driver's seat in front of a car console complete

with steering wheel, switches, ignition keys, and gauges. The only additions are a computer screen which displays the "road" for the "driver".

"The device tests factors such as the ability to follow a target, to brake quickly and to avoid obstacles on the road," says program director Dr. Charles Laszlo. "Previous tests were insufficient because they could not evaluate the patient's performance directly and quantitatively. The new machine will be very helpful for physicians who must determine if a patient who has had neurological damage has recovered sufficiently to take up driving again."

The other biomedical engineering invention, the limb load monitor (LLM), is expected to become available for wide clinical use. The LLM is a computerized platform with a display of lights which indicates to a person standing on the device how they distribute their weight. "It's designed to be used by amputees fitted with artificial legs, or by people who need an external orthotic device," Dr. Laszlo says. "When a patient stands on a platform, a display of lights will indicate if one leg or the other carries more weight. As the patient's weight shifts this way or that, the lights line up to show when the weight is evenly distributed. Used under the guidance of a therapist, it is an effective training device."

Biomedical engineers, physicians and therapists are in the process of clinically evaluating the third model of LLM--which offers an animated picture in place of a string of lights.

UBC's Clinical Engineering Program is one of only two such programs in Canada. It offers training for engineers who wish to make a career working in hospitals where they provide technological expertise and engineering services.

## Finding a friend

Bewilderment and loneliness.

These are two feelings that frequently plague international students when they first arrive in Canada to take up university studies. At UBC, a new "buddy" program that matches foreign students with a Canadian "friend", is getting rave reviews from international and Canadian students alike.

The Peer Program was initiated by UBC's International House, a facility that offers orientation programs, cultural events and a wide range of services for international students. The facility has been operating for 28 years with the support of more-than 400 volunteers on campus and in the community.

"The Peer Program was developed three years ago in conjunction with the Department of Counselling Psychology to help foreign students overcome feelings of isolation and confusion in Canada, factors which can often affect a student's academic performance," says International House director Romri McBlane.

Turn to Page Seven see BUDDY



# UBC Calendar

## BUDDY continued from Page Six

"Having someone to talk to, and to explain our Canadian way of life can make a world of difference."

McBlane says what has surprised him is the enthusiasm of Canadian students involved in the program. "We anticipated that the program would be helpful for international students, but we've also been getting great reviews from Canadian students who have broadened their view of international affairs, picked up a new language, learned more about a particular nation, or have been able to see their own culture in a new light.

"This kind of one-on-one relationship has led to a new appreciation on the part of students for other cultures and societies."

This year, 108 international and Canadian students have been paired up in the program. The UBC program has been so successful that universities throughout Canada and the U.S., and as far afield as Australia and England, are setting up Peer Programs based on the UBC model.

Although no official statistics have been collected, McBlane says its looks as though the Peer Program is having a positive effect on the students' academic life. "We've done informal surveys for the past two years on how international students in the Peer Program fared academically, compared with foreign students who did not participate in the program. Comparisons were done using students of the same age, sex, field of study, scholarship level, etc. We found that while several students who were not involved in the Peer Program experienced academic difficulties during their first year on campus, not one of the students with a Canadian "buddy" was asked to drop out or withdraw from a course."

## THE VANCOUVER INSTITUTE



**Saturday, Mar. 28**  
The Molecular Dance in Chemical Reactions: Nobel Laureate Professor John Polanyi, C.C., Department of Chemistry, University of Toronto.

Lecture Hall 2, Woodward Instructional Resources Centre. Free. 8:15 p.m.

## SUNDAY, MARCH 22 Museum of Anthropology Concert.

UBC Chamber Strings under the direction of Gerald Stanick present an all string program. Music of Haydn, Holland and Bach. Performance free with museum admission. For further information call, 228-5087. Great Hall, Museum of Anthropology. 2:30 p.m.

## Graduate Recital.

Jane Gormely, chamber piano. For further information, call 228-3113. All student recitals subject to change. UBC Recital Hall, Music Building. 3:30 p.m.

## MONDAY, MARCH 23 Germanic Studies.

Oral and Written Literature in Medieval Germany. Prof. Dennis H. Green, Trinity College, Cambridge University, Buchanan Penthouse. 12:30 p.m.

## Science for Peace Lectures.

The Biological Effects of Modern Warfare -- 11. Prof. George Spiegelman, Microbiology, UBC. Room A205, Buchanan Building. 12:30 p.m.

## Institute of Asian Research and the Consulate General of the Republic of Korea Films.

Han-Geul (Korean language) - 20 minutes, 1985. The Ancient Korean Art of Printing - 20 minutes, 1985. Koryo Celadon (Pottery) - 25 minutes, 1979. For further information call, 228-2746. Seminar Room 604, Asian Centre. 12:30 p.m.

## Germanic Studies.

Literary, History and Fiction in Medieval German Literature. Prof. Dennis H. Green, Trinity College, Cambridge University. Buchanan Penthouse. 3:30 p.m.

## Mechanical Engineering Seminar.

A Scale Model Study of the Gas Flow Field in a Hog Fuel Boiler Furnace. Matt Perchanok, Graduate Student, Mechanical Engineering. Room 1215, Civil and Mechanical Engineering Building. 3:30 p.m.

## Biochemical and Biomembranes Discussion Group.

Total Synthesis and Expression of the Gene for Bovine Rhodopsin. Dr. Dan Oprian, Michigan Institute of Technology. IRC 4. 3:45 p.m.

## Astronomy Seminar.

Black Holes in Galaxy Nuclei. Dr. John Kormendy, Dominion Astrophysical Observatory, Victoria, B.C. Room 280, Geophysics and Astronomy Building. 4 p.m.

## International Film Night.

Who Has Seen the Wind. A Canadian film based on the novel by W. O. Mitchell. Free admission. UBC students, faculty and members of the community welcome. Gate 4, International House. 7:30 p.m.

## Student Recital

Joanne Dyck, soprano; David Vandereyk, piano. For further information, call 228-3113. All student recitals subject to change. Recital Hall, Music Building. 12:30 p.m.

## Fourth-year Recital

Karen Olinsky, mezzo-soprano. For further information, call 228-3113. All student recitals subject to change. Recital Hall, Music Building. 8:00 p.m.

## English Lecture

Textual Transmission in the 15th Century. Dr. Lotte Hellinga, Deputy Keeper, British Library. Co-sponsored by the Committee on Lectures and the Centre for Textual Studies in the Department of English. Room B-313, Buchanan Building. 12:30 p.m.

## TUESDAY, MARCH 24 Creative Teaching Techniques Workshop.

Asterix in the Classroom: The Use of French Comics as a Prop for Classroom Learning and The Pleasure of Reading and Writing: Classroom Strategies. Jacques Pasquet, visiting children's author from Quebec. Workshops are in French. Sponsored by the Department of Modern Languages. For further information, call 228-3745. 8:30 a.m. to 3:30 p.m. Room 1227, Scarfe Building. Workshop continues on March 25.

## School of Library, Archival and Information Studies Colloquium.

Incunabulists and Their Data Base. Dr. Lotte Hellinga, Deputy Keeper, British Library, London. Co-sponsored by Committee on Lectures. Room 835, North Wing, Main Library. 11:30 a.m.

## Botany Seminar.

Primary Productivity in the Antarctic: The Seeming Paradox. Dr. David Nelson, Oceanography, Oregon State University. Room 3219, Biological Sciences Building. 12:30 p.m.

## Chemistry Seminar.

The Use of Inhibitors in the Study of Enzyme Mechanisms. Prof. A. C. Oehlschlager, Chemistry, Simon Fraser University. Room 250, Chemistry Building. 1 p.m.

## Metals and Materials Engineering Seminar.

Mould Taper Design for Billet Casting Machines. B. Kennedy, Graduate Student, Metals and Materials Engineering. Room 317, Frank Forward Building. 3:30 p.m.

## Oceanography Seminar.

Effects of Antarctic Phytoplankton Blooms on Nutrient Cycling and Siliceous Sedimentation. Prof. D. Nelson, Oregon State University. For further information call, Dr. William Hsieh 228-2821. Room 1465, Biological Sciences Building. 3:30 p.m.

## Statistics Workshop.

Min-Max Bias Robust M-Estimates of Scale. Ruben Zamar, Statistics, UBC. Room 102, Ponderosa Annex C. 3:30 p.m.

## Botanical Gardens Seminar.

Utilizing the Genetic Resources in the Genus *Lycopersicon*. Dr. E. C. Tigchelaar, Horticulture, Purdue University. Room 1202, Civil and Mechanical Engineering Building. 3:30 p.m.

## Research Centre Seminar.

Uterine Blood Flow and the Control of Glucose Supply to the Placenta. Dr. Colin T. Jones, Laboratory of Developmental Physiology, Nuffield Institute for Medical Research, Oxford, U.K. Room 202, The Research Centre, 850 West 28th Avenue. 4 p.m.

## History Lecture.

The Dutch East India Company as a Business Organization, 1802 - 1795. Prof. Jan de Vries, Berkeley University. Room 351, Brock Hall. 4 p.m.

## Centre for Continuing Education Illustrated Lecture.

The Temple-Builders of Ancient Java. Helena Langrick, Archaeologist. \$8, museum members \$6. For further information call, 222-5237. Theatre Gallery, Museum of Anthropology. 7:15 p.m.

## UBC Opera Theatre

West coast premiere of Igor Stravinsky's *The Rake's Progress*. Conducted and directed by French Tickner with the UBC Symphony and Opera Chorus. Tickets: \$10.00 adults. \$5.00 students/seniors. For ticket information call 228-3113. Old Auditorium. 8:00 p.m.

## WEDNESDAY, MARCH 25 Pharmacology and Therapeutics Seminar.

Retinoids and Cancer Chemoprevention. Dr. P. R. Band, Biochemistry and Occupational Oncology, Cancer Control Agency, Vancouver. Room 317, Basic Medical Sciences Building, Block C. 12 noon.

## Forestry Seminar.

Simulation of Douglas-Fir Crown Development Under Varying Silvicultural Regimes in Southwest Oregon. Dr. Doug Maguire, College of Forest Resources, University of Washington, Seattle. For further information call, 228-2507. Room 168, MacMillan Building. 12:30 p.m.

## Dentistry Seminar.

Microleakage - Dentin Permeability. Dr. David H. Pashley, Dentistry, Medical College of Georgia, Augusta. Room 388, J. B. MacDonald Building. 12:30 p.m.

## Anatomy Seminar.

Skeletal Muscle Fibres: Are They Controlled by Neurogenic Trophic Substances. Dr. Heather Davis, Anatomy, McGill University, Montreal. Room B37,

Friedman Building, 2177 Westbrook Mall. 12:30 p.m.

## Geography Colloquium.

Geography and Canadian Energy Policy. John Chapman, Geography, UBC. Room 201, Geography Building. 3:30 p.m.

## English Colloquium.

Fantasy Fiction and Metafiction. Dr. Elliott Gore, English, UBC. Buchanan Penthouse. 3:30 p.m. Refreshments at 3:15 p.m.

## Geophysics and Astronomy Seminar.

High-Pressure Research and the Composition of the Earth's Core. Dr. Catherine McCammon, Geological Sciences, UBC. Room 260, Geophysics and Astronomy Building. 4 p.m.

## Animal Resource Ecology Seminar.

What Would The World Look Like Without Interspecific Competition. Dr. Dolph Schluter, Zoology, UBC. Room 2449, Biological Sciences Building. 4:30 p.m.

## Cinema 16.

Osaka Elegy. Sub Auditorium. 7 p.m. and 9:30 p.m.

## Applied Mathematics Seminar.

Numerical Modelling of the Northeast Pacific. Dr. William Hsieh, Oceanography, UBC. Room 229, Mathematics Building. 3:45 p.m.

## School of Library, Archival and Information Studies Colloquium.

The 15th Century Book and its Readers. Dr. Lotte Hellinga, Deputy Keeper, British Library, London. England. Co-sponsored by the Committee on Lectures. Room D-244, Buchanan Building. 12:30 p.m.

## Wednesday Noon-hour Concert

John Loban, violin and Lee Kum Sing, piano. Donation requested. Recital Hall, Music Building. 12:30 p.m.

## UBC Opera Theatre

West Coast premiere of *The Rake's Progress* by Igor Stravinsky. Conducted and directed by French Tickner with the UBC Symphony and Opera Chorus. Tickets: \$10.00 adults. \$5.00 student/seniors. For further information call 228-3113. Old Auditorium. 8:00 p.m.

## THURSDAY, MARCH 26 Medical Grand Rounds.

Diabetic Ketoacidosis - State of the Art. Dr. D. Studney, Internal Medicine, UBC. Lecture Theatre Room G279, Acute Care Unit. 12 noon.

## Commerce Workshop.

Telecommunications, Urban Travel and Possible Impacts on Urban Form and Urban Work Patterns. Prof. Ian Salomon, Transportation, Northwestern University. For further information call, 224-8337. Henry Angus Penthouse. 2:30 - 4 p.m.

## Germanic Studies Lecture.

Comments on Key Scenes from the 16 Hour Film *Epic Heimat*. Prof. Peter Stenberg, UBC. Goethe Institute, 944 West 8th Avenue. 7:30 p.m.

## Pacific Rim Club and Mokuyokai Society of Vancouver Lecture.

Faculty Involvement in the Pacific Rim (based on a paper by Dr. Terry McGee) Dr. David Strangway, President, UBC. No-host bar and displays of Pacific Rim countries. Admission is \$3 and will be limited. To register call, Mokuyokai Message Line, 734-2642, or Nona Thompson, 266-5290. International House. 7:30 p.m.

## Nakasone Fund/Japan Foundation Visiting Scholars from Japan Program.

Sponsored by Fine Arts Department. What is Yamato-e? Prof. Yasushi Egami, Sofia University, Tokyo. Room 615, Asian Centre. 2:30 p.m.

## UBC Contemporary Players.

Stephen Chatman and Eugene Wilson, Directors. Free admission. Recital Hall, Music Building. 12:30 p.m.

## Collegium Musicum Ensembles.

John Sawyer, Ray Nurse, Morna Russell, directors. Free admission. Recital Hall, Music Building. 8:00 p.m.

## FRIDAY, MARCH 27 Dentistry Lecture.

Dentin Sensitivity and Its Treatment by Tubule Occlusion. Dr. David H. Pashley, Dentistry, Medical College of Georgia, Augusta. IRC 4. 8:30 a.m.

## Hispanic and Italian Studies Lecture.

El Japon En La Epoca de las Grandes Expansiones Europeas -- En Torno a la Introduccion del Cristianismo (in Spanish). Prof. Hidefujii Sameda, Universidad de Estudios Extranjeros, Osaka, Japan. Room B212, Buchanan Building. 12:30 p.m.

## Habitat Lecture.

A Generation of Africans Displaced by the Drought. David MacDonald, Canadian Ambassador to Ethiopia and representative to the Organization for African Unity. Room 102, Lasserre Building. 12:30 p.m.

## Botanical Gardens Seminar.

Genetics of Weed Invasions. Dr. Spencer C. H. Barrett, Botany, University of Toronto. Room 317, Frank Forward Building. 12:30 p.m.

## Audiology and Speech Sciences Lecture.

Effects of Early Experience on Brain Development in

Humans. Dr. Helen Neville, Director, Neuropsychology, Salk Institute for Biological Studies. IRC 4. 12:30 p.m.

## Medical Genetics Seminar.

Cancer Cytogenetics. Dr. Doug Horsman, Cancer Control Agency of B.C. Parentcraft Room, Grace Hospital, 4490 Oak Street. 1 p.m.

## Audiology and Speech Sciences Colloquium.

Biological Constraints on Language Processing: Comparisons of Spoken and Signed Languages. Dr. Helen Neville, Neuropsychology, Salk Institute for Biological Studies. Room D325, Buchanan Building. 3:30 p.m.

## Centre for Continuing Education Field Trip.

Gray Whales and Seabirds: Bamfield Marine Station. Dick Cannings, Cowan Vertebrate Museum, Zoology, UBC and Sally Carson, Bamfield Marine Station. Fee: \$275. For further information call, 222-5207. Pre-departure orientation meeting Room 2449, Biological Sciences Building. March 17, 7:30 p.m. Field trip: March 27 - 29.

## Religious Studies Lecture.

Native Indian Spirituality in the Context of Christianity. The Rev. John Jeffries, a Native Indian priest. Sponsored by the Lectures Committee. Buchanan Penthouse. 12:30 p.m.

## Collegium Musicum Ensembles

John Sawyer, Ray Nurse, Morna Russell, directors. Repeat of Mar. 26 concert. Recital Hall, Music Building. 12:30 p.m.

## UBC Opera Theatre

West coast premiere of *The Rake's Progress* by Igor Stravinsky. Conducted and directed by French Tickner with the UBC Symphony and Opera Chorus. Tickets: \$10.00 adults. \$5.00 students/seniors. For information, call 228-3113. Old Auditorium. 8:00 p.m.

## SATURDAY, MARCH 28 Interdepartmental Graduates Colloquium.

Open Literary Encounters. Organized by graduates in Comparative Literature, the English and French departments. A forum for literature graduates to present papers, work in progress and exchange ideas. For further information call, Mohammed Ezroua, 689-4301. Room A104, Buchanan Building. 10 a.m. - 4:30 p.m.

## Thunderbird Rugby.

UBC versus the Ex-Brits Club team. Thunderbird Stadium. 2:30 p.m.

## Graduate Recital.

Cheryl Fairlie, piano. For further information, call 228-3113. All student recitals subject to change. Recital Hall, Music Building. 8:00 p.m.

## UBC Opera Theatre

West coast premiere of *The Rake's Progress* by Igor Stravinsky. Conducted and directed by French Tickner with the UBC Symphony and Opera Chorus. Tickets: \$10.00 adults. \$5.00 students/seniors. Old Auditorium. 8:00 p.m.

## SUNDAY, MARCH 29 The Contemporary Players.

The Museum of Anthropology presents this mixed instrumental ensemble performing a program of chamber music from the twentieth century masterpieces of Milhaud, Ives and Jolivet to works by contemporary composers Mitchell and DeJong. The group is directed by Stephen Chatman of the UBC School of Music. The contemporary style of the group draws from such diverse influences as ragtime, African rhythms and early twentieth century French style. Performance free with museum admission. For further information, call 228-5087. Great Hall, Museum of Anthropology. 2:30 p.m.

## Fourth Year Recital.

Donnalyn Grills, mezzo-soprano. Free admission. For further information, call 228-3113. Recital Hall, Music Room. 8:00 p.m.

## MONDAY, MARCH 30 Institute of Asian Research and the Consulate General of the Republic of Korea Films.

Traditional Musical Instruments of Korea - 30 minutes, 1982. Korean Treasures - 30 minutes, 1986. For further information, call 228-2746. Seminar Room 604, Asian Centre. 12:30 p.m.

## Science for Peace Lectures.

UBC Science for Peace and STS Studies Committee. The Biological Effects of Modern Warfare -- III. Prof. George Spiegelman, Microbiology. Room A-205, Buchanan Building 12:30 p.m.

## Mechanical Engineering Seminar.

Mathematical Modelling of Flexible-Multibody Dynamics, with Application to Orbiting Systems. Ahmed Ibrahim, Graduate Student, Mechanical Engineering, Room 1215, Civil & Mechanical Engineering Building. 3:30 p.m.

## Preventive Medicine & Health Promotion Seminar.

New Directions in Health Promotion. Rita Stern, Director, Health Promotion Directorate Western Region, Health & Welfare Canada. For further information, call 228-2258. Room 253, James Mather Building, 5804 Fairview Crescent 4:00 - 5:30 p.m.

## Astronomy Seminar.

Dissipationless Galaxy Formation. Dr. George Lake, University of Washington, Seattle. Room 280, Geophysics & Astronomy Building. 4:00 p.m.

# UBC Calendar

**Applied Mathematics Seminar.**  
Random Vibrations of a Simple Resonator — A Different Approach. Dr. A. Bruce Dunwoody. Mechanical Engineering, UBC. Room 228. Mathematics Building. 3:45 p.m.

**Biochemical Discussion Group.**  
Role of the Propeptide in the Post-translational Processing of Factor IX and Prothrombin. Dr. Bruce Furie, Hematology-Oncology, Tufts University. IRC 4. 3:45 p.m.

**UBC Percussion Ensemble.**  
John Rudolph, director. Free admission. Recital Hall, Music Building. 12:30 p.m.

**Fourth Year Recital.**  
Melissa Hui, piano. Free admission. For further information, call 228-3113. Recital Hall, Music Building. 8:00 p.m.

**TUESDAY, MARCH 31**  
**Health Promotion & Systems Studies.**  
Stress Theory: Post Marital Families. Dr. Roy Rodgers, Family & Nutritional Sciences, UBC. For more information, call 228-2258. IRC 4th floor board room 12:30 p.m.

**Chemistry Seminar.**  
Electron Transfer Reactions in Bacterial Photosynthesis. Prof. M.W. Windsor, Chemistry, Washington State University. Room 250, Chemistry Building. 1 p.m.

**Metallurgical Process Engineering Seminar.**  
Distinguished Lecturer Series. A Comparison of Flash Smelting and Bath Smelting for Lead. G.W. Toop, Cominco Ltd., Trail. Room 317, Frank Forward Building. 3:30 p.m.

**Oceanography Seminar.**  
Acoustic Remote-sensing of the Wave Height Directional Spectrum of Surface Gravity Waves. S. Hill, Oceanography. For further information, call Dr. William Haleh 228-2821. Room 1485, Biological Sciences Building. 3:30 p.m.

**Zoology Seminar.**  
Sex, or Lack Thereof, in Round Worms. Dr. Martin Adamson, Zoology, UBC. Room 2000, Biological Sciences Building. 4:30 p.m.

**Nakasone Fund/Japan Foundation**

**Visiting Scholars from Japan Program.**  
Sponsored by Fine Arts Department. The Art of the Japanese Garden. Prof. Yasushi Egami, Sofia University, Tokyo. Asian Centre Auditorium. 12:30 p.m.

**Edmonds College Symphonic Choir.**  
From Seattle, Washington. Richard Asher, director. Free admission. Recital Hall, Music Building. 3:30 p.m.

**Fourth Year Recital.**  
Joanna Young, piano. Free admission. For further information, call 228-3113. Recital Hall, Music Building. 8:00 p.m.

**WEDNESDAY, APRIL 1**  
**Forestry Seminar.**  
Changing Wood Quality—Impact on the Structural Use of Wood. Prof. Dave Barrett, Harvesting & Wood Science, UBC. For further information, call 228-2507. Room 188, MacMillan Building. 12:30 p.m.

**I.A.R.E. Lecture.**  
Insect Herbivores may Control Plant Populations by Altering Their Host Plant's Life History: The Case of a Greek Beetle and a Canadian Weed. Mr. Rob Powell, I.A.R.E., Plant Science, UBC. Room 2449, Biological Sciences Building. 4:30 p.m.

**Germanic Studies Film.**  
*Heimat*, part 1. Goethe Institute, 944 West 8th. 5:30 p.m.

**Pharmacology & Therapeutics Seminar.**  
Central and peripheral components of the cardiovascular effects of vasoactive agents. Kathryn King. Room 317, Basic Medical Sciences Building, Block C. 12:00 noon.

**Wednesday Noon-hour Concert.**  
Gwen Thompson, violin and Robert Silverman, piano. Donation requested. Recital Hall, Music Building. 12:30 p.m.

**UBC Wind Symphony.**  
Martin Berinbaum, director. Free admission. Old Auditorium. 8:00 p.m.

**THURSDAY, APRIL 2**  
**Medical Grand Rounds.**  
Septic Shock. Dr. V. Bernstein, Cardiology, Acute Care Unit, UBC. Room G-279, Lecture Theatre. 12:00 noon.

**Faculty Association Annual Meeting.**  
Room 100, Mathematics Building. 1:00 p.m.

**Germanic Studies Film.**  
*Heimat*, part 2. Goethe Institute, 944 West 8th. 5:30 p.m.

**History of Medicine Hannah Lecture.**  
Lister and Surgery. Dr. David Hamilton, Surgery, University of Glasgow. Lecture Hall B, Vancouver General Hospital. 1:00 p.m.

**Nakasone Fund/Japan Foundation Visiting Scholars from Japan Program.**  
Sponsored by Fine Arts Department. An Aspect of Heian Painting Tradition. Prof. Yasushi Egami, Sofia University, Tokyo. Room 604, Asian Centre. 2:30 p.m.

**UBC Wind Symphony.**  
Martin Berinbaum, director. Repeat of April 1 concert. Free admission. Old Auditorium, 12:30 p.m.

**Faculty Concert Series.**  
Martin Berinbaum, trumpet. Tickets: \$5.00 adults. \$2.00 students/seniors. For information and reservations, call 228-3113. Recital Hall, Music Building. Information lecture: 7:30 p.m. Performance: 8:00 p.m.

**FRIDAY, APRIL 3**  
**Asian Studies Colloquium.**  
On Japanese Literature and Culture. Thien Pham, Graduate Student, Asian Studies, UBC. Room 604, Asian Centre. 12:45 p.m.

**Medical Genetics Seminar.**  
Case presentations and counselling issues. Clinical Geneticists, Clinical Genetics Unit, Grace Hospital. Parentcraft Room, Main Floor, Grace Hospital, 4490 Oak Street. 1 p.m.

**Germanic Studies Film.**  
*Heimat* part 3. Goethe Institute, 944 West 8th. 5:30 p.m.

**History of Medicine Hannah Lecture.**  
Scottish Medicine and Surgery and Their Influence on Canada. Dr. David Hamilton, Surgery, University of Glasgow. IRC 1. 12:30 p.m.

**NOTICES**  
**Nitobe Memorial Garden.**  
The Nitobe Memorial Garden will be closed weekends. Hours will be Monday to Friday, 10 a.m. to 3 p.m. Free admission during winter hours.

**Botanical Garden.**  
The Main Botanical Garden on Stadium Road will be open daily (including weekends) from 10 a.m. to 3 p.m.

**Badminton Club.**  
Faculty and Staff Badminton Club meets Tuesday 8:30-10:30 p.m. and Fridays 7:30-9:30 p.m. in Gym A of the Robert Osborne Sports Centre. Fees \$10 until April 3. New members welcome. For more information call, Bernie 228-4025.

**Statistical Consulting and Research Laboratory.**  
The Statistical Consulting and Research Laboratory (SCARL) is operated by the Department of Statistics and is intended to provide statistical advice to faculty and graduate students working on research problems. The faculty and staff associated with SCARL will be pleased to help with the design and analysis of experiments, surveys and other studies. You are encouraged to seek advice in the early stages of your research so that consultants may be helpful with the design. To arrange an appointment, fill out a client form, available from Room 210, Ponderosa Annex C. For further information call, 228-4037

**Faculty and Staff Golf Tournament.**  
The thirty-first Annual Faculty and Staff Golf Tournament will be held on Thursday, April 23. Tournament and dinner will be at the University Golf Club. Total cost will be \$50 (Green fees \$25, dinner \$22 and prize money \$3). Applications and details available at the Faculty Club reception desk. Open to all active and retired faculty and staff.

**Anthropology Student Exhibit.**  
Illustrations of fairytales, greek myths and fictional stories using Northwest Coast traditional style, design conventions and techniques. Free with museum admission. For further information call, 228-5087. Theatre Gallery, Museum of Anthropology. Continues throughout March.

**Indonesian Ikat.**  
Examples of this textile design and colouring are displayed in the Museum of Anthropology's new textile display cabinets. For further information call, 228-5087. Visible Storage, Museum of Anthropology. Continues throughout March.

**Halda Houses Project.**  
Northwest Coast artist, Norman Tait and a team of five carvers are turning a 29.5 ton, 20 metre-long log into a Nishga cargo canoe — the first of its kind in over 100 years. It will be paddled down the west coast to California, tracing the ancient abalone trading routes. For further information call, 228-5087. Halda Houses, Museum of Anthropology. Continues throughout the summer.

**Image Recovery Project.**  
Tsimshian artist Glen Wood is completing tracings from paintings recovered from soiled and faded cedar boards taken from a Tsimshian house in the Port Simpson area. The technique has been perfected at the Museum of Anthropology using infrared photography. Free with museum admission. For more information call, 228-5087. Great Hall, Museum of Anthropology. Continues throughout March.

**Archaeology Field Study tour.**  
Centre for Continuing Education. April 10-12. "Archaeology of Ozette". \$285. For more information, call David Pokotylo, Curator of Archaeology, Museum of Anthropology 222-5207. Tour leaves Winter Sports Stadium 9:15 a.m. Friday, April 10.

**Language Programs.**  
Non-credit conversational programs in Spanish, Japanese and Chinese begin the week of March 30. For more information, contact Language programs and Services, Centre for Continuing Education, at 222-5227.

**Rick Hansen Fundraising Week.**  
March 23-28. Sports competitions, songfest, socials, displays, education and awareness of the potential of disabled people takes place. Constituencies, clubs, athletic teams, faculty and staff are encouraged to participate. For more information, call Bruce Paisley, AMS Programs Coordinator 228-5338.

## GRANT DEADLINES

### APRIL 1987

- \* American Council of Learned Societies
  - China Conference Travel Grants [1]
- \* Apple Canada Education Foundation
  - Apple Centre for Innovation [30]
- \* B.C. Lung Association
  - Research Projects [1]
- \* Canadian Commission for Unesco
  - McLuhan Teleglobe Canada Award [30]
- \* Canadian Cystic Fibrosis Fdn.
  - Studentship [1]
- \* Canadian Foundation for Ukrainian Studies
  - Neporany Postdoctoral Fellowship [30]
- \* Canadian Institute of Ukrainian Studies
  - Research [1]
- \* Canadian Northern Studies Trust
  - Native Scholarship: Economic Development [1]
- \* Hannah Institute for the History of Medicine
  - Publications Assistance [1]
- \* Health and Welfare Canada: Welfare
  - National Welfare: Research Group Development [15]
  - National Welfare: Senior Research Fellowship [15]
  - Welfare Research Project Contribution [15]
- \* MRC: Awards Program
  - MRC Fellowship [1]
- \* MRC: Grants Program
  - MRC Group [1]
- \* North Atlantic Treaty Organization
  - Advanced Research Workshops Programme [15]
  - Advanced Study Institutes (ASI) [15]
  - Senior Scientist Programme [15]
- \* Pharmaceutical Manufacturers Association of Canada
  - Pharmacy Fellowship Award [1]
- \* Rhodes University
  - Hugh Le May Fellowship [1]
- \* Roeher Institute (formerly Natl. Inst. on Mental Retardation)
  - Research [30]
- \* SSHRC: Strategic Grants Division
  - Canadian Studies: Research Tools [1]
  - Education/Work in Changing Society: Seed, Research, Workshop [1]
  - Family and Socialization of Children: Seed, Research, Workshop [1]
  - Human Context Science Technology: Seed, Research, Workshop [1]
  - Management Science: Organizations (Seed), Research Initiatives, Research Grant, Workshop [1]
  - Population Aging: Postdoctoral Fellowship, Reorientation Grants, Research, Research Tools and Facilities, Research Initiatives, Workshop, Visiting Scholars [1]
  - Women and Work Program: Seed, Research, Workshop [1]
- \* Supply and Services Canada
  - Public Awareness Program for Science and Technology [15]
- \* Universite du Quebec
  - INRS Postdoctoral Fellowships [17]
- \* University of British Columbia
  - UBC-NSERC Equipment Grant [16]
  - UBC-SSHRC Travel Grant [10]
  - International Collaborative Research [30 November, 31 March, 15 August]
- \* NSERC: Intl. Relations Division
  - Exch: Braz., Czech, Jap, Bulg, UK, Suisse, Ger, Austria [15 October, 1 March]
  - International Scientific Exchange Awards [15 October, 1 March]
- \* Royal College of Physicians and Surgeons of Canada
  - Detweiler Clinical Traineeship [1 March, 1 October]
- \* Science Council of B.C.
  - BC Science and Engineering Awards [31 March]
- \* Scottish Rite Schizophrenia Prog.
  - Research Grant [1 January (Proposal letter); 1 March (Application)]
- \* SSHRC: Research Commun. Div.
  - Aid to Occasional Conferences [30 June, 30 October, 30 March]
- \* SSHRC: Secretariat Division
  - Library: Strengthening of Specialized Collections [31 March]
- \* Texaco Canada Resources Ltd.
  - Research Grant [31 March]
- \* University Consortium for Research on North America
  - Quebec Fellowship [15 March]
- \* University of British Columbia
  - C.A. McDowell Award: Excellence in Research [18 March]
  - UBC: Biely Faculty Research Prize [16 March]
  - Alumni Prize for Research in the Humanities and the Social Sciences [16 March]
  - Research Grants in the Humanities and Social Sciences [2 March]
- \* University of Cambridge
  - Visiting Fellowship in Commonwealth Studies [23 March]
- \* Von Humboldt Fdn. (W. Germany)
  - Research Fellowship [1 March, 1 July, 1 November]
- \* Woodward's Foundation
  - Foundation Grants [1 March, 1 October]

## Calendar Deadlines.

For events in the period April 5 to April 18, notices must be submitted on proper Calendar forms no later than 4 p.m. on Thursday, March 26 to the Community Relations Office, 6328 Memorial Road, Room 207, Old Administration Building. For more information, call 228-3131.

## FIRST CLASS MAIL

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