

UBC REPORTS

Volume 41, Number 18

November 2, 1995

Agreement reached, admissions reopened

by Stephen Forgacs

Staff writer

The suspension of graduate admissions to the Dept. of Political Science at UBC has been lifted. Dean of Graduate Studies John Grace announced at a meeting of the university Senate October 18.

Grace lifted the suspension after reaching an agreement with the department.

Grace said his decision came after the department made substantial progress – in the form of the agreement – toward improving the learning environment and showing a commitment to progress.

"This has been a difficult time for all concerned. I am pleased that it has been possible to reach this agreement and look forward to working with the faculty and students of the department in the days ahead," Grace wrote in a statement to Senate.

The suspension was imposed last summer after the UBC administration implemented recommendations made by law-

yer Joan McEwen in a report to the university in June.

The report dealt with allegations of racism and sexism in the department and recommended the suspension, which drew national and international attention. Until all students in the department "be afforded educational equity, and ... afforded a learning and working environment which is harassment and discrimination-free."

"As dean of Graduate Studies my first concern has to be for graduate students current and future," Grace said. "I hope that out of this the university emerges stronger... I appeal to everybody to make this agreement work."

David Elkins, acting head of the Dept. of Political Science, said members of the department look forward to moving bePolitical Science and the dean of Graduate Studies comprises eight points. It states that the department agrees "to

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Man in Motion funds spinal cord research

by Gavin Wilson

Staff writer

Dr. Wolfram Tetzlaff has been named to the Man in Motion Chair in Spinal Cord Research, the first university chair funded by the legacy of Rick Hansen's world tour.

Tetzlaff's research focuses on neural repair; specifically, on determining which genes are altered after a spinal cord injury and which genes or growth factors are thought to be critical to promote repair.

Understanding the initial development of nervous systems will be key to the development of future therapies for the regeneration and rehabilitation of damaged spinal cords.

"Dr. Tetzlaff brings extensive experience and unique skills to UBC," said Prof. John Steeves, a neuroscientist who is

director of the research group Tetzlaff will join. Collaboration on Repair Discoveries (CORD). "His research will be an important addition to the work underway at the university."

Tetzlaff will hold the position of Associate Professor with appointments in the Departments of Zoology and Surgery.

After completing his MD in Germany and a post doctoral fellowship at the Max-Planck Institute in Munich, Tetzlaff arrived at the University of Calgary for a second post doctoral fellowship. During his stay at Calgary, he also completed his PhD.

Later he was an Alberta Heritage and MRC Scholar, during which time he was a faculty member of the University of

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Gavin Wilson photo

Star Attractions

Zoology graduate student Shaun Foy shows young Open House visitor sea creatures in the marine invertebrate pool, one of the Open House displays in the Biological Sciences building. For more moments from Open House see special Open House insert starting on page 9.



UBC remembers at service Nov. 11

Members of the university community will gather in War Memorial Gym Nov. 11 for UBC's annual Remembrance Day service. This year's service also marks the 50th anniversary of the end of the Second World War.

"Our audience consists of students, staff, veterans and the public," Event Co-

ordinator Ellis Courtney said, adding that anyone is welcome at the service.

UBC President David Strangway will conduct an inspection of the troops at 10:15 a.m. before the ceremony gets underway at 10:45 a.m. Guest speaker is Ron Jeffels, former UBC faculty member and a retired major.

Alumni, students work to raise funds for university

Volunteers are gearing up on the phones this month as part of the 1995/96 Alumni Annual Fund Appeal.

"We've had a tremendous response so far," said Leanne Bernaerd, fund-raising co-ordinator in UBC's Development Office. "The volunteers and students are hard workers and there's no question their efforts have a significant impact on the final total. We're really grateful for their help."

The appeal, which began Apr. 1, 1995, is nearing the 50 per cent mark with \$450,000 toward the campaign goal of \$988,000 raised. More than 8,000 alumni have donated so far.

Funds raised support faculty priority projects, scholarships, bursaries, the library and athletics.

Volunteers from numerous faculties and schools spend one or two evenings

contacting alumni from their area. To date, volunteers from Geological Sciences, Medicine, Social Work, Theatre, Forestry, Science and the School of Library, Archival and Information Studies have taken turns on the phones. Forestry Dean Clark Binkley, Science Dean Barry McBride, and Ken Haycock, director of Library, Archival and Information Studies, joined their volunteers.

"The fact that a dean or director is there, on the phones, certainly helps impress upon the alumni and the volunteers the importance of their contribution," Bernaerd said.

Volunteers from Law, Architecture, Dentistry, Nursing, Family and Nutritional Sciences, Athletics and Applied Science will also take to the phones this month.

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Letters

LETTERS POLICY

UBC Reports welcomes letters to the editor on topics relevant to the university community. Letters must be signed and include an address and phone number for verification. Please limit letters, which may be edited for length, style and clarity, to 300 words. Deadline is 10 days before publication date. Submit letters in person or by mail to the UBC Public Affairs Office, 310 - 6251 Cecil Green Park Road, Vancouver B.C., V6T 1Z1, by fax to 822-2684 or by e-mail to paula.martin@ubc.ca.

Revamp sign policy says Law professor

Editor:

It was profoundly saddening to read the university's new Policy on Posting of Notices, Posters and Signs (UBC Reports, Oct. 19, 1995). The saddest, and most disturbing, aspect of the policy is that it reveals a mentality that fundamentally misunderstands what it means to live in a free and democratic society, and to live and work, to learn and grow within a university, an institution that more than any other should respect and embody in practice the free and open exchange of ideas and information.

The Supreme Court of Canada, in 1993, struck down as unconstitutional a Peterborough, Ont. by-law prohibiting the placement of posters on public property. In so doing, it recognized the importance of postering as a medium of expression and communication: "Posters have communicated political, cultural and social information for cen-

turies. Postering on public property...increases the availability of these messages, and thereby fosters social and political decision-making." One would think that a university should be in the forefront of maintaining and protecting the values of free and robust communication.

Instead we have a policy that imposes severe restrictions, as well as a system of prior approval, something that courts and citizens have condemned in every society where freedom of speech is constitutionally protected and socially valued. In building interiors under the new UBC policy, for example, "notice boards are under the control of the department or other unit in whose area they are located. Notices and other material may be posted only on the notice boards provided and only when approved by the controlling department or other unit." Is this intended, as the policy claims, to "promote campus communications"?

What other justifications are we given for this draconian control measure? The policy, we are told, is intended to "avoid un-

necessary maintenance costs, safety hazards, and visual pollution." One can easily imagine, however, increased maintenance costs in enforcing the policy, not to mention administrative time and energy spent reviewing and approving posters and notices. If there are safety hazards, it should be easy enough to establish carefully tailored rules to avoid them, such as prohibiting posting within a certain distance of fire safety equipment or on glass doors that open. Finally, as should be plain to anyone, one person's "visual pollution" may be another person's beauty, and can certainly be a source of new, interesting, useful, provocative or even entertaining information.

My advice, although I cannot now post it publicly except in approved places and only upon approval by my controlling department or other unit, is to take this policy back to the drawing board, and this time give a little thought as to what a university is and to the values it should represent.

Stephan M. Salzberg
Assistant Professor, Law

Cord

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Calgary and the University of Ottawa.

The UBC chair is funded with a \$500,000 donation made by the Man in Motion Foundation and matched by the provincial government.

The foundation administers the \$20-million legacy of Rick Hansen's Man in Motion tour and supports spinal cord injury research and rehabilitation across Canada.

The foundation, through the expertise of a national advisory research panel, has contributed close to \$7 million to research since Hansen tour's ended in 1987.

Edith Ehlers, executive director of the Man in Motion Foundation, said UBC was chosen for funding because of the excel-

lence of its research in neuroscience.

"We certainly feel that UBC is a leader in this area of research," she said. "We are excited to be part of it."

The fact that UBC offered to match the donation dollar-for-dollar was also a strong incentive for the foundation to support the chair, she added.

The foundation's contribution and matching funds, which were part of the World of Opportunity campaign, will fund the position in perpetuity.

Lift

Continued from Page 1

strengthen mechanisms whereby input is sought on a regular basis from graduate students in evaluating its graduate programs and in making further improvements," and "to commit itself to deal promptly with any allegations of harassment and discrimination in full accordance with university policy."

A conference on equity and discrimination issues sponsored by UBC, the Graduate Student Society, the Alma Mater Society and the Faculty Association, will take place early in the new year.

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Please Recycle

Scientists at forefront of neuro discoveries

by Gavin Wilson

Staff writer

UBC and its affiliated hospitals have become a leading centre for the study of neuroscience, says Prof. John Steeves, director of Collaboration on Repair Discoveries (CORD).

More than 70 UBC researchers conduct research in neuroscience and many are world leaders in the field, he said. If their research groups are added to this total, there are over 250 researchers at UBC and affiliated hospitals.

"New discoveries are being made at a fast pace. It's an exciting discipline," Steeves said.

CORD is part of the proposed Brain and Spinal Cord Research Centre, a joint project of the faculties of Science, Medicine and Graduate Studies with Vancouver Hospital and Health Sciences Centre.

Other proposed research areas of the centre are multiple sclerosis, neurodegenerative disorders, schizophrenia, vision and stroke.

It is fitting that Vancouver boasts such a complement of experts in neuro-trauma, because B.C. bears a disproportionate number of Canada's spinal cord injuries, Steeves said.

Each year, 250 of Canada's 1,000 spinal cord injuries occur in B.C., despite the fact that B.C. has only 13 per cent of the country's total population.

In B.C. alone there are 10,000 people

with chronic head or spinal cord injuries, numbers that translate into a high economic cost as well as a great deal of human suffering.

Most injuries occur to males under the age of 25, but because their injuries are rarely life-threatening or lifespan-shortening, each injured person requires decades of expensive health care.

"The economic costs to society are staggering. It could add up to as much as several billions of dollars a year in Canada," Steeves said.

Right now, there is nothing that can be done to heal spinal cord injuries, but recent research is providing hope that some of the damage will one day be reversed with new therapies.

Steeves and his research group are developing a "protein cocktail" that would stimulate the regrowth of nerve fibres called axons in damaged spinal cords.

The proteins would do this by temporarily curbing the formation of myelin, a protective covering on normal nerve fibres that also seems to hinder the regrowth of nerves and axons.

Other members of CORD are Asst. Prof. Vanessa Auld, Asst. Prof. Timothy O'Conner, Asst. Prof. Tom Zwimpher and, the latest addition to the team, Dr. Wolfram Tetzlaff, holder of the Man in Motion Chair in Spinal Cord Research. All have appointments in the Dept. of Zoology, with several members also appointed in the departments of Anatomy and Surgery.



Gavin Wilson photo

Adding to UBC's strength in neuroscience, Dr. Wolfram Tetzlaff brings a unique blend of skills to his position as the Man in Motion Chair in Spinal Cord Research. His research focuses on the genetics of neural repair.

Offbeat

by staff writers

A rose is a rose, is a rose.
Or is it?

Certainly the little yellow roses sprinkled amidst the splendour of the official Open House bouquet weren't your ordinary petals. Donated by the United Flower Growers Co-op (UFG) to the Dept. of Plant Science for display at Open House, they had that special something sought by UBC film-maker Ray Hall.

Hall, a professor in the Dept. of Theatre and Film, showed up at the UFG headquarters in Burnaby at 6 a.m. to pick up the prized bouquet which included lilies, chrysanthemums and alstromeria. Hall's docudrama was going to depict the Open House celebrations through the eyes of these flowers.

UFG's Henk Grasmeyer met Hall and introduced the UBC film crew to the stars of their soon-to-be released feature, *The Yellow and Purple Rose*.

"When I asked Henk where the purple rose was he looked around for one but couldn't find it," said Hall. "There's a sequel there somewhere."

Next, Christia Roberts, UBC floriculturalist, brought the film stars back to campus into the waiting arms of Judy Newton from UBC's Botanical Garden.

Newton, a veteran flower arranger on CBC's *The Canadian Gardener*, quickly ushered the colourful assortment into the gift shop and worked her magic. A touch of ferns, hydrangea, other greens and—presto! a star was arranged.

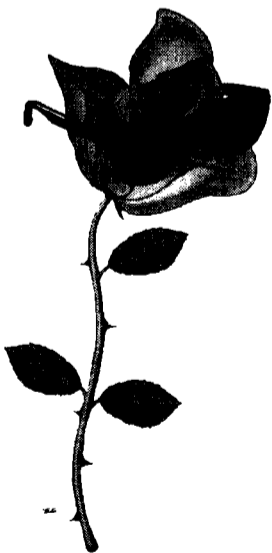
The bashful bouquet slept under a tarp that evening and was looking radiant at its debut at the Student Recreation Centre the next morning. There it took centre stage on the dais for Open House's grand opening.

Stage jitters led to the cancellation of further campus appearances on Friday. However, late Friday afternoon, the bouquet thrilled an audience at the downtown law courts by making a guest appearance during a special Congregation ceremony marking the Faculty of Law's 50th anniversary.

The flowers then made a triumphant return to campus (film crew in tow) Saturday and Sunday with stunning appearances at the Wyman Plaza Opening, the First Nations House of Learning, UBC's 80th birthday bash and finally at a reception for university emeriti.

Hall and cinematographers Brendan Keown and Jeff Houde said surging crowds, eager to catch a glimpse of the celebrity bouquet, made the filming assignment an exciting challenge but one they wouldn't have missed.

The Yellow and Purple Rose is scheduled for release next month.



Campus aims to reach \$300,000 United Way goal

United Way's campus campaign is one-third of the way toward its goal of \$300,000.

Campaign organizers have extended the appeal to the end of November since much of the campus was preoccupied with last month's Open House, said Louise Shaw, campaign co-ordinator.

The campaign has raised approximately \$111,000 from 772 donors since the campaign kickoff Oct. 2.

United Way reminders and pledge forms were recently sent to UBC employees. Shaw said employee contributions made through payroll deduction have the biggest impact on campaign success.

"We got off to a slow start this year," she said. "Now people have a bit more time and energy and the campaign is picking up steam."

Several groups on campus are organizing United Way activities during November and it's shaping up to be a great month for lovers of baked goods.

The Faculty of Commerce and Business Administration is once again holding its Bakemeister Challenge Nov. 8 at 2:30 p.m. Commerce faculty, staff and doctoral students are invited to compete. Winners are chosen by a panel of gourmet judges, but with a \$3 donation all non-bakers are welcome to attend and sample the entries. All proceeds go to the United Way.

Plant Operations is also repeating a bake sale that raised \$900 for the United Way last year. The sale will be held Nov. 24 at 11 a.m. in the cafeteria of the University Services Building.

PoliSci: the agreement

The suspension of admissions to graduate studies in the Dept. of Political Science was lifted by Graduate Studies Dean John Grace after members of the department reached the following agreement:

The department agrees:

1. (a) to ensure that the department's current process for effecting and implementing improvements in the climate for graduate study and in the administration of graduate programs will operate in good faith, efficiently and effectively to ensure that there are satisfactory provisions in place for educational equity and a learning environment of mutual trust and respect.

(b) to strengthen mechanisms whereby input is sought on a regular basis from graduate students in evaluating its graduate programs and in making further improvements.

(c) to meet all the necessary elements of the final approved version of the matrix being developed by the Dean's Equity Advisory Committee for all graduate programs, and, where possible, to implement the desirable elements also.

(d) to consider carefully other recommendations which will be made by the

Dean's Equity Advisory Committee, and to respond in writing to these in the reports covered in No. 2 below.

(e) to announce publicly its commitment to a goal of educational equity.

(f) to commit itself to deal promptly with any allegations of harassment and discrimination in full accordance with university policy.

2. The department will issue written reports in February, May and October, 1996, detailing what steps have been taken, any problems encountered, and plans for further actions. These reports will be made available to the deans of Arts and Graduate Studies and all graduate students in the department, as well as to the associate vice-president, Equity. If at least two of the dean of Arts, dean of Graduate Studies and associate vice-president, Equity deem it to be necessary, a further report could be required in 1997.

It is understood that the dean of Graduate Studies could reimpose a suspension on graduate admissions if the department fails to comply with the provisions of this agreement within a reasonable period of time.



Witty And Wilde

Joel Spicer and Rebecca Harker play the characters of Jack and Gwendolen in this month's Frederic Wood Production of *The Importance of Being Earnest*. Text editor Errol Durbach has drawn material from Oscar Wilde's little known original four-act play to create a truly scathing social commentary of the times. The play runs from Nov. 15-25. Phone 822-2678 for ticket information.

Conference to tackle health care ethics

by Connie Filletti

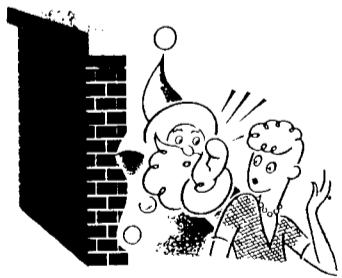
Staff writer

Do scientists have a moral obligation to communicate their findings to the communities in which they do research? Do hospitals have an ethical responsibility to provide culturally sensitive care?

Health care professionals, academics and members of community groups from across Canada and the United States will explore these issues and others at the annual conference of the Canadian Bioethics Society which focuses on health care ethics in a multicultural society. Nov. 23 to 25 at Vancouver's Coast Plaza Hotel at Stanley Park.

"One of the biggest challenges we face in health care today is making decisions that are both ethical and culturally sensitive," said Paddy Rodney, chair of the conference planning committee and a UBC doctoral candidate in the School of Nursing.

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"Understanding health care ethics from a cross-cultural perspective is tremendously important but has not been addressed in academic or practice settings. The strength of this conference is bringing the two perspectives together."

Input from multicultural and aboriginal communities in this year's proceedings is another major asset of the conference, Rodney said.

She believes that a symposium on cross-cultural issues in research ethics, presented by the Affiliation of Multicultural Societies and Service Agencies of B.C. and the Aboriginal Health Research Council, will be particularly enlightening for conference participants.

"Apart from giving of their time and energy to being studied, members of multicultural and aboriginal communities often feel that they haven't been partners in the process when scientists grab the data and run. Mostly, they just feel objectified and some even feel betrayed."

Other highlights of the three-day event include presentations on reproductive technology, disclosing cancer diagnosis in developing countries, and social justice in Canadian health policy.

The Canadian Bioethics Society annual conference is sponsored in co-operation with UBC's Centre for Applied Ethics, the Division of Health Care Ethics and the Division of Continuing Education in the Health Sciences. For more information, call (604) 732-0734 or (604) 822-5398.

Merger changes few emergency details

The merger on Oct. 16 of the University Endowment Lands fire department and the Vancouver fire department should result in better fire and rescue protection for UBC and its neighbours.

But it does create some changes that members of the campus community should be aware of, said Donna Ashick, chemical safety officer with the Dept. of Health, Safety and Environment.

For example, all calls will now be answered at a central dispatch office downtown. This includes the hazardous materials response line, the emergency first

aid line and the non-emergency fire department line.

In the past, calls to the 822-4567 HazMat line and the 822-4444 first aid line would light up on a board in the local dispatch office, showing the caller's location on campus. This will no longer happen, and callers should be prepared to give a detailed location, Ashick said.

The 822-8282 line, once a non-emergency line to a dispatcher at the UEL's fire hall on Wesbrook Mall, will also be answered downtown.

As always, 911 calls will continue to be

answered by central dispatch downtown.

Under the merger agreement, the UEL's 59 firefighters are now employees of the Vancouver fire department. The UEL fire hall will now be known as VFD Hall No. 10.

Prior to this, fire protection on Point Grey was provided by the provincial government, which administers the endowment lands. When a large fire occurred, the UEL department had to call in Vancouver firefighters, and then pay a service fee.

The Fire Prevention Office at UBC can be reached at 665-6066.

Forum

Do national borders matter for Quebec's trade?

By John Helliwell

John Helliwell is a professor in the Dept. of Economics.

Growing trade and capital mobility, and much talk of globalization, may have created the impression that national boundaries no longer matter much for trade and capital movements. The fact is, Canadian provinces trade 20 times as much with each other as with U.S. states of a similar size and distance.

If national boundaries are so important a determinant of trade, the ability to maintain the existing trade linkages with the rest of Canada after separation becomes both more important and less likely. Similarly, if interprovincial trade is so much more important than international trade, it is less easy to assume that expanded trade with the United States can be used to replace interprovincial trade now taking place.

Canadians know well that Canada and the United States are on either side of the world's largest bilateral trading flows. The two countries share an enormous land mass divided by a border that is part easily navigable water and part an unmarked line that cuts the continental divide almost at right angles. The tariffs and other border limitations to trade and capital movements are, and have long been, lower than almost anywhere in the world. Canada also has the largest degree of foreign ownership among any of the industrial countries, with the United States being by far the largest source country. If ever one would expect to find a national border that had relatively little effect on trade and capital movements, it would be the line between Canada and the United States.

When asked to estimate how much trade Canadian provinces do with each other, in comparison to how much they trade with U.S. states of similar economic size and at a similar distance, almost everyone gives an estimate falling in the range between 0.6 and 1.4 times, with the median answer being below 1.0. That is,

some think that trade linkages among the provinces are slightly tighter than are the trade linkages between the Canadian provinces and U.S. states, and some think that they are slightly weaker, with the range of answers being fairly narrow.

But the best estimate of the number is not 0.7 or 1.3, or anything even remotely close. As stated earlier, the current best estimate for the 1988-90 period for which data are available is more than 20 for Canada as a whole and more than 25 for Quebec. There could hardly be a fact that would be more important for

Quebeckers and Canadians to consider. The results show that Quebec is even more tightly tied in to the fabric of Canada, relative to its ties to the United States, than are the anglophone provinces.

The results show that Quebec is even more tightly tied in to the fabric of Canada, relative to its ties to the United States, than are the anglophone provinces.

One line of thought concerning separation is based on the belief that Quebec already has equally close trading ties with the rest of Canada and the United States, so that there could not be much at stake in moving from treating the rest of Canada as other provinces to another country. But, as proved by research, this premise is false by a factor of 25.

The central point is that the fabric of the Canadian economic union is much tighter and more closely woven than anyone had previously believed. This implies that it would be no trivial matter, for either Quebec or the remaining parts of Canada, if Quebec were to change from being part of Canada to being an independent country.

Since the discovery of the relative tightness of the economic union is relatively recent, we still do not have a full understanding of what makes the economic linkages among provinces so much stronger than those with the United States. It is therefore not easy to tell which of these factors would be most likely to be put at risk if Quebec became an independent country.

It is clear that Canadians have put together a much tighter economic federation than anyone believed, so that there is much more to lose than anyone would have guessed if the country were to split.

Eco-certification on agenda for 1996

by Stephen Forgacs

Staff writer

Schemes designed to protect the environment and encourage sustainable forest practices will be the topic of discussion at an international conference organized by UBC's Faculty of Forestry and Universiti Pertanian Malaysia.

The conference, to take place in Kuala Lumpur, Malaysia, in May 1996, will examine the issues surrounding eco-labelling and certification. Recommendations stemming from the conference will be forwarded to the United Nations Intergovernmental Panel on Forests.

"Certification and eco-labelling are pretty hot issues right now," said Sandra Schinnerl, Forestry's assistant director of International Programs, adding that little work has been done to determine the feasibility and efficacy of certification schemes.

Ideally, certification and eco-labelling programs will encourage sound forest management and harvesting practices by allowing certified wood products companies to put eco-labels on their products.

However, the certification movement's rapid gain in momentum is exposing a range of problems and increasing the need to chart a course for certification on a global level, said Forestry Prof. Hamish Kimmins.

"One of the big concerns is that there is a proliferation of schemes, and if there's a proliferation of the whole purpose and power of green labelling will be lost," he said.

To obtain certification, companies harvesting or managing forests will have to meet certain criteria which are components of sustainable forestry.

"This means that if they harvest, they harvest in such a way that doesn't upset the ecosystems in which they are harvesting," Schinnerl said.

The diversity of ecosystems around the globe adds to the difficulty in developing certification criteria.

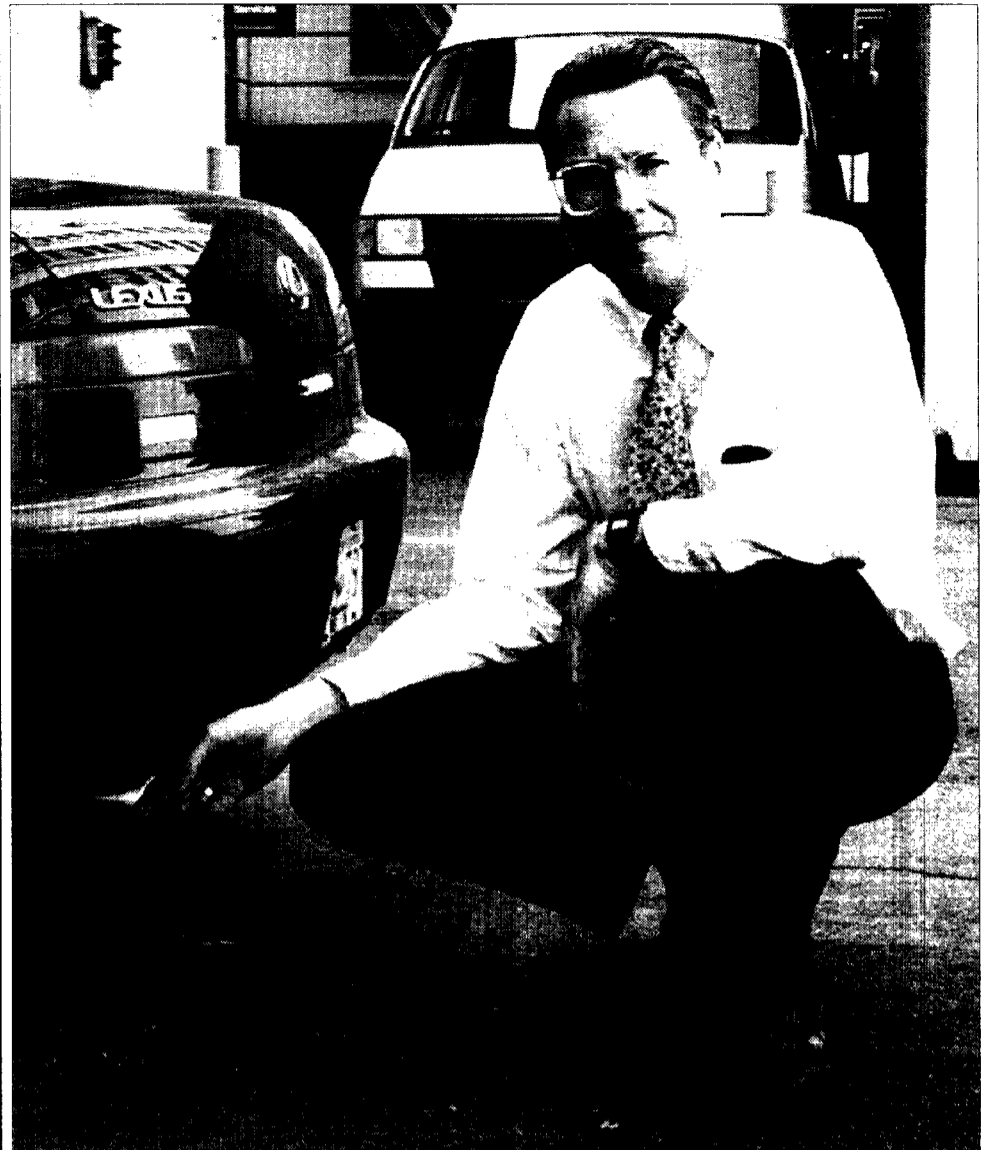
"The whole debate about green labelling has to proceed beyond this nice idea that it is a good thing to do, to what do you do, how do you measure it, how do you report it and how do you make sure that the criteria and indicators being used respect the ecological difference between different ecosystems," Kimmins said.

Attendance at the conference, titled "The Ecological, Social and Political Issues in Verification of Forest Management," is by invitation only and will have participants from several interest groups and countries. Canadian High Commissioner to Malaysia John Bell, a UBC alumnus, provided seed money for an organizational meeting held earlier in Vancouver and attended by Canadian and Malaysian representatives.

"This conference is trying to bring together a lot of seminal thinkers to make a major review of what's going on, so that we can contribute to bringing some order out of what could become chaos," Kimmins said.

He acknowledges that, given the range and diverse agendas of the groups that should be involved in this conference—political or otherwise—it may be difficult to reach agreement.

"I hope that we're going to conclude that (certification) has to be socially and economically rational but fundamentally driven by the ecology of the values we want to sustain," he said. "Will we make a unique contribution? Only time will tell."



Elizabeth Godley photo

Dr. Sverre Vedal, associate professor of Medicine, believes children, the elderly and people with pre-existing lung and heart conditions may be more susceptible to the adverse effects of air pollution.

Air pollution tied to lung, heart ailments

by Connie Filletti

Staff writer

British Columbians are visiting hospital emergency rooms with respiratory conditions and being admitted for treatment of lung and heart ailments after repeated, short-term exposures to inhalable particles polluting the air, a UBC researcher estimates.

Higher levels of PM10, or pollution consisting of particles smaller than 10 micrometres in diameter, are also associated with increases in total mortality rates and deaths from respiratory and cardiac illness in B.C., says Dr. Sverre Vedal, an associate professor of Medicine.

Vedal draws his conclusions from a review of published health studies examining the effects of PM10, data from B.C. hospitals and provincial government statistics on concentrations of inhalable particles for a report commissioned by the Ministry of Environment, Lands and Parks.

"The most disturbing aspect of many recent health studies is their findings regarding mortality," Vedal said. "Increases in particle concentrations are associated with increases in the risk of dying from lung or heart disease."

He cautioned, however, that although these observations are consistent across many studies, more research and statistical analysis are needed.

In the report, Vedal estimated that increases in PM10 pollution cause, on an annual basis in B.C., an extra 82 deaths, 283 emergency room visits and 69 hospitalizations for lung and heart disorders.

Among other health-related consequences of elevated PM10 levels the report documents are increased school absenteeism among children and restricted activity in adults with pre-existing respiratory problems.

"PM10 was an appropriate choice for study because, of the types of pollutants

we are exposed to, PM10 is the most consistent in terms of creating adverse health effects," Vedal explained.

Primary sources of inhalable particles are industry, motor vehicles, residential wood-burning fireplaces and natural sources such as windblown dust. In B.C., all sources together for approximately 25 per cent of PM10 emissions, mainly from heavy duty diesel engines.

"Although it is difficult to estimate how much PM10 is harmful, it is critical to know its lowest level of concentration where ill effects on health can really be seen," Vedal said.

"Based on my review, it appears that 30 micrograms per cubic metre is a concentration that might result in some mild symptoms in healthy persons, such as cough, chest tightness and ear, nose and throat irritations, and more pronounced effects in unhealthy individuals. Current B.C. standards are twice that amount."

Vedal added that although there are some residential hot spots outside the Lower Mainland where PM10 concentrations are high because of wood smoke, Ontario and parts of Quebec have greater levels of the pollutant.

He said there are about 30 days each year when residents of the Lower Mainland would be exposed to increases in PM10, usually in the winter.

To minimize risk, Vedal advised people to consult air quality index information available daily through the media.

"Although it is a relatively crude measure and is driven by any type of pollutant, by and large the advice would be the same: stay indoors and reduce activities."

Among Vedal's recommendations in the report, he suggested further research in several areas including the effects of brief peaks of particle exposure and experimental work on the mechanisms of particle health effects.

The ministry commissioned the report to help in its ongoing deliberations on air quality policy for British Columbia.



D. Thomson photo

Flying High

Likha, a Philippine dance troupe from San Francisco, mesmerized an appreciative audience at the Asian Centre with their performance depicting birds in flight. The dancers were part of an event sponsored by the Centre for Southeast Asia Research called A Glimpse of Philippine Culture through Music and Dance.



THE UNIVERSITY OF BRITISH COLUMBIA

UBC GAZETTE

The Board of Governors took the following actions at its meetings held on May 18, July 20 and October 5, 1995.

Strategic Planning and Property

The Board approved the 1995-96 cyclical maintenance budget, totalling \$6,089,000.

The Board approved the naming of the Multitenant Facilities Building as the "Gerald McGavin Building."

A policy on the posting of notices, posters and signs was approved.

Finance

The Board approved a carry-forward of general purpose operating funds for the year ended March 31, 1995, in the amount of \$10,149,530.

The Financial Statements for the fiscal year ended March 31, 1995, were approved.

The General Purpose Operating Funds Budget for 1995-96, and the strategy reflected therein, was approved, and the officers of the University were instructed to operate in accordance with the budget.

The Board approved cash advances to the following departments, subject to the departments agreeing to repay the advance over a specified period.

(a) Athletic

- Sport Services and Athletics
- Sport Facilities to finance the construction of the Five Court Tennis Centre at Osborne Centre—\$750,000 over a period of two years.

(b) Parking Services to finance structural repairs to the Health Sciences Parkade—\$1.2 Million over a period of seven years.

The Board noted the Academic Equipment Fund grant of \$3,421,488 for 1995/96 as a designated element within the general purpose operating grant, authorising its expenditure for the stated purpose.

The Board approved allocation of the \$400,000 government grant for UBC's partnerships with Okanagan University College and University College of the Cariboo as follows:

| | |
|-----------|-----------|
| Arts | \$148,000 |
| Science | 148,000 |
| Education | 87,000 |
| Central | 17,000 |

The Board noted the Teacher Education Expansion Grant of \$1,212,669 for 1995/96, approving its allocation to the Faculty of Education.

The Board ratified the allocation of the Co-operative Education grant (\$121,895 to the Faculty of Applied Science and \$72,205 to the Faculty of Science) for 1995-96.

Academic and Student Affairs

The agreement between the University and the Faculty Association of the University with respect to salaries and economic benefits for the year July 1, 1994, to June 30, 1995, and for the year July 1, 1995, to June 30, 1996, was ratified.

The Framework Agreement reached between the University of British Columbia and the Association of Administrative and Professional Staff (AAPS) was approved.

The Board ratified the following memorandum of agreement:

- Union Local #116—Five year collective agreement for the period April 1, 1994, to March 31, 1999.
- Union Local #2950—Five year collective agreement for the period April 2, 1994, to March 31, 1999.

- Union Local #2278—Five year collective agreement for the period September 2, 1994, to August 31, 1999.
- Children's Services Employees' Union—3.5 year agreement for the period November 1, 1994, to April 30, 1998.

The Board approved the Job Evaluation Plan developed jointly by the University and the Association of Administrative and Professional Staff (AAPS)/

The Board approved a policy on Postdoctoral Fellows with effect from January 1, 1996, for all new appointments and any reappointments from that date forward, and noted the President's procedures for implementation and administration.

The Board limited the terms of appointment for Research Associates, Adjunct Professors, and Clinical faculty members to not more than three years, although the terms may be renewable.

The Policy on Research Grants during periods other than study leave was approved; and the President's procedures for implementation and administration were noted.

Acting on Senate recommendations, the Board approved the following:

- Admission and enrolment quotas for the various faculties and schools, as approved by Senate;
- Curriculum proposals from the Faculties of Applied Science, Arts, Education, Graduate Studies, Law, and Science
- Education Abroad Programs, as recommended by Senate
- Diploma Program in Management of Aquaculture Systems
- Amalgamation of the Westwater Research Centre and the Graduate Program in Resource Management and Environmental Studies with effect from July 1, 1995; the merged unit to be called "Resource Management and Environmental Studies."
- Merging of the Departments of Creative Writing and Theatre & Film to form the Department of Theatre, Film and Creative Writing.

The Board approved the following Endowment Deeds:

- Amended Endowment Deed for the Real Estate Foundation Junior Professorships in Urban Land Economics.

May 1995

The Board of Governors at its meeting of May 18, 1995 approved the following recommendations and received notice about the following items:

APPOINTMENTS

- David J. Fairholm**, Assistant Dean, Faculty of Medicine, July 1, 1994 to June 30, 1997.
- Ashok Kotwal**, Head, Department of Economics, July 1, 1995 to June 30, 2000.
- Cornelis Van Breeman**, Head, Department of Pharmacology & Therapeutics, Mar 1, 1995 to June 30, 1998.
- Zhaoming Xu**, Assistant Professor, School of Family & Nutritional Sciences, Jan 1, 1996 to June 30, 1999.
- Christine Scaman**, Assistant Professor, Department of Food Science, July 1, 1995 to June 30, 1998.
- Sherry McKay**, Assistant Professor, School of Architecture, July 1, 1995 to June 30, 1998.
- Hua Jin**, Assistant Professor, Department of Electrical Engineering, July 1, 1995 to June 30, 1998.

- Approval to reduce by \$136,667 the endowment capital of the Saudi Arabiam Medical Education Program endowment. The funds will be transferred to the Rheumatology Research Endowment Fund.
- Faculty of Agricultural Sciences—Chair in Animal Welfare Endowment Deed
- Faculty of Forestry—Asa Johal Graduate Fellowship in Forestry Endowment Deed
- Faculty of Education Chair in the Application of Media and Technology in Mathematics, Science and Technology Education Endowment Deed
- Faculty of Education Chair in the Application of Media and Technology in Mathematics, Science and Technology Education Endowment Deed, as amended.
- Thomas and Marguerite Mackay Memorial Scholarship Endowment Deed as amended.
- Transfer of the funds in the Chair in Plant Biotechnology Endowment Deed (\$738.15) to the Faculty of Science General Endowment.

Appointments

Board Chair:

- Ms. Barbara Crompton was re-elected as Board Chair for the period ending August 31, 1996
- Ms. Shirley Chan was elected as Board Chair for the period September 1, 1996, to August 31, 1997

Vice Chairs:

- Ms. Shirley Chan, Vice Chair, External, for the period ending August 31, 1996
- Dr. William R. Cullen, Vice Chair, Internal, for the period ending August 31, 1996

Mr. Terry Sumner was appointed as Vice President, Administration and Finance for a four-year term from January 1, 1996.

Professor Dennis Pavlich was appointed as Associate Vice President, Academic & Legal Affairs for the period September 1, 1995, through August 31, 1999.

Dr. Martha Salcudean was appointed as Vice President Research pro tem, for the period October 1, 1995, to December 31, 1995, or until a successor is in place.

Mr. R. Dumouchelle was appointed as Acting Vice President, External Affairs,

for the period April 1 to September 30, 1995.

Dr. John H. V. Gilbert was appointed as Co-ordinator of Health Sciences for the period September 1, 1995, through August 31, 1999.

Dr. Daniel R. Birch, Vice President and Provost, was appointed as UBC's additional nominee to the Hamber Foundation's Board. The term will run from the appointment date i.e. May 18, 1995, until the February's next Annual Meeting (February 1996) and for two years thereafter.

Dr. David Measday, Associate Dean, Faculty of Science and Professor of Physics, was reappointed a member of TRIUMF's Board of Management for the period July 1, 1995, to June 30, 1998.

The Board approved appointments to the Board of Directors of each of the organisations listed below:

| | |
|-------------------------------|--------------------|
| B.C. Cancer Agency | Dr. D. Birch |
| B.R. Centre Limited | Prof. D. Pavlich |
| Cedar Lodge Society | Mr. T. Fogarassy |
| | Dr. J.H.V. Gilbert |
| Discovery Foundation | Dr. M. Salcudean |
| Discovery Parks Inc. | Mr. W. Palm |
| IRIS | Dr. M. Salcudean |
| PAPRICAN | Dr. M. Salcudean |
| TRIUMF | Dr. M. Salcudean |
| UBC Faculty Pension Plan | |
| Board of Trustees | Prof. D. Pavlich |
| | Dr. J. Emerman |
| | Dr. M. Arcus |
| UBC Research Enterprises Inc. | Mr. T. Fogarassy |
| | Dr. M. Salcudean |
| Vancouver Hospital | Mr. D. Pavlich |
| | Dr. D. Hardwick |

Other Business

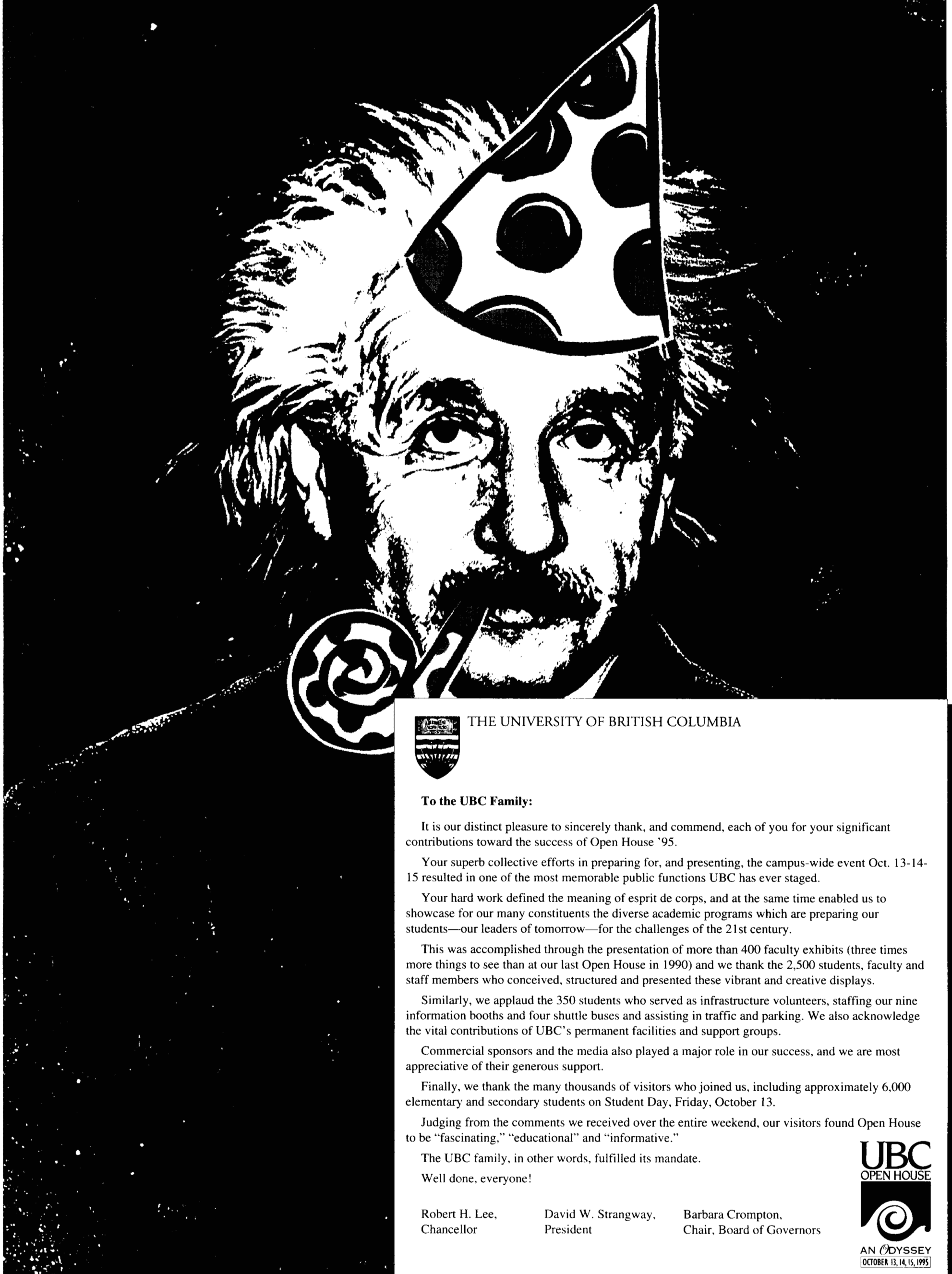
The resignation of Mr. Dennis Pavlich as a member of the Board with effect from August 31, 1995, was noted and the Secretary to the Board was requested to declare a vacancy in the minutes of the Board as required under Section 24 of the University Act.

The minutes of the open sessions of the Board of Governors, dating from January 1995, will be made available on the Internet/World-Wide Web as of early June, 1995. Board Secretary Nina Robinson will co-ordinate the establishment and maintenance of the Board's Internet homepage. The homepage will include links to information on the Board and its members, UBC Reports gazette items, and Board minutes and announcements. It can be accessed at <http://unixg.ubc.ca:780-bog/board.htm> as well as from View UBC.

- Antony J. Hodgson**, Assistant Professor, Department of Mechanical Engineering, July 1, 1995 to June 30, 1998.
- John Michael Archer**, Assistant Professor, Department of English, July 1, 1995 to June 30, 1998.
- Patricia Louise Badir**, Assistant Professor, Department of English, July 1, 1995 to June 30, 1998.
- Nancy Jane Hermiston**, Assistant Professor, School of Music, July 1, 1995 to June 30, 1998.
- Paul Bartha**, Assistant Professor, Department of Philosophy, July 1, 1995 to June 30, 1998.
- Deborah O'Connor**, Instructor II, School of Social Work, July 1, 1995 to June 30, 1997.
- Brian O'Neill**, Assistant Professor, School of Social Work, July 1, 1995 to June 30, 1998.
- Paul Courtright**, Assistant Professor, Department of Ophthalmology, Jan 1, 1995 to June 30, 1998.
- Donald Douglas**, Professor, Department of Chemistry, April 1, 1995 (tenured).
- Changfeng Gui**, Assistant Professor,

- Department of Mathematics, July 1, 1995 to June 30, 1998.
- Ariel Zhitnitsky**, Assistant Professor, Department of Physics, July 1, 1995 to June 30, 1998.
- Paul Gustafson**, Assistant Professor, Department of Statistics, July 1, 1995 to June 30, 1998.
- CANCELLATIONS**
- Michael Brennan**, Professor, Faculty of Commerce & Business Administration, July 1, 1995 (tenured).
- J. Patricia Hughes**, Associate Professor, Faculty of Commerce & Business Administration, July 1, 1995 (tenured).
- RESIGNATIONS**
- Andrew L. Mular**, Professor, Department of Mining & Mineral Process Engineering, Dec 30, 1995.
- Makoto Saito**, Assistant Professor, Department of Economics, June 30, 1995.
- Joel H. Kaplan**, Professor, Department of English, June 30, 1995.
- Lesley Ellies**, Assistant Professor, Department of Clinical Dental Sciences, April 30, 1995.

UBC OPEN HOUSE. OCTOBER 13 – 14 – 15



THE UNIVERSITY OF BRITISH COLUMBIA

To the UBC Family:

It is our distinct pleasure to sincerely thank, and commend, each of you for your significant contributions toward the success of Open House '95.

Your superb collective efforts in preparing for, and presenting, the campus-wide event Oct. 13-14-15 resulted in one of the most memorable public functions UBC has ever staged.

Your hard work defined the meaning of esprit de corps, and at the same time enabled us to showcase for our many constituents the diverse academic programs which are preparing our students—our leaders of tomorrow—for the challenges of the 21st century.

This was accomplished through the presentation of more than 400 faculty exhibits (three times more things to see than at our last Open House in 1990) and we thank the 2,500 students, faculty and staff members who conceived, structured and presented these vibrant and creative displays.

Similarly, we applaud the 350 students who served as infrastructure volunteers, staffing our nine information booths and four shuttle buses and assisting in traffic and parking. We also acknowledge the vital contributions of UBC's permanent facilities and support groups.

Commercial sponsors and the media also played a major role in our success, and we are most appreciative of their generous support.

Finally, we thank the many thousands of visitors who joined us, including approximately 6,000 elementary and secondary students on Student Day, Friday, October 13.

Judging from the comments we received over the entire weekend, our visitors found Open House to be "fascinating," "educational" and "informative."

The UBC family, in other words, fulfilled its mandate.

Well done, everyone!

Robert H. Lee,
Chancellor

David W. Strangway,
President

Barbara Crompton,
Chair, Board of Governors




THANK YOU UBC



Hats off to youU-B-C

The campus community came together to greet thousands of visitors to UBC during the three-day Open House '95 event, October 13-15.

"Open House was a great success," said UBC President David Strangway, who attributed much of the success to the co-operation of the faculties and departments, and to the hundreds of volunteers who worked preparing exhibits, organizing events and helping out during the event.

"The thing that really impressed me was the effort that everybody put into this. It was a huge effort."

More than 400 exhibits and attractions were set up across campus, from the Museum of Anthropology at the north end of campus to TRIUMF in the south.

Although attendance estimates vary, several areas of cam-

pus were particularly busy either for the entire three-day event, or during specific events.

Kids' World gave out 3,000 name tags to child visitors during Open House, and there were often lineups for the Chemistry Magic Show.

The ever-popular Apple Festival at the UBC Botanical Garden drew nearly 6,000 apple fans and sold about 6,300 kilograms of apples.

"The Apple Festival touches the need to celebrate harvest, to celebrate the end of a season. It seems to meet that need in urban people," said Anne Gartshore, Apple Festival co-ordinator.

Meanwhile, across campus at the Surplus Equipment Recycling Facility (SERF), people were lining up to satisfy the need for office furniture, computer equipment and other university sur-

plus at the SERF Supersale.

SERF manager Vince Grant said the one-day sale brought in close to \$20,000 and that further sales were sure to follow as a result of the Open House exposure.

"Now a lot of people who had never heard of SERF before Open House know about us. We're going to have spill-over sales for several weeks," he said. Grant said he is considering holding two large SERF sales per year after witnessing the sale's popularity.

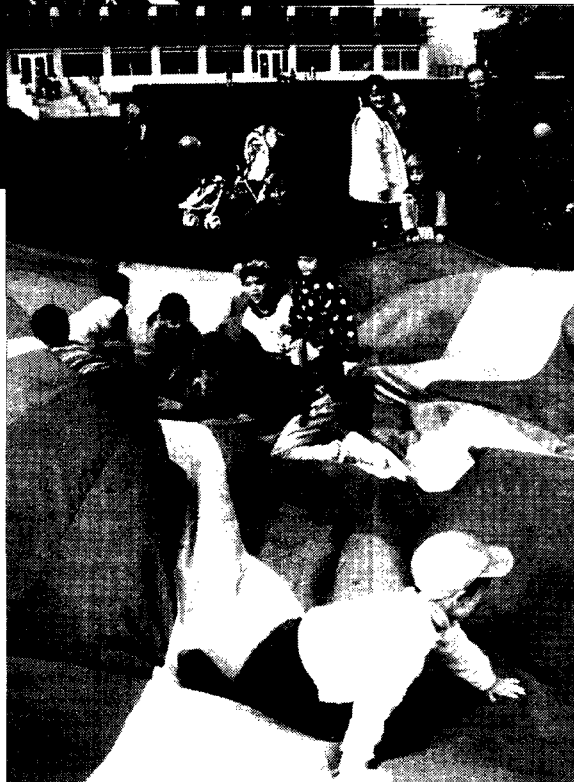
A sampling of visitors' comments suggested interactive or hands-on displays were the most popular and many areas received enthusiastic reviews.

Many of the suggestions from volunteers and visitors will be used to help make the next Open House better still.

Winner of the Open House Grand Prize, a 1995 Honda Odyssey valued at \$30,000, is Carolina Mora of Surrey, who entered the free draw at Safeway.

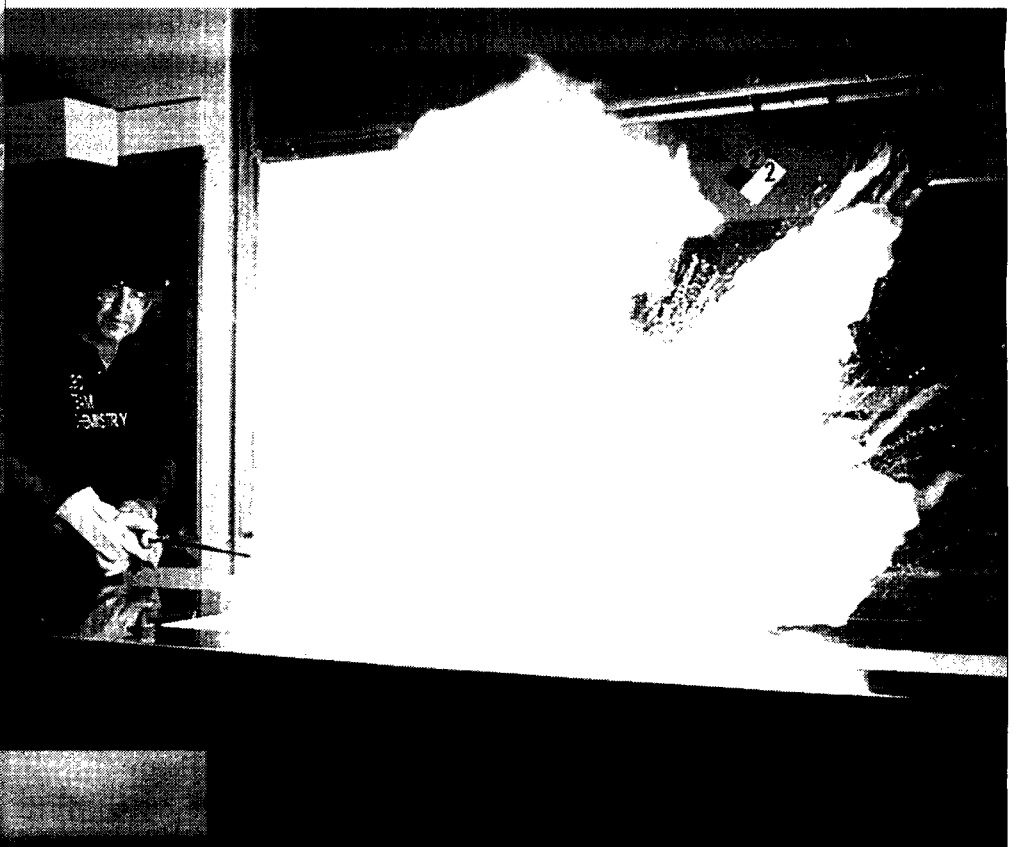
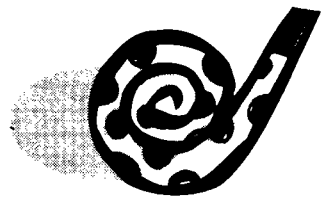
"I actually liked Open House a lot. I'd like to have more contact with people in science in the future." - visitor

"Exceeded my expectations...Make it an annual event!" - visitor



Children exhausted themselves, and the student volunteers, playing a variety of games on MacInnes Field during the three-day Open House event in October. More than 3,000 children visited Kids' World for educational and fun encounters with science, art, sports and music.

Stephen Forgacs photo



There were plenty of fireworks at the Chemistry Magic Show, an event that has been a perennial favourite at Open Houses through the years.

"Enjoyed watching people's faces change from fear and trepidation to actual fascination and joy as they held a cockroach for the first time in their lives." - volunteer

"I met a lot of people from other departments. We should have Open House more often." - volunteer



Student volunteers helped Open House visitors navigate their way around the campus and among the more than 400 events.

Alastair Bird photo

THANK YOU UBC



Gavin Wilson photo

Computer Science graduate student Don Murray demonstrates how Spinoza, a mobile autonomous robot, can track the movement of a ball and then chase it.

"There was one little girl, about four years old, who kept coming back. She wanted to see all the pictures in the microbiology book. She told me that she found out today that cows were actually soft. She used to think they were hard."

- volunteer

"Every person we met was friendly, helpful and informative. We had a wonderful time."

- visitor

"It was a blast. My best job was trying to convince a kid math is fun."

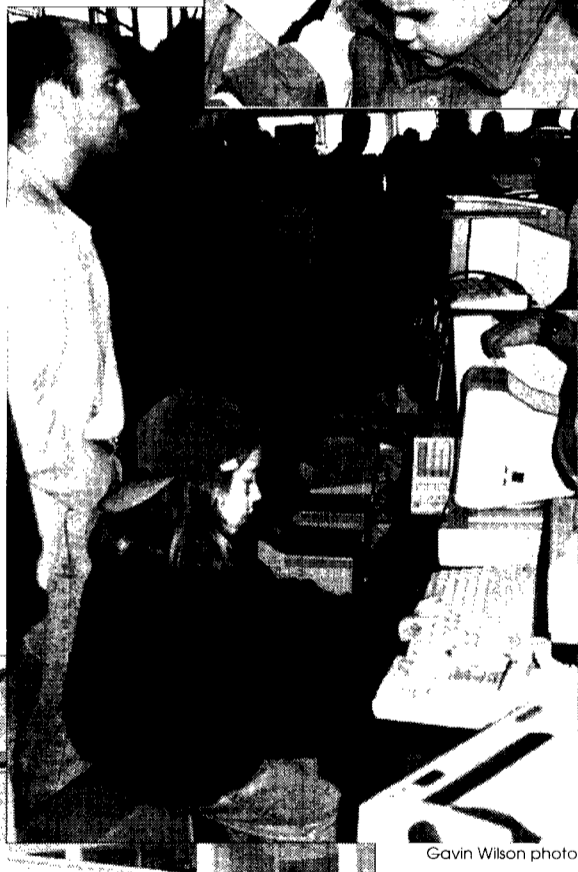
- volunteer

Dr. Richard Loomer, a clinical professor in Orthopaedics, guides a visitor through laparoscopic surgery techniques on a dummy knee.

Gavin Wilson photo



Alastair Bird photo



Gavin Wilson photo



Gavin Wilson photo

"I enjoyed explaining things to people, especially the kids who were often very excited by what they saw."

- volunteer

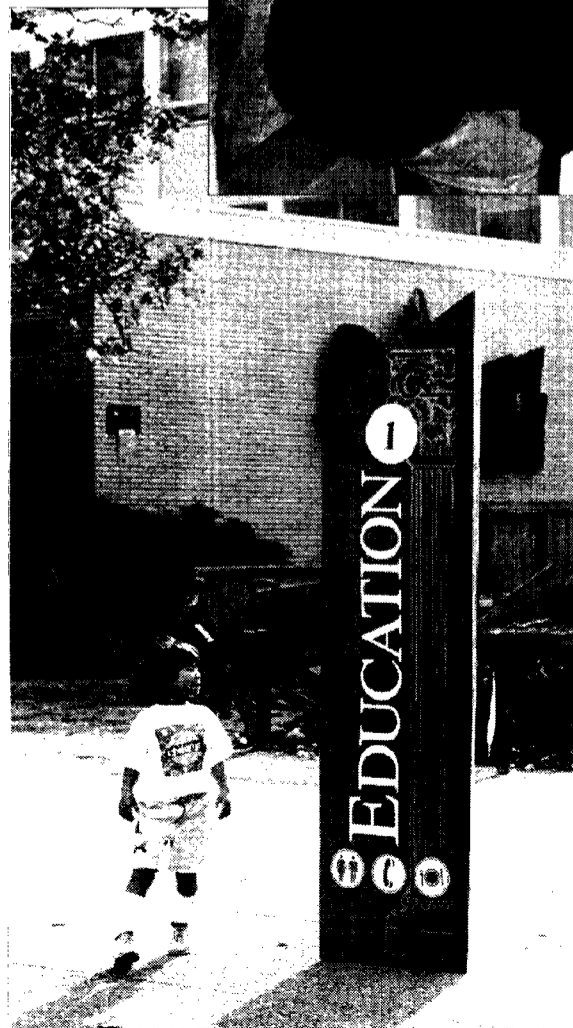
The virtual reality stationary bike was one of the star attractions at the Bird Coop, the exercise room in the Student Recreation Centre, which officially opened on the first day of Open House.

"I thought this year was a great success because lots of kids came out (entire families). This was good for promoting science and education."

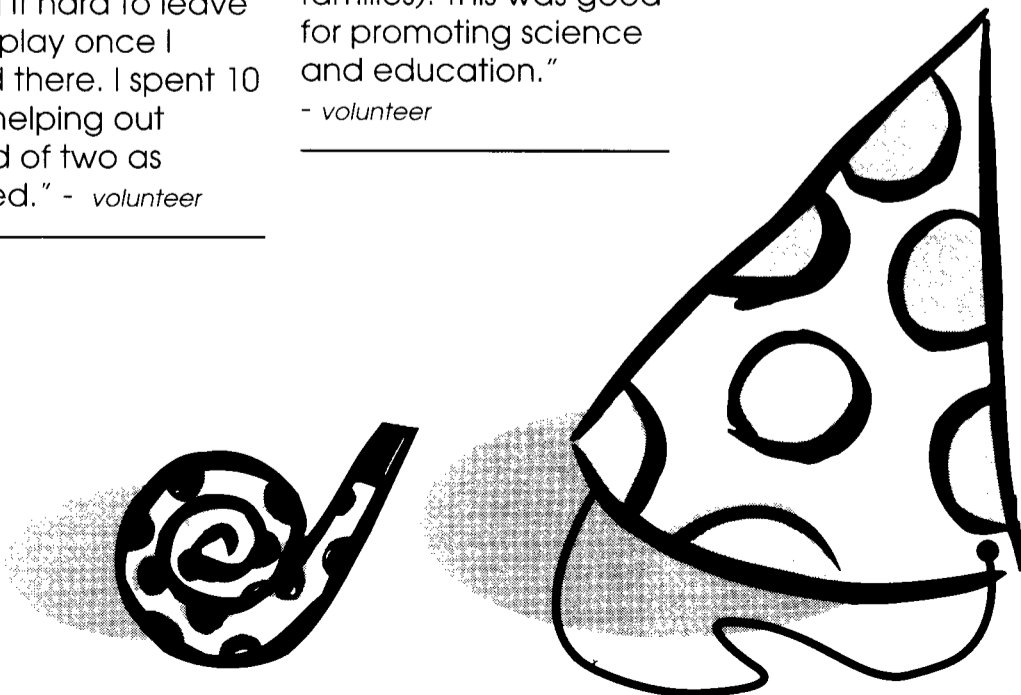
- volunteer

"I really enjoyed it, finding it hard to leave the display once I arrived there. I spent 10 hours helping out instead of two as planned."

- volunteer



Alastair Bird photo



UBC OPEN HOUSE. OCTOBER 13 – 14 – 15

Hats off to all our sponsors

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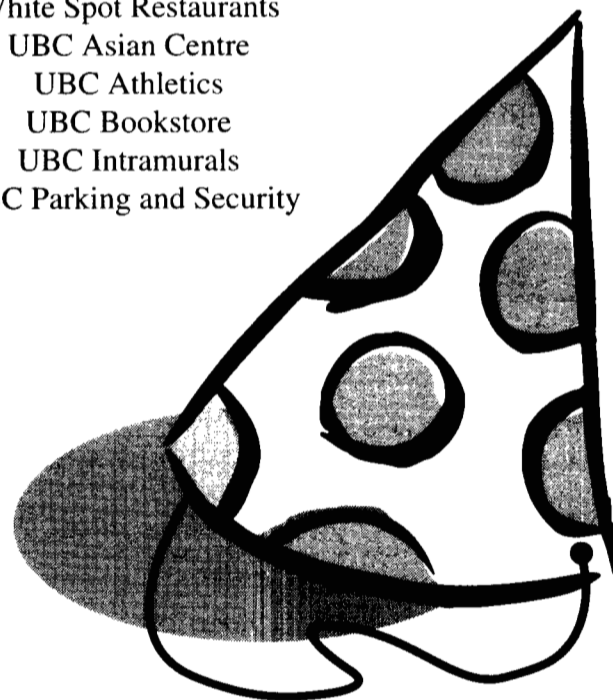
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*The University of British Columbia
sincerely thanks all of the above-named
companies for their generous contributions
toward the success of Open House '95*

Serious fun² for the entire family



AN ODYSSEY
OCTOBER 13, 14, 15, 1995





Bart Van der Kamp, Forest Sciences
Yair Wand, Faculty of Commerce

TENURE

P. Adebare, Civil Engineering (as Associate Professor)
Ann Anderson, Curriculum Studies (as Associate Professor)
David Austin, Mathematics (as Associate Professor)
Philip Austin, Geography (as Associate Professor)
Tony Bai, Medicine (as Associate Professor)
Daniela Boccassini, Hispanic & Italian Studies (as Associate Professor)
Joan Bottorff, School of Nursing
Catherine Burnett, Theatre and Film (as Associate Professor)
John Church, Anatomy (as Associate Professor)
Millie Creighton, Anthropology/Sociology (as Associate Professor)
Dana Devine, Pathology & Laboratory Medicine (as Associate Professor)
Glen Donaldson, Faculty of Commerce (as Associate Professor)
Sheldon Duff, Chemical Engineering (as Associate Professor)
Susanna Egan, English (as Associate Professor)
P. Englezos, Chemical Engineering (as Associate Professor)
Mark Fitzgerald, Medicine (as Associate Professor)
Nancy Frelick, French (as Associate Professor)
William French, History (as Associate Professor)
Wendy Frisby, School of Human Kinetics (as Associate Professor)
Louise Glass, Botany (as Associate Professor)
S. Hatzikiriakos, Chemical Engineering (as Associate Professor)
Iain Higgins, English
Murray Hodgson, Occupational Hygiene Program/Mechanical Engineering (as Associate Professor)
York Hsiang, Surgery (as Associate Professor)
Rita Irwin, Curriculum Studies (as Associate Professor)
Janet Jamieson, Educational Psychology and Special Education
Anna Kindler, Curriculum Studies (as Associate Professor)
Nand Kishor, Educational Psychology and Special Education (as Associate Professor)
Lili Kopala, Psychiatry (as Associate Professor)
Charles Krieger, Medicine (as Associate Professor)
Edward Kruk, Social Work (as Associate Professor)
Nancy Langton, Faculty of Commerce
R.W. Lawrence, Mining and Mineral Process Engineering

Carl Leggo, Language Education (as Associate Professor)
Kenneth Lum, Fine Arts (as Associate Professor)
Brendan McCabe, Faculty of Commerce
Timothy McDaniels, School of Community & Regional Planning/Westwater Research Centre (as Associate Professor)
Ian McKendry, Geography (as Associate Professor)
Enrique Manchon, Hispanic & Italian Studies (as Senior Instructor)
Thomas Maness, Wood Science (as Associate Professor)
Alan Martin, School of Human Kinetics
Bruce Miller, Anthropology/Sociology (as Associate Professor)
Joshua Mostow, Asian Studies (as Associate Professor)
Vasantilak Naik, Faculty of Commerce (as Associate Professor)
James Nason, Economics (as Associate Professor)
Kenneth Poskitt, Radiology
Richard Poulin, Mining and Mineral Process Engineering (as Associate Professor)
Ivan Sadowski, Biochemistry/Molecular Biology (as Associate Professor)
Hassan Salari, Medicine
R.S.E. Salcudean, Electrical Engineering (as Associate Professor)
Carl Seger, Computer Science (as Associate Professor)
Peter Seixas, Curriculum Studies (as Associate Professor)
William Strange, Faculty of Commerce (as Associate Professor)
Scott Taylor, Economics (as Associate Professor)
Frank Tester, School of Social Work
Robin Turner, Biotechnology/Laboratory Electrical Engineering (as Associate Professor)
Raman Uppal, Faculty of Commerce (as Associate Professor)
Carlos Ventura, Civil Engineering (as Associate Professor)
Mark Vessey, English (as Associate Professor)
Michael Ward, Mathematics (as Associate Professor)
Jerzy Wojtowicz, School of Architecture
Michael Zeitlin, English (as Associate Professor)

October 1995

The Board of Governors at its meeting of October 5, 1995 approved the following recommendations and received notice about the following items.

Gerald Gorn, Associate Dean, Faculty of Commerce and Business Administration, July 1, 1995 to June 30, 1996.
Antal Kozak, Associate Dean, Faculty of Forestry, July 1, 1995 to June 30, 1996.

John A. McLean, Associate Dean, Faculty of Forestry, July 1, 1995 to June 30, 1996.
William A. Webber, Coordinator Health Sciences, July 1, 1995 to Aug 31, 1995.
John H.V. Gilbert, Coordinator Health Sciences, Sept 1, 1995 to Aug 31, 1999.
David Holm, Associate Dean, Faculty of Science, July 1, 1995 to June 30, 1996.
David Measday, Associate Dean, Faculty of Science, July 1, 1995 to June 30, 1996.
Judith Myers, Associate Dean, Faculty of Science, July 1, 1995 to June 30, 1996.
John Sams, Associate Dean, Faculty of Science, July 1, 1995 to June 30, 1996.
John Vanderstoep, Acting Head, Department of Food Science, July 1, 1995 to June 30, 1996.
Arthur A. Bomke, Acting Head, Department of Soil Science, July 1, 1995 to June 30, 1996.
Bonita Long, Acting Head, Department of Counselling Psychology, July 1, 1995 to Aug 31, 1995.
Richard Young, Head, Department of Counselling Psychology, Sept 1, 1995 to Aug 31, 2000.
Robert Schutz, Director, School of Human Kinetics, July 1, 1995 to Dec 31, 1995.
Terence G. McGee, Director, Institute of Asian Research, July 1, 1995 to June 30, 1996.
Frederick Mikelberg, Acting Head, Department of Ophthalmology, Oct-1, 1995 to Apr 30, 1996.
Jack Rootman, Head, Department of Ophthalmology, July 1, 1995 to June 30, 2001.
Peter Wing, Acting Head, Department of Orthopaedics, July 1, 1995 to Sept 30, 1995.
Judith Hall, Head, Department of Paediatrics, July 1, 1995 to June 30, 2000.
Robert Woodham, Head, Department of Computer Science, July 1, 1995 to June 30, 2000.
J. Leslie Smith, Acting Head, Department of Geological Sciences, Apr 15, 1995 to June 30, 1996.
Alan G. Lewis, Acting Head, Department of Oceanography, July 1, 1995 to June 30, 1996.
Peggy Thompson, Assistant Professor, Department of Creative Writing, July 1, 1995 to June 30, 1998.
Daphna V. Arbel, Instructor, Department of Religious Studies, July 1, 1995 to June 30, 1997.
Gerardo Maupome, Assistant Professor, Department of Clinical Dental Science, Sept 1, 1995 to June 30, 1998.

Christopher Wyatt, Assistant Professor, Department of Clinical Dental Science, Jan 1, 1996 to June 30, 1999.
Aslam H. Anis, Assistant Professor, Department of Health Care and Epidemiology, July 1, 1995 to June 30, 1998.
Dean H. Uyeno, Associate Professor, Department of Health Care and Epidemiology, Aug 1, 1995 (tenured).
Shoo Kim Lee, Associate Professor, Department of Paediatrics, July 1, 1995 to June 30, 1998.
Ismail Laher, Assistant Professor, Department of Pharmacology and Therapeutics, July 1, 1995 to June 30, 1998.
Grant Iverson, Assistant Professor, Department of Psychiatry, Aug 14, 1995 to June 30, 1998.
Anne Carswell, Associate Professor, School of Rehabilitation Sciences, July 1, 1996 (tenured).
Lynn Stothers, Assistant Professor, Department of Surgery, July 1, 1995 to June 30, 1998.
Gene A. Joseph, Administrative Librarian, Library, First Nations House of Learning, Sept 1, 1995 to Aug 31, 1997.

CHANGES TO HIRE DATE

Zhaoming Xu, Assistant Professor, School of Family and Nutritional Sciences, Jan 1, 1996 to June 30, 1999 to Nov 1, 1995 to June 30, 1998.
Loretta Li, Assistant Professor, Department of Civil Engineering, July 1, 1995 to June 30, 1998 to Aug 21, 1995 to June 30, 1998.
Curtis Arnold Suttle, Associate Professor, Department of Oceanography, Sept 1, 1995 (tenured) to Jan 1, 1996 (tenured).

RESIGNATIONS

Vasu Krishnamurthy, Assistant Professor, Faculty of Commerce and Business Administration, June 30, 1995.
Dean H. Uyeno, Associate Professor, Faculty of Commerce and Business Administration, July 31, 1995.
Joseph Zechner, Associate Professor, Faculty of Commerce and Business Administration, July 31, 1995.
Carole Trepanier, Continuing Studies Program Director, Centre for Continuing Studies, Aug 31, 1995.
Rita Watson, Associate Professor, Department of Educational Psychology and Special Education, Aug 31, 1995.
Mark Fruin, Director (appointment as Professor continues), Institute of Asian Research, June 30, 1995.
Dr. Yuanhong (Robin) Ma, Assistant Professor, Faculty of Medicine, August 31, 1995.
Martin P.R. Walker, Assistant Professor, Department of Obstetrics and Gynaecology, Aug 15, 1995.
Douglas J. Courtemanche, Assistant Professor (appointed as Clinical Assistant Professor July 1, 1995), Department of Surgery, June 30, 1995.
Susan Kieffer, Head (appointment as Professor continues), Department of Geological Sciences, Apr 15, 1995.
K.W. Savigny, Associate Professor, Department of Geological Sciences, Aug 31, 1995.
Rodrigo A. Restrepo, Professor, Department of Mathematics, Dec 30, 1995.
Robert C. Miller, Jr., Vice President Research, Vice President Research, Sept 30, 1995.

DEATHS

Danilo Aguzzi-Barbagli, Professor Emeritus, Department of Hispanic and Italian Studies, August 1995

Ronald F. Jarman, Professor, Department of Educational Psychology and Special Education, August 29, 1995.

Vladimir J. Okulich, Dean Emeritus, Faculty of Science, Aug 31, 1995.



Stephen Forgacs photo

Birds Of A Feather

Members of UBC's Board of Governors and other members of the UBC community check out the equipment in the new fitness facility in the recently opened Student Recreation Centre. Present were (back row, l-r) Harold Kalke; Tong Louie; Shirley Chan; William Cullen; Chair Barbara Crompton; Michael Partridge; Marion York; Intramurals co-ordinator Nestor Korchinsky; Tom Berger; Dan Birch, vice-president, Academic and Provost; Sonya Lumholz-Smith, campus recreation co-ordinator; (front row, l-r) Heather Hermant; Michael Hughes; Maria Klawe, vice-president, Student and Academic Services; and Nina Robinson, secretary to the Board.

Calendar

November 5 through November 18

Green College Speaker Series

Through Canada With A Kodak. Marjorie Harper. Lecturer in History, U. of Aberdeen. Green College recreation lounge, 7:30-9pm. Call 822-6067.

Wednesday, Nov. 15

Seminar

On The Margins Of Marginality: Low Income Single Mothers In Search Of Shelter In Guadalajara, Mexico. Faranak MirafTAB, Killam Postdoctorate, School of Community and Regional Planning, Centre for Human Settlements. Centre for Research In Women's Studies and Gender Relations, 3:30-5pm. Free. Call 822-9171.

Microbiology and Immunology Seminar Series

The Molecular Pathogenesis of Aeromonas Salmonicida. The Causative Of Fish Furunculosis. Dr. Bill Kay, Dept. of Biochemistry and Microbiology, U of Victoria. Wesbrook 201, 12-1:30pm. Call 822-3308.

Ecology Seminar

Intraspecific Genetic Variation Revealed In Interspecific Hybrids. Michael Wade, Biology, U. of Chicago. Family/Nutritional Sciences 60, 4:30pm. Host, Dr. Judy Myers. Refreshments Hut B8, 4:10pm. Call 822-3957.

Scholarly Colloquia

Doctoral Programs In The United Kingdom. Wendy Hall and Angela Henderson, School of Nursing. Vancouver Hosp/HSC, T206, 4:30-5:30. Free. Call 822-7453.

Green College Writer-in-Residence

"Gender In Theatre: Writing Women Characters. Writing For Women Actors. Writing About Women's Issues And Contemporary Women Playwrights. Sue Ashby, English playwright. Green College recreation lounge, 7:30-9:30pm. Call 822-6067.

Department of Geography Colloquium

The Pinotubo Eruption And Climate: An Investigation Using A General Circulation Model. Lionel Pandolfo, Oceanography. Geography 201, 3:30pm. Refreshments. Call 822-4929.

Opera Panel Discussion

Mozart's Cosi Fan Tutte. Susan Bennett, Vancouver Opera, Floyd St. Clair, French, John Mitchell, Vancouver Opera and Andrew Busza, English. Buchanan Penthouse, 12:30pm. Call 822-4060.

Senate

The Third Regular Meeting Of The Senate, UBC's Academic Parliament. Curtis 102, 8pm. Call 822-2951.

Noon Hour Concert

The Yaletown String Quartet. Music recital hall, 12:30pm. \$2.50 at the door. Call 822-5574.

Theatre Performance

The Importance Of Being Earnest by Oscar Wilde. Until Nov. 25. Frederic Wood Theatre, 8pm. Three play season tickets still available. Preview Wed. 2 for \$12. For reservations and ticket information call 822-2678 or 822-3880.

Orthopaedics Grand Rounds

Non-Operative Management of Tibial Fractures. Dr. Piotr Blachut. Eye Care Centre auditorium, 7am. Call 875-4272.

Thursday, Nov. 16

Critical Issues in Global Development Seminar

Computer Technology And Multimedia: A Tool For Third World Development? A Case Study In Nepal. Dr. Hans Schreier, Depts. of Soil Science and Resource Management and Environmental Studies. Green College recreation lounge, 8-10pm. Call 822-6067.

Genetics Graduate Program Seminar

High Fluorescence Mutants Of Arabidopsis—Tools For Studying Nuclear Control Of Chloroplast Gene Expression. Dr. Beverley Green, Dept. of Botany. Wesbrook 201, 4:30pm. Call 822-8764.

Earth Sciences Seminar

The Canadian Concept For High-Level Nuclear Fuel Disposal: The Process And Some Earth Science Aspects. Susan Kieffer and Leslie Smith, Dept. of Geological Sciences. Geological Sciences 330A, 12:30pm. Refreshments and discussion follow. Call 822-2267.

Medieval and Renaissance Lecture

Varieties Of Codes In Early Medieval Latin Writings. Michael W. Herren, Humanities, Atkinson College, York U. Green College small dining room, 8-10pm. Call 822-6067.

Students for Forestry Awareness Speaker Series

How Many Female Senior Executives Does It Take To Put In A B.C. Forest Industry Light Bulb? Linda Coady, VP Environmental Affairs, MacMillan Bloedel Ltd. MacMillan 166, 12:30pm. Call 274-4730.

Colloquia

Identifying And Addressing Conceptual Difficulties In Physics. Lillian McDermott, U. of Washington. Hennings 201, 4pm. Call 822-3853.

CICSR Faculty Forum

Broadband Ultrasound Localized Waves For Medical Imaging. Dr. Matthew Palmer, Electrical Engineering. CICSR/CS 208, 4-5pm. Refreshments. Free. Call 822-6894.

Board of Governors Meeting

Open session begins at 9am. Old Administration Bldg. Board and Senate Room, 6328 Memorial Road.

Hort Club

Sustainable Agriculture. MacMillan 318, 1:30-2:20pm. Members and non-members welcome. Call 822-0894.

Concert

Hindemith Celebration. Concert by graduate students marking 100th anniversary of composer's birth. Music recital hall, 8pm. Free. Call 822-3113.

Friday, Nov. 17

Weekly Seminar

Enhanced Sulphur Capture For Environmental Protection. Dr. Clive Brereton, Dept. of Chemical Engineering. ChemEng 206, 3:30pm. Call 822-3238.

Theoretical Chemistry Seminar

Steady State Model For Ruptures In An Elastic Medium: A Toy Model For Earthquakes. Dr. B. Bergersen, Dept. of Physics. Chemistry D402 (centre block), 4pm. Call 822-3266.

Occupational Hygiene Program Seminar

The Scientific Basis Of Standard Setting: The Non-Proposed US Osha Ergonomic Standard.

Barbara Silverstein, PhD, Director, SHARP Program, Washington State Dept. of Labor and Industries. Vancouver Hosp/HSC. Koerner Theatre G279, 12:30-1:30pm. Free. Call 822-9595.

Wood Science Seminar Series

TBA. Yu (Lucy) Zheng (Msc candidate). Paprican, 4pm. Call 222-3220.

Seminar

Ecological Consequence Of Shell-Fish Gathering At The Rocky Shores In Chile. Dr. Carlos Moreno, Universidad Austral de Chile. Fisheries Centre (Hut B8), Ralf Yorke room, 11:30-12:30pm. Call 822-0618.

Graduate Colloquium Series

John Dowland's Melancholy Genius. Nathaniel Hurvitz, School of Music. Music Library Seminar Room 400B, 3:30pm. Free. Open to public. Call 822-3588.

Leon and Thea Koerner Lecture

Old Wives' Tales: Classicism And Anti-Classicism From Apuleius To Chaucer. Prof. Jan Ziolkowski, Comparative Literature, Harvard U. Keynote speaker for 25th Medieval Workshop. Buchanan A102, 12:30pm. Call 822-5122.

Leon and Thea Koerner Memorial Lecture

Thirty Years Of Underwater Archaeology In The Canadian Parks Service. Robert Grenier, Head, Underwater Archaeology Parks Canada, Ottawa. Lasserre 102, 12:30pm. Call 822-5675.

Mathematics Colloquium

An Introduction To The Inverse Problem In The Calculus Of Variations. Dr. N. Kamran, Dept. of Mathematics and Statistics, McGill U. Mathematics 104, 3:35 pm. Refreshments 3:15pm Math Annex, 1115. Call 822-2666.

Grand Rounds

The Practical Approach To Diagnosis And Treatment Of Metabolic Diseases. Dr. Susan Winter, Medical Director of Medical Genetics Metabolism, Valley Children's Hospital, Fresno, Ca. GF Strong auditorium, 9am. Call 875-2307.

Psychotherapy Workshop

Dialectical Behavioural Therapy Of Borderline Personality Disorder. Hubert E. Armstrong, Assoc. Prof., U. of Washington. Hyatt Regency Hotel, 655 Burrard St., Vancouver V6C 2R7, 12:30pm. \$80. Call 822-0574.

Theatre Workshop

Workshop With Full Circle First Nations Performance Society. MOA, 7-10pm. Cont. Nov. 18, 10am-4pm. \$75 general; \$60 members/students/seniors. Call 822-5087.

Saturday, Nov. 18

Vancouver Institute Lecture

Red Bay: A 16th Century Basque Seafaring, Shipbuilding And Whaling Site In Labrador. Robert Grenier, Head, Underwater Archaeology Parks Canada, Ottawa. IRC#2, 8:15pm. Call 822-3131.

Continuing Studies Workshop

Interior Design: Colour Workshop. Elizabeth Hawkins, Family/Nutritional Sciences 40, 9:30am-3:30pm. Cost is \$140, includes lunch. Call 822-1450.

Performance

Full Circle First Nations Society "Work-In-Progress". MOA, 8-10pm. \$12 general; \$10 members/students/seniors. Call 822-5087.

Notices

Art Gallery

The Morris and Helen Belkin Art Gallery hours are Tuesday - Friday 10am-5pm and Saturday, 12-5pm. 1825 Main Mall. Call 822-2759.

Badminton Drop-In

Faculty/Staff/Grad Students are welcome to join the fun at the Student Recreation Centre. Wednesdays and Fridays, 6:45-8:15pm now through March 1996. Bring your library card. Check for cancellations: jratkay@unixg.ubc.ca or call 822-6000.

LEON AND THEA KOERNER MEMORIAL LECTURES

ROBERT GRENIER

Head, Underwater Archaeology
PARKS CANADA, OTTAWA

Shipwrecks of Louisburg, Cape Breton Island

Thursday, November 16 at 7:30 PM Admission \$7
Vancouver Museum Auditorium, 1100 Chestnut Street

30 Years of Underwater Archaeology in the Canadian Parks Service

Friday, November 17 at 12:30 PM
in Lasserre 102

Red Bay: A 16th century Basque Seafaring, Shipbuilding and Whaling Site in Labrador

Vancouver Institute, Saturday, November 18 at 8:15 PM
in Woodward Instructional Resources Centre, Hall 2



THE UNIVERSITY OF BRITISH COLUMBIA

Faculty of Pharmaceutical Sciences Dean

The University of British Columbia invites applications for the position of Dean of the Faculty of Pharmaceutical Sciences. The preferred starting date is July 1, 1996.

The successful candidate will be a recognised scholar with proven administrative/financial ability and will have demonstrated a dedication to excellence in teaching and research. He or she will provide dynamic leadership within the faculty, the university and the profession.

The Faculty of Pharmaceutical Sciences has a strong and diverse research program and offers courses leading to the degrees of BSc (Pharm.), MSc, PharmD and PhD. Its major activities are conducted at the Point Grey Campus of the University, in affiliated hospitals (hospital pharmacy residency programs) and within the profession (community clerkships).

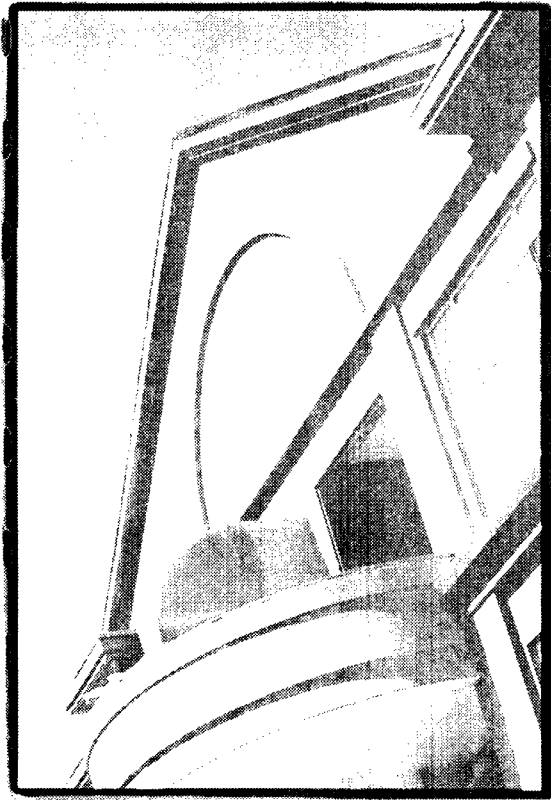
The appointment is for a term of six years and is renewable.

Applications and nominations should be sent by December 15, 1995 to:

Dr. Daniel R. Birch
Academic Vice-President and Provost
University of British Columbia
6328 Memorial Road
Vancouver, B.C.
V6T 1Z2

The search for a new Dean of the Faculty of Pharmaceutical Sciences is limited to candidates internal to the University of British Columbia.

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- International Diabetic Athletic Association
- Vth COMTOX Symposium
- ACM Symposium on Computational Geometry
- Joint Map Conference
- Society for Psychotherapy Research
- International Association for Germanic Studies
- Pediatric Laboratory Medicine Congress
- American Association for the Advancement of Science
- BCTF Summer Conference
- International Symposium on Radiation Chemistry
- Canadian Council for Refugees
- World Valuation Congress VI
- Society of Chinese Bioscientists in America

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T-bird notes

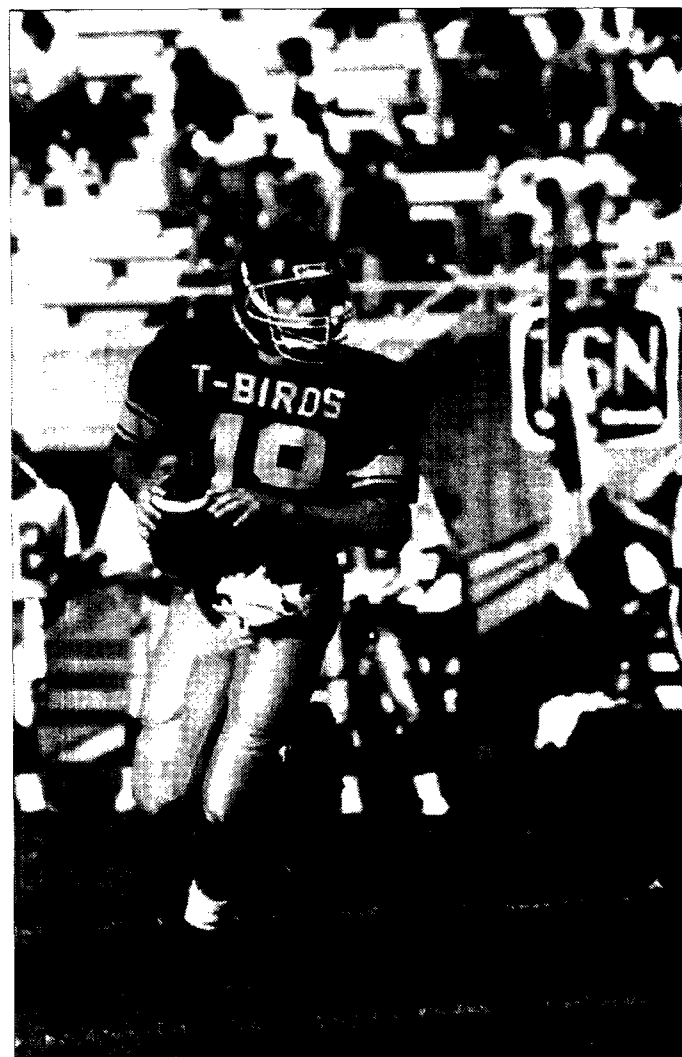
by Don Wells
Thunderbird Athletics

T-birds in fall trophy hunt

As the end of the regular season schedule approaches for fall sports, university athletic departments nationwide are bracing themselves for the fever of another championship season. In total, 92 teams from the 47-member Canadian Interuniversity Athletic Union (CIAU) will compete for 17 conference championships and six national crowns between now and Nov. 25.

Top honours in men's and women's soccer, cross country and women's field hockey are at stake as well as football's coveted Vanier Cup. The national, televised CIAU final, played before crowds of up to 33,000 at Toronto's SkyDome, annually signals the end of the fall schedule of varsity competition, which this year involved 2,700 student athletes from Victoria to St. John's.

Speaking of football, UBC Head Coach **Casey Smith** certainly wishes that coming close counted in more than just horseshoes. The first year 'bird boss did a superb job of rebuilding the team following a disastrous 1-8-1 season last year, however, the Thunderbirds were out-scored by a mere 15 points in their last four league games after getting off to an encouraging 3-1 start. The difference between the best and the also-rans is again a hair's breadth in the Canada West University Athletics Association conference and only a minor miracle will see UBC



Rainbow

on the road to SkyDome despite close encounters with Vanier Cup contenders Saskatchewan and Calgary and a convincing 29-7 win over SFU in the annual Shrum Bowl.

Graduating UBC quarterback **Adrian Rainbow's** swan song may be more like a symphony as he continues to be the national leader in all passing categories. His favourite targets so far have been CIAU top-10 receivers **Grayson Shillingford, Simon Beckow**

and national scoring leader **Andrew English**. The T-Birds finish up their schedule with a 2 p.m. kick-off Nov. 4 against Saskatchewan at Thunderbird Stadium.

Women's Field Hockey Coach **Hash Kanjee** has been named the 1995 Canada West Coach of the Year following a brilliant undefeated season which culminated in a conference championship Oct. 22 in Victoria. Five UBC players, **Ayra Davy, Juhli and Jacqollyne Morrisson, Ann Harada and Laura Prellwitz** were named to the Canada West All-star team. The T-Birds will be in Toronto Nov. 2-5 for a run at their sixth CIAU crown in 18 years.

UBC's men's and women's soccer teams, traditionally the most dominant contenders for national championships in any given year, were still in the thick of the play-off race at publication deadline, though **Dick Mosher's** men's team has struggled in the 1995 campaign and will be hard-pressed to repeat as CIAU champs. The women's team, however, appear to have all but clinched first place and home field advantage in the conference final Nov. 5.

UBC's men's and women's cross-country teams edged Victoria Vikes in a dual meet Oct. 21 to determine the Canada West representative at the national championships Nov. 11 at the University of Western Ontario. **Kristine Chambers** took top spot in the women's division while **Zeba Crook** paced the men's side with a third place finish.



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Woodward IRC Building, Room B32, 2194 Health Sciences Mall
Vancouver, B.C. V6T 1Z3

News Digest

The Faculty of Medicine has established a committee to review UBC's Student Health Services (SHS).

The committee, chaired by Dr. Carol Herbert, head of the Family Practice Dept., will examine the mission of SHS, the quality and scope of the service it provides, the measures used to assess quality of service and cost effectiveness, and the unit's staffing, management and operational structure.

The review will also identify the key challenges facing the SHS, recommend action to enhance the strengths of the unit and comment on how it compares with others with a similar mandate.

Students with an interest in SHS are invited to an open meeting with the review committee on Nov. 2 from 1:30 to 2:20 p.m. in IRC lecture hall 3.

•••••

UBC has become an official chapter of the Sigma Xi Society after 20 years of club status.

Founded in 1886, the scientific research society fosters interaction among science, technology and society; encourages appreciation and support of original work in science and technology; and honours scientific research accomplishments.

The Sigma Xi Society has 500 chapters and clubs across North America and approximately 100,000 active members, including more than 150 Nobel laureates.

The society's major activities include sponsorship of grants, awards and prizes programs, publication of American Scientist magazine and the presentation of national workshops and lectures.

For its first event as a chapter, UBC's Sigma Xi Society will present *The Intelligence of Dogs*, a lecture by Psychology Prof. Stanley Coren, on Nov. 6 at 4:30 p.m. in room 37 of the Friedman Building, 2177 Westbrook Mall. For more information, call 266-5879.

•••••

The official opening of St. Andrew's Hall, a new student residence on campus, was marked with a ribbon-cutting ceremony on Sept. 30.

A complex of three residential houses located on Iona Drive between the Vancouver School of Theology and the Faculty of Law, St. Andrew's Hall will house 200 students. In addition to studio apartments and one- and two-bedroom suites, three- and four-bedroom townhomes are available to students with families.

Several units have been designed to accommodate students in wheelchairs.

The residence was developed by St. Andrew's Hall, the theological college of the Presbyterian Church of Canada located on campus, which also lends its name to the facility. The college recently launched a \$1-million appeal to raise the final portion of the \$7.5 million cost of the project.

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The First Nations House of Learning has won a Canadian Society of Landscape Architects Regional Citation award.

The award, presented to landscape architects Christopher Phillips and Associates of Vancouver, recognizes a superior degree of professional accomplishment with respect to design and implementation.

Landscape around the Longhouse uses many tree, shrub and flower species native to British Columbia, and includes a naturalistic waterfall.

•••••

Elektra Women's Choir has been invited to represent Canada at the World Symposium on Choral Music in Sydney, Australia in August 1996.

The 40-member choir, half of which is made up of UBC graduates, was selected as the only Canadian representative at the symposium. The triennial gathering of professional choral conductors from 70 countries is sponsored by the International Federation for Choral Music, under the auspices of UNESCO.

Elektra, co-directed by UBC alumni Diane Loomer and Morna Edmundson, will give a world premier performance of *Stabat Mater* at St. John's Shaughnessy at 8 p.m., Friday, Nov. 17. The piece is composed by another UBC alumna, Ramona Luegen.

•••••

UBC's Parking and Security Services has introduced free evening parking on campus, effective immediately.

Complimentary parking is available Monday to Friday after 5 p.m. at campus meters and in most faculty and staff surface lots. No special permits are needed.

Fees are still in effect on weekends until 5 p.m. and seven days a week at staffed locations which include all parkades and B lots.

The move makes UBC's evening parking policy consistent with that of most municipalities in the Lower Mainland.

•••••

Senate approved the merger of the Dept. of Geological Sciences and Oceanography with the Geophysics section of Geophysics and Astronomy to form the Dept. of Earth and Ocean Sciences.

Astronomy will merge with the Physics Dept. to form the Dept. of Physics and Astronomy.

The mergers follow Senate requirements for minimum department size while also bringing together related disciplines.

Classified

The classified advertising rate is \$15.75 for 35 words or less. Each additional word is 50 cents. Rate includes GST. Ads must be submitted in writing 10 days before publication date to the UBC Public Affairs Office, 310 - 6251 Cecil Green Park Road, Vancouver B.C., V6T 1Z1, accompanied by payment in cash, cheque (made out to UBC Reports) or internal requisition. Advertising enquiries: 822-3131.

The deadline for the November 16, 1995 issue of UBC Reports is noon, November 7.

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CHARACTERHOME 4448 West 4th Avenue. California craftsman home on a 33x122 property. Hardwood floors. Some view. Priced to sell \$438,000. Call Spice Lucks, Dexter Properties 228-9339.

Accommodation

POINT GREY GUEST HOUSE A perfect spot to reserve accommodation for guest lecturers or other university members who visit throughout the year. Close to UBC and other Vancouver attractions, a tasteful representation of our city and of UBC. 4103 W. 10th Ave., Vancouver, BC. V6R 2H2. Phone or fax (604) 222-4104.

TINA'S GUEST HOUSE Elegant accom. in Pt. Grey area. Minutes to UBC. On main bus routes. Close to shops and restaurants. Inc. TV, tea and coffee making, private phone/fridge. Weekly rates available. Tel: 222-3461. Fax: 222-9279.

GREEN COLLEGE GUEST HOUSE Five suites available for academic visitors to UBC only. Guests dine with residents and enjoy college life. Daily rate \$50, plus \$13/day for meals Sun.-Thurs. Call 822-8660 for more information and availability.

ONE BEDROOM APARTMENT for rent at Hampton Place. Quiet, courtyard-facing, 720 sq. ft. Complex equipped with exercise room, jacuzzi, sauna, lounge and guest suites. Rent \$990/m. Move-in date Dec. 1. Call 222-4496.

Accommodation

HOUSE FOR RENT, fully furnished, 1 January to 30 June, 1996. Dunbar area, very quiet location, 7 mins. to UBC by car. 2 bedroom plus study. Non smokers. \$1300. p.m. Phone 263-4780 after 6pm.

COSY CEDAR GUEST COTTAGE UBC endowment lands/Spanish Banks Beach. Offers a peaceful alternative for Vancouver visitors. Furnished with charm, equipped kitchen, linens, laundry, 1 bedroom plus study. On beautiful one acre natural forest setting. NS. 222-0060.

Housing Wanted

NORTH COAST PROFESSOR seeks sublet or shared accommodation over Christmas in Kitsilano, 14 December - 4 January inclusive. David (604) 624-6054 ext. 5729.

VISITING PROFESSOR REQUIRES furnished accommodation for 3 months, January to March 1996, preferably 1 or 2 bedroom apartment. Flexible on dates, location. No children or pets. Phone (403) 434-1398 or Fax (403) 492-2881.

CHRISTMAS SUBLET or housesit near UBC wanted. Two UCLA doctoral students: approx. Dec. 16 to Jan. 1; garage for wheelchair. Contact Dennis Sexsmith, 801 Hilgard Ave., Los Angeles, CA 90024. (310) 794-3279; message (310) 825-3691.

UBC FACULTY MEMBER, wife, son and poodle seek short-term furnished accommodation in West Side Vancouver from December 1, 1995. N.S. References available. Tel. 261-1076.

ONTARIO SABBATICAL FAMILY seeking 3-4 BR, furnished home. Kitsilano to UBC area. Approx. Jan 1 - July 31/96. Contact E. Gross (519) 823-1738. M. Sobol sobol@psyadm.css.uoguelph.ca

SABBATICAL ACCOM. REQUIRED. University of Waterloo Stats Prof., wife, student daughter and dog wish housing nr. UBC for 12-15 months in period June 96 to August 97 flexible. Contact Rob Brown, fax (519) 746-1875. E-mail rlbrown@jeeves.uwaterloo.ca

House Exchange

EXCHANGE. Near GUELPH, WILFRED LAURIER, WATERLOO. Furnished house: BR, studio and piano room. Private yard. For two-bedroom house, West Side or Skyway. Non-smoking couple, quiet dog, two cars. November 1 nine months. Phone: 519-846-8162 Fax: 519-846-0697.

Next ad deadline:
Noon, Tuesday, Nov. 7



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People

by staff writers

John Grace, professor of Chemical Engineering and dean of the Faculty of Graduate Studies, has received the premier prize of the Canadian Society for Chemical Engineering, the R.S. Jane Memorial Lecture Award.

The award, for outstanding contributions to chemical engineering, consists of a \$3,000 cash prize and a scroll. Grace has been a faculty member at UBC since 1979, serving as department head and, since 1990, as dean of Graduate Studies.

He was presented with the award at the society's 45th annual conference, held in October in Quebec City.

Grace's research activities have focused on fluidized beds and other multi-phase systems.

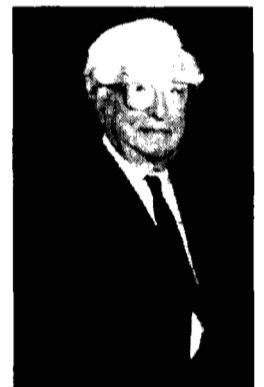
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George Curtis, founding dean of UBC's Faculty of Law, received the Order of British Columbia (OBC) last month as part of a special ceremony commemorating the faculty's 50th anniversary.

Curtis is one of 97 people to be inducted into the order since it was established in 1990. The OBC - the highest form of recognition the province extends to citizens - recognizes those "who have served with the greatest distinction and excelled in any field of endeavour benefitting the people of the Province or elsewhere."

Alumni Nathan Nemetz, former Chancellor Leslie Peterson and current Chancellor Robert Lee—each honoured the OBC in 1990—were among those who attended the ceremony at the downtown Law Courts.

In June, 16 British Columbians were invested with the OBC for 1995. Curtis' investiture was delayed to coincide with the faculty's anniversary celebrations. The OBC is the second honour bestowed on Curtis this year for his contributions to the field of law. He is also the 1995 recipient of the Ramon John Hnatyshyn Award for Law.



Curtis

Efficacy of drugs vs. therapy studied

Drugs are one way to deal with high blood pressure. Visiting a psychotherapist for stress management therapy is another.

UBC Psychologist Wolfgang Linden says the latter is particularly appealing to those who aren't getting relief from medication or who just don't want to take drugs any more. However, while stress management and other psychotherapy techniques have been researched, their exact effectiveness in the treatment of hypertension has yet to be determined.

"We're trying to properly evaluate what a good psychotherapist does in clinical practice, which has never been done before," said Linden. "People have been too preoccupied with studying the results of various individual techniques. However, technique and therapy are two different things."

It is generally assumed that stress causes hypertension, which is most commonly linked to high blood pressure.

Linden said the purpose of his study is to test how effective psychotherapy can be when clinicians give clients what they need versus what theory says they need. Rather than make assumptions about what stressors are causing a patient's blood pressure to shoot up, Linden suggests that people need individualized treatment to deduce what is bothering them first.

"Once the therapist talks to a client and understands what his or her particular situation is, then an individualized treatment program can be prescribed," he said. "It may seem like common sense but nobody has measured the effectiveness of this individualized approach."

An individual treatment program might include any combination of relaxation techniques, coping methods, problem-solving skills or marital therapy.

For his study, Linden will ask a group of people suffering from high blood pressure to wear a monitor to measure their blood pressure for 24 hours. Half the group will start receiving individualized psychotherapy treatment immediately. Three months later, their condition will be compared to those who didn't receive treatment.

Linden said everyone who participates in the study will be offered treatment. He added that the study is open to anybody whether on medication or not.

More than five million Canadians have been diagnosed with the normally symptomless condition of hypertension. If left untreated, hypertension can greatly increase the likelihood of kidney failure, stroke and heart attack.

For more information about the study call Andrea Con at 822-3800.

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Profile

Working with the wildebeest

Tony Sinclair hopes understanding biodiversity will help lead to its conservation

by Gavin Wilson

Staff writer

For the past 30 years, the semi-arid plains of the Serengeti have been a natural laboratory for Zoology Prof. Tony Sinclair.

Located in Tanzania near the Kenyan border, the Serengeti is home to an extraordinary diversity of mammals, birds and insects — and to the greatest herds of animals on the face of the earth.

Sinclair has dedicated his professional life to discovering how this ecosystem works. His research team monitors populations of large mammals to see what regulates their numbers and how different species relate to each other.

The awe and respect Sinclair has for the Serengeti is clear when he shows a visitor a photo of wildebeest herds stretching to the horizon on a golden plain.

"Imagine this all around you. Once I traveled 80 kilometres through a wildebeest herd like that, and I still hadn't reached the end of them."

"If I devoted my life to anything, this is the place to do it"

A New Zealander, Sinclair was born and raised in Northern Rhodesia (now Zambia) and later moved to Dar es Salaam, on Tanzania's Indian Ocean coast. His parents sent him to boarding school in England to be educated, but the lure of Africa and its natural wonders remained strong.

"From an early age I wanted to get involved in the study of animals and what we now call ecology.

"In my first week as an undergraduate at Oxford I heard of a professor who had an African project. I went up to him and said, 'How do I get to Africa to work?'"

"He was completely taken aback by this. Here I was, a student who was barely there a week. He blurted out 'You can come as my assistant in two years' time.'

"I never let him forget that he'd said that."

That is how Sinclair found himself doing research in Africa after his



Tony Sinclair slogs his way to study population dynamics of species in the Yukon.

second year of university, dropped off in the Serengeti one bright and dusty day and left to fend for himself.

"I could speak Swahili," he now shrugs. "I knew how to cope."

But in a few years Sinclair had a young family, and decided there were better places to raise children. He took a job in Australia studying water buffalo in the Northern Territory.

Fate soon intervened on that decision. A cyclone struck on Christmas Day, 1974, devastating the city of Darwin. Like thousands of other families, the Sinclairs lost everything. Unsure of their future, they joined a convoy of refugees in a remarkable 5,000-kilometre trek across the Outback, much of it on dirt roads, to Canberra.

"It was clear that after the cyclone I had no job left, but by sheer luck I had a job offer from UBC just before Christmas," Sinclair says.

He hand-wrote the application by candlelight as he was bedding down for the night under one of the convoy's trucks.

Zoology Prof. Charles Krebs, then head of the search committee, remembers it as one of the strangest job applications he has ever received. That began a research association that continues to this day.

Sinclair is a member of multi-university team headed by Krebs that looks at long-term population dynamics of snowshoe hares, lynx and other animals in the Yukon.

Sinclair has also kept his Australian connections, and is currently on a year-long sabbatical there.

Australia's major ecological problem is introduced species, such as the fox, which is exterminating small marsupials that cannot fend off such efficient and fast predators.

Sinclair is advising on a government project that uses a virus to sterilize wild rabbits, another introduced species that is the main source of food for foxes.

But the Serengeti remains Sinclair's major interest. He has returned there every year since joining UBC in 1975, monitoring a phenomenon that has its roots in British colonialism a hundred years before.

The British brought a cattle virus to East Africa in the 19th century that killed off 95 per cent of the cattle, buffalo and wildebeest. This also, Sinclair points out, left the local people who depended on them starving and destitute, and an easy conquest for the invaders.

It was not until the 1950s, when the Serengeti was surrounded by inoculated domestic cattle, that the virus died out.

This prompted a population boom for the wildebeest, one that Sinclair first witnessed when he began his research as an undergraduate.

"This made for an ideal laboratory for the study of population dynamics, because you have to have an alteration in a system to understand how it works.

"You can't do it yourself, you have to wait until it happens naturally. We had the good luck to be there when it did."

As the wildebeest numbers soared five-fold to more than 1.5 million, Sinclair and his colleagues were able to monitor the repercussions throughout the entire ecosystem — from grasses to elephants.

They came to realize that the entire system is dominated by this megaherd, that the wildebeest is the key-stone of the Serengeti.

A recently-published book, his second on the Serengeti, summarizes the past three decades of Sinclair's work.

Now he is preparing to pass the torch to Tanzanians, such as his doctoral student Simon Mduma, as he turns his attention to a new project — the proposed Centre for Biodiversity at UBC.

Sinclair envisions a centre that will provide intellectual leadership for the international conservation community, producing research that will lead to better protection for threatened ecosystems.

If the centre does what Sinclair hopes it will, perhaps places like the Serengeti will be something future generations can marvel at, not mourn.