



## Low-cost housing created for faculty, staff

By GAVIN WILSON

UBC has opened the first housing units built by the university to help attract newly recruited faculty, librarians, and management and professional staff.

Funded through a low-interest loan from the Government of B.C., the project includes 115 apartments in two low-rise buildings, as well as a daycare centre. Total cost of construction was under \$7 million.

The UBC Real Estate Corp. provided project management and planning and construction of the project, which will operate without ongoing subsidies from the university.

The new rental housing project will help UBC attract new faculty and staff members who are moving to Vancouver to accept positions at the university but find the cost of housing prohibitive.

Rents, which range from \$589 to \$993, are below market levels in the adjacent communities and include utilities.

The two new buildings are located between Acadia and Melfa roads, adjacent to the student family housing area known as Acadia Park and close to community services.

The two buildings, one two storeys and the other four storeys, include 56 one-bedroom units, 11 one-bedroom plus den units, 40 two-bedroom units and eight three-bedroom units. Several of the units have been designed for wheelchair access.

Consideration was given to the needs of families and the needs of faculty members wishing to live within walking distance of their jobs.

In order to ensure that some units remain available to newly recruited faculty and staff, the length of tenancy will be a maximum of one to three years.

While student housing is commonplace on university campuses, this marks the first time UBC has constructed housing for its faculty and staff.



Photo by Charles Ker

Haida artist Don Yeomans carves the end of one of two 19-metre red cedar logs which will support the copper roof of UBC's First Nations Longhouse. The carvings, (inset) each about three metres long, depict the head of a sea lion and a killer whale.

## Students win science award

By GAVIN WILSON

UBC science students May Chiao and Tara Young met in math class last year and, says Chiao, became "really good friends." Now they've got something else in common.

Both are among 35 female university students from across Canada who have won the National Research Council's Training Program for Women in Science and Engineering.

Chiao, who plans to specialize in biophysics, and Young, who will major in microbiology, were chosen for the program from among 253 first-



Photo by Media Services

Tara Young, left, and May Chiao were among 35 winners in Canada.

year female science students pre-selected from 51 universities.

The NRC will provide financial assistance and career-related training for the program participants, all of whom are high academic achievers and have demonstrated an interest in pursuing careers in scientific and engineering research.

Both Chiao and Young credit exceptional teachers for spurring their interest in science.

Young's Grade 12 biology teacher was a big influence, inspiring her to score the highest grade on a province-wide scholarship exam.

Chiao said she was motivated by an eighth grade science teacher.

"That's when I realized you could go somewhere with a career in science," she said. "It's important to have someone like that — a mentor."

Women are significantly underrepresented in most scientific and engineering disciplines, said Judith Myers, associate dean, women in science. Increasing the participation of women in these fields will assist Canada in dealing with its shortage of qualified research expertise, she said.

"In addition, the presence of these bright, enthusiastic students will alert NRC laboratories to the talent of women scientists. These awards signal a new era for women in science," said Myers.

## Record number of women in Engineering

More women have registered in first-year engineering courses this September than ever before.

Twenty per cent of new students entering the engineering program this academic year are female, up from 15 per cent last year and 11 per cent the year before, said Sidney Mindess, director of the Engineering Core program.

"The participation rate of women in engineering is on the increase at UBC," he said, adding that the national average prior to this year was between 13 and 15 per cent.

Ninety-three women have registered in first-year engineering and four more are in the process of regis-

tering, Mindess said. There were 70 women students in first-year engineering in 1990/91.

There are now more than 200 women students enrolled in undergraduate-level engineering at UBC, out of a total of about 1,900 students.

This year there were about 2,000 applications for the 450 places available to first year engineering students. As a result, Mindess said, engineering had the highest grade point average for admission on campus, at 3.55.

"We're getting extremely able students," he said.

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Both Chiao and Young have interests outside science. Young is a highly talented pianist, who recently won the Royal Conservatory of Toronto's gold medal in piano performance for the highest mark in Canada. Chiao has a knack for languages, and is fluent in Mandarin, reads French and is interested in Arabic and Greek. She also designs her own clothes.

The UBC pair and other participants will remain in the program for three years, provided they continue to meet eligibility requirements, and will receive grants of \$10,000 in the

first year, \$12,000 in the second year and \$15,000 in the third year. A minimum of 25 new students will be added to the program each year.

The selected women will also work for at least four months each year in a National Research Council laboratory or with an NRC partner.

Next summer, Chiao will work at the Institute of Biological Sciences in Ottawa and Young at the Biotechnology Research Institute in Montreal. Both are NRC laboratories and, the two friends note, close enough that they can stay in touch.

### Inside

**GLOBAL MARKET: Commerce Dean Michael Goldberg believes students must be prepared to compete on a global stage. Page 2**

**URBAN CRISIS: An expert on urban housing heads up the Centre for Human Settlements. Profile, page 3**

**PLEASE FEED THE SQUIRRELS: A UBC researcher has come up with a solution to a gnawing problem. Page 6**

# UBC Commerce leading the country in research: Goldberg

By ABE HEFTER

The new dean of the Faculty of Commerce and Business Administration says students who enter the faculty will be armed with fundamentals that will make them winners in the ever-expanding global business market.

"Our goal is to equip people with practical knowledge and an approach to learning which will last for the rest of their lives," said Michael Goldberg. "At the same time, we are equipping them with a reasonably durable set of ideas which should be relevant in the business world over the next decade."

Goldberg said the business world has changed dramatically in the last 10 years and the faculty has to change along with it.

"We must determine management's needs heading into the 21st century," said Goldberg. "In fact, we have to anticipate change so we can prepare future managers for it," he added.

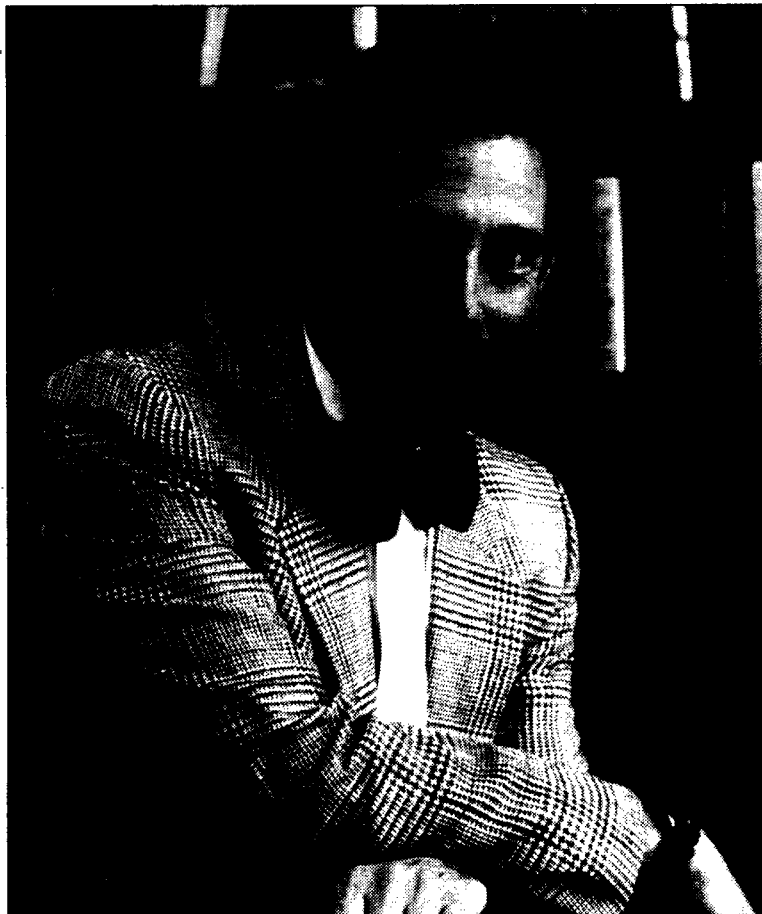
Goldberg will not simply oversee the faculty from his seventh-floor office in the Angus Building. He stressed that his sorties outside the campus community will be as important as his work inside the faculty and university.

As executive director of International Financial Centre Vancouver, a non-profit, provincially chartered society that promotes Vancouver as an international financial centre, Goldberg spent much of the last three years in airports. Now, 800,000 kilometres later, he plans to nurture the business contacts he's made, locally, nationally and internationally, and build on those ties.

"There is no question that we are the dominant research business school in the country," he added. "Unfortunately, that's not well known among students, taxpayers, or Bay Street — the heart of eastern Canada's business community."

Toward this end, Goldberg said he plans to spend a good deal of time on the road in the future.

"I want the international economic community to realize that we've got



Dean Michael Goldberg seeks high profile abroad for UBC.

a business school that is among the top two dozen in North America in terms of research. If I can do that in my six years as dean, and put the faculty on financial footing so we can hire the best people and continue our research, then I'll have done my job."

But he won't be going at it alone. Goldberg, who began his six-year term on July 1, has appointed Professor Peter Frost as associate dean. Along with Associate Dean Donald Wehrung, they will continue the job started by Goldberg's predecessor, Peter Lusztig.

"Peter Lusztig spent the last 14 years putting together the finest business school in this country," said Goldberg. "Thanks to his efforts, this faculty is number one in Canada in terms of research. And thanks to his vision, UBC's business school is globally competitive. I've got some

pretty big shoes to fill, but with Donald and Peter to help, we can maintain Peter Lusztig's tradition of academic excellence and share it with the external community."

What will be crucial for the entire faculty, according to Goldberg, will be its ability to teach students better social skills and the realization that the world isn't just an accounting problem.

"There are no neat little packages here," said Goldberg. "Success has many dimensions. Canada needs well-rounded business graduates who have specific skills to contribute but can appreciate the big picture as well, and how all the parts fit together. These people will always have jobs.

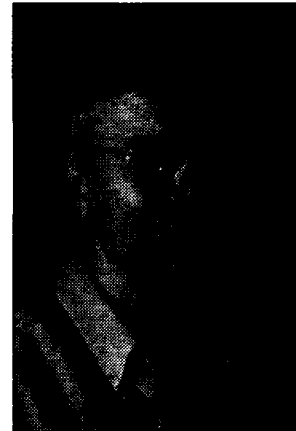
These are the kinds of people Canada needs to compete internationally and that's where this university comes in."

## Frost named associate dean

By ABE HEFTER

One of Canada's most respected academics has moved from educator to administrator.

Peter Frost, who, in 1989, was named professor of the year in Canada by the Council for Advancement and Support of Education, has been named associate dean, faculty development, for the Faculty of Commerce and Business Administration.



Frost

Frost will be responsible for developing programs that will enhance the research and teaching activities of the faculty.

"Commerce has never had an associate dean responsible for faculty development," he said. "As a result, there is no blueprint to follow. The initiatives I take will be based on the input I get from Dean Michael Goldberg, the other associate deans, the faculty members, as well as my own ideas. This will clearly be a team effort."

Frost, named to the Edgar F. Kaiser Jr. Chair in Organizational Behavior in 1988, will apply his skills in the areas of leadership, organizational behavior and teaching effectiveness, on a new level.

"I didn't accept this position because of any administrative ambitions," explained Frost. "I took this job because I think it presents an interesting challenge and because the university felt the time was right to put faculty development into focus."

Frost said he wants to build on the faculty's high reputation

for scholarly research, while, at the same time, firmly establish the meaning and practice of outstanding creative professionalism in this faculty.

"They are both important parts of being a business school," said Frost. "We have to develop our research in ways that makes it accessible and useful to the outside worlds of business, labor and government."

Although Frost will leave classroom setting

for now, he said he will try to take the technology of teaching to a place where it is more widely shared in the faculty through workshops and seminars.

"One thing I'm looking at, that is being instituted at some other progressive business schools, is instituting a career development review program for faculty. It is not used to judge performance. Rather, it is a practice that is intended to help faculty, particularly, junior faculty members, to keep their careers on track and in focus."

Frost makes it clear that it is his intention to build on the strengths and the capabilities of the faculty.

"It's crucial for the entire faculty to buy into any programs and initiatives that come from this office. The challenge and the opportunity I see for myself, and for this role, is to create a process of faculty development that maintains and enhances what we do well in our research and teaching."

## World of Opportunity and United Way coincide

# Campaigns look to campus community



UBC's successful fundraising campaign, A World of Opportunity, is coming home.

The campaign has raised \$200 million to date — \$110 million from individual and corporate donors and \$90 million in matching funds from the provincial government. During the next year, the university is seeking \$30 million more in contributions. There is a wide range of prospective donors yet to be approached, including the campus community, as well as international donors, alumni, and private and

corporate donors who have indicated an interest in contributing, but have not yet done so.

"This will be a real hands-on campaign," said Law Professor Dennis Pavlich, volunteer chair of the campus campaign. "Donors will be able to contribute to projects not yet fully funded, such as the Institute of Asian Research, First Nations Longhouse, Centre for Research in Women's Studies and Gender Relations, the new Library Centre, as well as chairs and professorships."

Pavlich said employees may also contribute to projects created by various campus units.

"In this event, donations might support projects such as library acquisitions, scholarships, research projects and other initiatives. This is an opportunity for the entire campus to join together in a real sense of community. And, of course, each donation will be matched dollar for dollar by the provincial government."

To date, President David Strangway, the vice-presidents, associate vice-presidents and deans have had a 100 per cent participation rate.

They, along with other faculty and staff members, have contributed almost \$500,000 to the campus campaign.

"The World of Opportunity campaign has been remarkably successful," said Pavlich. "The introduction of the campus campaign provides us with another clear opportunity to commit ourselves to the development of our university, and to demonstrate this commitment to the outside community which has supported us so generously."

The campus campaign will be launched Sept. 17, at the same time as UBC's annual United Way appeal.

The 1990 UBC United Way drive saw a 27 per cent increase in employee donations, making the UBC campaign the largest in the non-profit sector, and the third largest in any sector in the Lower Mainland. In total, 1,622 UBC employees donated almost \$10,000 more than last year's goal of \$240,000. This year's target is set at \$280,000.

Dr. Bill Webber, associate vice-president, academic, will chair the university's 1991 United



United Way

Way campaign, with Nestor Korchinsky, director of Intramural Sports, as vice-chair.

"The United Way campaign allows the campus community to contribute to a wide range of programs throughout the Lower Mainland," said Webber.

He added that although a large number of volunteers from all sectors of the campus have already agreed to be actively involved, more are needed. Anyone wishing to help with the campus United Way campaign can call 822-4151.



Photo by Media Services

**Mount ease**

Steve Trofinas (left) and John MacArthur, auxiliary members of the RCMP university detachment, patrol the UBC campus on mountain bikes. Originating at UBC in 1987, the mountain bike patrol, now a nation-wide program, provides higher police visibility in areas that are difficult to access. The officers, who are uniformed and armed, have assisted with everything from locating missing children to capturing runaway horses and enforcing the liquor act. The mountain bike patrol operates on a required basis, day or night.

# Program aims at attracting women to Engineering

By GAVIN WILSON

The Faculty of Applied Science and the Women Students' Office are collaborating on a project designed to increase the enrolment of women in UBC engineering programs.

The year-long project aims to recruit talented and well-qualified female high school students, sensitize faculty and staff to women's issues and improve the learning environment in engineering classrooms.

"I think the time is right for a project like this," said Marsha Trew, director of the Women Students' Office. "We're very excited about working together with Applied Science. A goal of our office is to work in collaboration with others on campus and this is a good example of that.

"A crucial role for us is to act as catalysts for change, by consulting and being active participants who can help people make the changes they feel need to be made, in the spirit of collaboration," she added.

The number of women enrolling in engineering has been on the upswing in recent years, and Axel Meisen, dean of Applied Science, says he would like to see this trend continue.

"We'd be happy to see 30 per cent entering first year by the mid-90s. But, in the longer term, it should be about half and half," he said.

"There's no reason to think women are any less qualified to become out-

standing engineers than men," Meisen said, adding that women are often disproportionately highly represented among the top graduating students in engineering.

The project will also look at how UBC engineering programs can benefit other groups who are underrepresented, such as Native Indians and persons with disabilities.

"We'd like to dispel the notion that there are barriers to anyone who wants to pursue a career in engineering," said Meisen.

Sarah Dench, a former ombudsperson at Simon Fraser University, is co-ordinating research for the project. She did her master's thesis in Women's Studies on the different experiences of men and women enrolled in SFU's engineering program.

This summer, Dench conducted a literature review and contacted other universities to see what types of programs have been put in place elsewhere.

One program of particular interest to UBC is at the University of Washington. There, young women interested in careers in engineering are first approached in grade 10 and then offered support, information and other resources until they enter either graduate school or the workforce.

As a result, a full 25 per cent of graduating engineers at the University of Washington are women.

"They take a comprehensive approach to really maximize what women are getting out of their education," Dench said.

Meisen said that this is the type of approach he also favors for UBC.

"We want to take a comprehensive, coherent approach with a well-balanced set of initiatives," he said.

While Applied Science at UBC has focused on getting women interested in engineering, it may be able to do better at meeting the needs of those women who are already enrolled, said Meisen. One way this could be done is to include women alumni and other role models for networking and support.

In the coming academic year, Dench will survey engineering faculty, staff and students, assess the learning environment and develop ways of improving it. She will also evaluate available counselling and current procedures for enrolling and advising women students and make recommendations for improvement.

Overseeing the project is an advisory committee consisting of Sid Mindess, associate dean of Applied Science, Bob Evans, director of the Engineering Core Program, Margaretha Hoek of the Sexual Harassment Office and Kogila Adam-Moodley, director of the Multicultural Liaison Office. The committee reports to Meisen and Trew.

# Laquian sees urban problems from inside

By CHARLES KER

Growing up in Philippine slums, Aprodicio Laquian learned to live with bulldozers.

He and his family would build a squatter shack on the outskirts of Manila, stay there until the demolition crews arrived, then haul their belongings off and build another shanty elsewhere.

"The politicians had dreams of beautifying the city," said Laquian. "We just wanted a home."

Thirty-two years after leaving the ghettos, "Prod" Laquian is still on the move. This time, he leaves a United Nations posting in New York and an international career that has taken him to 86 countries, for a directorship at UBC.

The 56-year-old urban housing expert has been appointed director of the university's Centre for Human Settlements (CHS). He will also oversee the \$6.2-million Canadian International Development Agency (CIDA) Centre of Excellence.

"My whole life's work has dealt with urban development but this is really the cusp of the wave," he said. "Other centres aren't interested in the field but this is where the action will be for the next 10 years."

Laquian has held a number of key positions with the United Na-

tions in the past decade, most recently as chief evaluator for the organization's \$240-million-a-year population fund. Six years prior to that, he managed the UN population control program in China, Mongolia and North Korea.

In the early 1970s, the International Development Research Centre (IDRC) and the World Bank commissioned Laquian to turn his critical eye on the slums of six cities in Latin America, Africa and Asia. His findings showed that many projects sponsored by international agencies didn't reach the bottom 20 per cent of the populations they were trying to help.

**"The truth is that we can't solve today's urban problems using current methods."**

The five-year study resulted in his 11th book, Basic Housing: Policies for Sites, Services and Shelters in Developing Countries, which has since been translated into four languages.

"It wasn't popular with many of the funding organizations but it told the truth," said Laquian. "And the truth is that we can't solve today's urban problems using current methods."

Telling the truth led to trouble earlier in his career.

After receiving a PhD in political science (with a major in urban studies) from the Massachusetts Institute of Technology, Laquian returned to Manila to teach. He also freelanced as a journalist, writing articles in the local Filipino dialects (of which he speaks three, as well

## Profile

as Spanish and "enough Chinese to get into trouble") on the inadequacies of the country's housing policy.

"I was pretty feisty and wrote some nasty things which the Marcos people did not like," he said. "I was in trouble from day one."

He soon left the Philippines and later published his research work in two books, Slums are for People and, Slums and Squatters in Six Philippine Cities.

Laquian's teaching credentials include professorships at the universities of the Philippines, Hawaii, Nairobi and De la Salle University in Manila. He is also a distinguished honorary professor at Peking University.

While in Nairobi, he spent two years recruiting young social scientists in East Africa for IDRC research grants, a job which took him through 14 countries from Somalia to Botswana.

Alan Artibise, director of UBC's School of Community and Regional Planning, believes Laquian's experience, combined with the CIDA centre funding, will eventually make UBC the world's leading centre on human settlements research.

The CIDA Centre of Excellence grant will allow CHS to concentrate on devising self-help methods to improve housing conditions of the urban poor.

The grant supports institutional linkages with partners in mainland China, Indonesia and Thailand. Multinational teams of Canadian and local academics will collaborate on research projects while graduate students and technicians will be trained in community and regional planning.

Laquian said the proliferation of urban slums in and around cities of developing countries started around the Second World War and has been accelerating.

By the year 2000, it is expected that close to 50 per cent of the world's population (about three billion people) will live in cities. Of the world's 10 largest cities, only Tokyo and New York will be in developed countries. Most megacities in developing countries will have a third to half of their people living in slum and squatter areas.

"It's a global phenomenon. People are born, they move and they eventually end up in the city," said Laquian. "Our job will be to first understand their way of life, what kind of jobs they have and what they are capable of doing for themselves."

Laquian added that the neatly packaged service-delivery system of development, currently used in Europe and North America, won't solve half of the housing problems in the developing world because people can't afford it.

World Bank officials have talked about spending \$3.5 billion annu-



Laquian

ally on urban projects by 1993 and \$5 billion by 1995. Regional banks in Asia, Africa and Latin America are also committing more resources for urban projects.

But Laquian believes a more strategic and programmed approach to financing is needed to combat the problems of spiralling urban poverty. To this end, he has convened a policy conference at the Centre for Human Settlements for December.

The conference will bring together the brightest thinkers in the human settlements field. Officials from leading financial and development institutions will also attend to discuss how best to use international aid money to face the urban problems of the coming century.

**By the year 2000, it is expected that close to 50 per cent of the world's population will live in cities.**

# September 8 – September 21

## MONDAY, SEPT. 9

### BioSciences Seminar



Biochemistry/Molecular Biology Discussion Group. Dr. Earl Davie, U. of Washington. IRC #1 at 3:45pm. Call 822-5925.

## TUESDAY, SEPT. 10

### Lunch Hour Seminar

Hong Kong: Lame Duck Or Golden Goose? Dr. Lee Ngok, Director, Extramural Studies, U. of Hong Kong. Asian Centre 604 at 12:30pm. Call 822-4688.

### Oceanography Seminar

Two-dimensional Finite Element Modeling Of Estuarine Hydrodynamics. Clare Knock, DOUBC. BioSciences 1465 at 3:30pm. Call Susan Allen at 822-2828.

### Medical Genetics Seminar

Ethno-cultural Considerations In Clinical Genetics. Nancy L. Fisher, MD, MPH. IRC #1 from 4:30-5:30pm. Refreshments at 4:15pm. Call 822-5312.

## WEDNESDAY, SEPT. 11

### Orthopaedic Grand Rounds



Title TBA. Service by the Hand group. Chair: Dr. P.T. Gropper. Eye Care Centre Auditorium, Willow and 10th at 7:30am. Call 875-4646.

### Microbiology Seminar Series

Ion Gradients And Membrane Transport. Dr. Pieter Cullis, Biochemistry, UBC. Wesbrook 201 from 12:30-1:30pm. Call 822-6648.

### Geography Colloquium

Place And Health: A New Direction For Medical Geography. Robin Kearns, Lecturer, Geog., U. of Auckland, New Zealand. Geography 201 at 3:30pm. Refreshments at 3:25pm. Call 822-2985/2663.

### Forestry Seminar



The Techniques Side Of Biotechnology—What's In It For Forestry. Dr. J.E. Carlson, Biotech. Lab, Forest Sciences, UBC. MacMillan 166 from 12:30-1:30pm. Call 822-2507.

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## CALENDAR DEADLINES

For events in the period September 22 to October 6, notices must be submitted by UBC faculty or staff on proper Calendar forms no later than noon on Tuesday, September 10 to the Community Relations Office, 6328 Memorial Rd., Room 207, Old Administration Building. For more information call 822-3131. The next edition of UBC Reports will be published September 19. Notices exceeding 35 words may be edited.

### Annual Orientation Meeting

For all members/prospective members of The Third Age Community of Learners and Scholars at UBC, a group of near/semi-retired people who enjoy structured intellectual pursuits. Cecil Green Park House at 9:30am. Call 222-5238.

## THURSDAY, SEPT. 12

### Psychology Lecture

What Psychologists Are Teaching Pharmacologists About Drug Tolerance. Dr. John Pinel, Psychology, UBC. Peter Suedfeld Lounge, Kenny at 4pm. Call 822-3286.

### Pharmacology Seminar

Reactive Oxygen Toxicity In Endothelial Cells: Cell Death Mediated By DNA Damage And Poly-ADP-Ribose Activation. Dr. Robert L. Thies, Medicine, Pharmaceutical Sciences, UBC. IRC #2 from 11:30am-12:30pm. Call 822-2575.

### Physics Colloquium



Evidence For A Massive Neutrino In Nuclear Beta Decay. Eric B. Norman, Lawrence Berkeley Laboratory. Hennings 201 at 4pm. Call 822-3853.

## FRIDAY, SEPT. 13

### Obstetrics/Gynecology Grand Rounds

Early Diagnosis Of Premature Labour With A Home Contraction Monitor, Grace Hospital Experience. Dr. Tom Martin, Dr. L. Lopes. University Hospital, Shaughnessy Site D308 at 8am. Call 875-2171.

### Paediatrics Grand Rounds

Poisoning In Children. Drs. David F. Smith and Jillian Willis. G.F. Strong Rehab. Centre Auditorium at 9am. Call 875-2118.

### Chemical Engineering Seminar

Batch And Continuous Spouted Bed Drying Of Cereal Grains: The Thermal Equilibrium Model. Drs. Adnan Zahad and Norman Epstein, ChemEngineering, UBC. ChemEng. 206 at 3:30 pm. Call 822-3238.

### Graduate Student Society Open House



To welcome new students. Tours: 10:30am, 12:30 and 2:30pm; BBQ: 4-7pm with GSS Executive, Dean John Grace and associates and MLA Darlene Marzari; dance 8-midnight. Grad Student Centre from 10:30am. Call 822-3203.

## MONDAY, SEPT. 16

### Institute of Health Promotion Research Seminar

Application Of Expert Systems Technology To Health Promotion Program Planning/Evaluation. Robert Gold, PhD, DrPH, Health Education, U. of Maryland. James Mather 253, 5804 Fairview Ave., from 4-5:30pm. Call 822-2258.

### Biochemistry/Molecular Biology Discussion Group Seminar



The Remodelling Of Sperm Nuclear Basic Proteins During Spermato Genesis And Fertilization. Dr. Chiaki Katagiri, Editor, Development, Growth/Differentiation, Zoological Institute, Hokkaido U., Japan. IRC #1 at 3:45pm. Call 822-5925.

## TUESDAY, SEPT. 17

### Medical Genetics Seminar



Biochemical/Molecular Characterization Of Gaucher's Disease. Dr. Francis Choi. IRC #1 from 4:30-5:30pm. Refreshments at 4:15pm. Call 822-5312.

### Lectures In Modern Chemistry

Photon-Impact Studies On The Ionization Of Atoms And Molecules. Dr. James A.R. Samson, Behlen Lab. of Physics, U. of Nebraska, Lincoln, NE. Chemistry B250 at 1pm. Call 822-3266.

### Oceanography Seminar

Prediction Of Optimum Spawning Locations For Marine Fish Using Physical Oceanography. Carl Walters, Resource Ecology, UBC. BioSciences 1465 at 3:30pm. Call Susan Allen at 822-2828.

### Forestry Seminar

Forest Policy In Australia In Relation To British Columbia Forest Resources Commission. Prof. R. Kennedy, Wood Sciences, UBC. MacMillan 166 from 12:30-1:30pm. Call 822-3553.

## WEDNESDAY, SEPT. 18

### Pulp/Paper Centre Seminar

A New Approach To Impingement Drying. Dr. Robert H. Page, Forsyth Professor of Mechanical Engineering, Texas A&M U. P/P Centre Seminar Room 101, 2385 East Mall at 11:30 a.m. Call 822-8560.

### Microbiology Seminar Series

The Role Of Proteoglycans In Herpes Simplex Virus Infection. Dr. Frank Tufaro, Microbiology, UBC. Wesbrook 201 from 12:30-1:30pm. Call 822-6648.

### Orthopaedic Grand Rounds



Title: TBA. Service by the Trauma group. Chair: Dr. R.N. Meek. Eye Care Centre Auditorium, Willow and 10th at 7:30am. Call 875-4646.

### Geography Colloquium

"The Little Town That Did": Flexible Accumulation And Community Response In Chemainus, BC. Trevor Barnes, associate professor, Geog., UBC. Geography 201 at 3:30pm. Refreshments at 3:25pm. Call 822-2985/2663.

### Applied Mathematics Colloquium

Regularization Of Linear Differential/Algebraic Equations. Prof. Robert O'Malley, Applied Math., U. of Washington, Seattle. Mathematics 229 at 3:45pm. Call 822-4584.

## THURSDAY, SEPT. 19

### Pharmacology Seminar

Diabetes-Induced Changes In Cholinergic/Adrenergic Nerve Terminals. Dr. Neil Hartman, Pharmaceutical Sciences, UBC. IRC #2 from 11:30am-12:30pm. Call 822-2575.

### Experimental Medicine Program Lecture Series

Distinctive Control Of cAMP In The Hypertrophic Heart. Paul Sunga, PhD candidate, Cardiology, Medicine, UBC. University Hospital, UBC Site, GF-279 from 4:30-5:30pm. Call 822-7215.

### Introductory Seminar On Health/Healing

The Chow Integrated Healing System. Dr. Effie Chow, PhD, RN, CA, East-West Academy of Healing, San Francisco. Detwiller Pavilion (Psychiatry) Lecture Theatre, University Hospital, UBC Site. Registration at 7pm for 7:30pm. Fees: single \$20, couple \$35, Students/disabled \$10. Wheelchair accessible. Call Pat Rowe, RN, BScN at 224-1824.

### Oceanography Seminar

Turbulence In The Thermocline. Hidekatsu Yamazaki, U. of Victoria. BioSciences 1465 at 3:30pm. Call Susan Allen at 822-2828.

### Physics Colloquium

Title: TBA. Hennings 201 at 4pm. Call 822-3853.

## FRIDAY, SEPT. 20

### Obstetrics/Gynecology Grand Rounds



Effect Of Advanced Maternal Age On The Outcome Labour. Dr. Nancy Kent. University Hospital, Shaughnessy Site D308 at 8am. Call 875-2171.

### Paediatrics Grand Rounds

Cancelled due to The Royal College/Paediatric meeting. Call 875-2118.

### Chemical Engineering Seminar

Hydrodynamics Of Circulating Fluidized Beds. Richard Senior, Graduate student, ChemEngineering, UBC. ChemEng. 206 at 3:30pm. Call 822-3238.

## NOTICES

### Carpool Matching

A service for faculty, staff and students. Call Karen Pope, Dean's Office, Applied Science at 822-3701 and find your area match.

### Call For Former UBC Athletes



Athletics is updating its mailing list of former athletic team players: originators/contributors to programs in place today. If you qualify or are knowledgeable in the location of any other past player, call 822-8921 after 4:30pm.

### Frederic Wood Theatre

5th Of July by Lanford Wilson. Directed by John Wright. Sept. 19-28, FWT at 8pm. Adults \$10, Student/Senior \$7. Preview Wed. Sept. 18, two for \$10. Theatre Building 207 or call 822-2678.

### Fine Arts Gallery



Heroic/Romance Exhibition continues until Sat. Sept. 14. Open Tue-Fri. from 10am-5pm and 12pm-5pm Saturday. Admission is free. Call 822-2759.

### Library Tour

Main and Sedgewick (about 45 min). Mon.-Fri., Sept. 9-20, 10:30am and 1:30pm from the Main Library entrance hall. Call Sheryl-Adam at 822-2076.

### Health Sciences Bookshop Open Saturday

The Bookshop is open Mon.-Sat. from 9:30am-5pm in the Medical Student/Alumni Centre at 2750 Heather St. corner of 12th Ave. Call 879-8547.

### Executive Programmes

Business Seminars. Sept. 17-18, Managing The Multicultural Workforce, \$795. Sept. 19, Financial Information Systems, \$875. Call 822-8400.

### English Language Institute Evening Classes

ESL offers Conversation Skills, Advanced Discussion, Speaking/Debating, Fluency/Pronunciation, Writing/Grammar, Practical Writing for Business, and TOEFL Preparation, from 7-9pm. Classes begin Sept. 30 and Oct. 1. Call 222-5208.

Professional Development Series For Practicing Language Teachers Offered Workshops: Teaching English in Japan, Videotaping in the Language Class and Stimulating Student Talk in the Lang. Class. Tuesday evenings from 7-9pm. Call 222-5208.

### Reading, Writing/Study Skills Centre



Non-credit courses include: Reading for Speed/Comprehension; Writing Business Letters/Memos for Results; Effective Reports/Proposals; Professional Writing for Artists/Designers, and ECT Workshops. Most classes start the week of Sept. 30. Call 222-5284.

### Statistical Consulting/Research Laboratory

SCARL is operated by the Department of Statistics to provide statistical advice to faculty and graduate students working on research problems. Forms for appointments available in Ponderosa Annex C-210. Call 822-4037.

### High Blood Pressure Clinic

Volunteers (over 18 years) needed, treated or not, to participate in clinical drug trials. Call Dr. J. Wright or Mrs. Nancy Ruedy in Medicine at 822-7134.

### Seniors Hypertension Study

Volunteers aged 60-80 years with mild to moderate hypertension, treated or not, needed to participate in a high blood pressure study. Call Dr. J. Wright or Nancy Ruedy in Medicine at 822-7134.

### Herpes Research Study

Participants needed for treatment studies of shingles (herpes zoster) and first herpes simplex infections, with new antiviral agents. Also ongoing study for males 18-45 years with recurrent herpes simplex. Dr. Stephen Sacks, Medicine, sponsoring physician. Call 822-7565 or leave your name/number at 687-7711, pager 2887.

**September 8 –  
September 21**

**Heart/Lung Response Study**

At rest and during exercise. Volunteers age 45-75 years, all fitness levels, required. No maximal testing. Scheduled at your convenience. Call Fiona Manning, School of Rehab Medicine, 822-7708.

**Lung Disease Study**

Subjects with emphysema or fibrosis needed to investigate means of improving lung function without drugs. Call Fiona Manning, School of Rehab Medicine, 822-7708.

**Bereavement Study**

Participants needed for a study investigating the long-term effects of adolescent bereavement. Must have lost either parent at least five years ago, and have been between 13 and 17 years at the time of the loss. Two one-hour interviews required. Please call Ann McKintuck in Nursing at 224-3921/3999.

**Retirement Study**

Women concerned about retirement planning needed for an 8-week Retirement Preparation seminar. Call Sara Comish in Counselling Psychology at 822-5345.

**Adult Child Separation/Divorce Study**



Volunteers needed for research study exploring how mothers cope with their adult child's separation/divorce. Participants required to fill out a mailed questionnaire (anonymous). Call Allison Krause in Counselling Psychology at 946-7803.

**Office Workers Research Study**

Women volunteers needed for a Counselling Psychology study on work and stress. Required, completion of one questionnaire per month for 3 months. Call Letty Toews at 222-2060.

**Depression Study**

Participants needed for study researching a new anti-depressant medication. Depression sufferers, 18-65 years. Call Doug Keller in Psychiatry at 822-7318.

**PMS Research Study**

Volunteers needed for study of an investigational medication to treat Pre Menstrual Syndrome. Call Doug Keller, Psychiatry, University Hospital, Shaughnessy site at 822-7318.

**Hair Loss Research**

Women aged 19-49 years experiencing moderate hair loss, crown area only, are needed for study. Must be able to attend 1-2 times weekly for 9 months. Honorarium paid. Call Sherry in Dermatology at 874-8138.

**Dermatology Acne Study**

Volunteers between 14-35 years with moderate facial acne needed for 4 visits during a three month period. Honorarium paid. Call Sherry at 874-8138.

**Stress and Blood Pressure**

Learn how your body responds to stress. Call Dr. Wolfgang Linden in Psychology at 822-3800.

**Surplus Equipment Recycling Facility**



All surplus items. Every Wednesday, 12-3pm. Task Force Bldg., 2352 Health Sciences Mall. Call 822-2813.

**Student Volunteers**

Find an interesting and challenging volunteer job with Volunteer Connections, Student Counselling and Resources Centre, Brock 200. Call 822-3811.

**Narcotics Anonymous Meetings**

Every Tuesday (including holidays) from 12:30-2pm, University Hospital, UBC Site, Room 311 (through Lab Medicine from Main Entrance). Call 873-1018 (24-hour Help Line).

**Fitness Appraisal**

Administered by Physical Education and Recreation through the John M. Buchanan Fitness and Research Centre. Students \$25, others \$30. Call 822-4356.

**Neville Scarfe Children's Garden**

Located west of the Education Building. Free admission. Open year round. Families interested in planting, weeding or watering the garden, call Jo-Anne Naslund at 434-1081.

**Botanical Garden**



Open from 10am-6pm daily. Free admission on Wednesdays. Call 822-4208.

**Nitobe Garden**

Open from 10am-8pm daily. Free admission on Wednesdays. Call 822-6038.

# Traffic safety theme for crime prevention

By **CONNIE FILLETTI**

Traffic safety awareness is the focus of this year's crime prevention and victim services program of the RCMP university detachment.

"There were 696 motor vehicle accidents on the university endowment lands in 1990; that's more than a hundred over the previous year," said const. Bernie Smandych, co-ordinator of the program.

The number of hit and runs also increased last year, as well as the number of drivers charged with driving while impaired.

In addition, the total theft of motor vehicles more than doubled from 21 in 1989 to 46 in 1990. Thefts from cars also rose, while bicycle thefts were down slightly from 146 two years ago to 122 last year.

"Our statistics show us a dramatic rise in the number of motor vehicle accidents and hit and runs between September and November," Smandych said.

She explained that a greater number of people on campus, many of whom are new students and unfamiliar with the university, accounts for the increased number of incidents.

Illegally parked vehicles, which can impede emergency vehicles and the smoother flow of general traffic, also contribute to the problem.

Smandych said that increased signage in problem areas on campus should help motorists choose their parking spots more carefully, making access to the campus and the university itself safer for everyone. However, anyone caught disregarding parking regulations will have their vehicles towed by the RCMP.

Speeding, running yellow lights and cyclists who disobey traffic laws are the other main factors which cre-

ate hazards on campus roads.

Smandych recommends that people give themselves more time to get to campus, be aware of their new surroundings, slow down and drive defensively to help reduce the number of traffic accidents at UBC.

She cautions that fewer warnings and more tickets will be issued to traffic violators this year, including cyclists.

Anyone interested in learning more about traffic safety may drop in to the main concourse of Sedgewick Library between Sept. 3 and 13. Safety displays sponsored by the RCMP university detachment, as well as information provided by an officer, will be available.

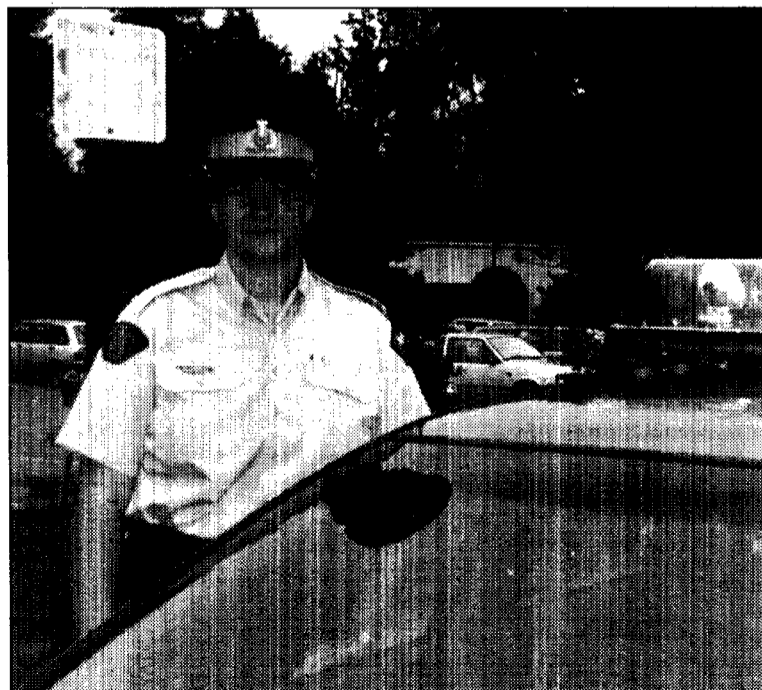


Photo by Media Services

*Constable Bernie Smandych will co-ordinate this year's crime prevention program by the campus detachment of the RCMP. The program will stress traffic safety awareness.*

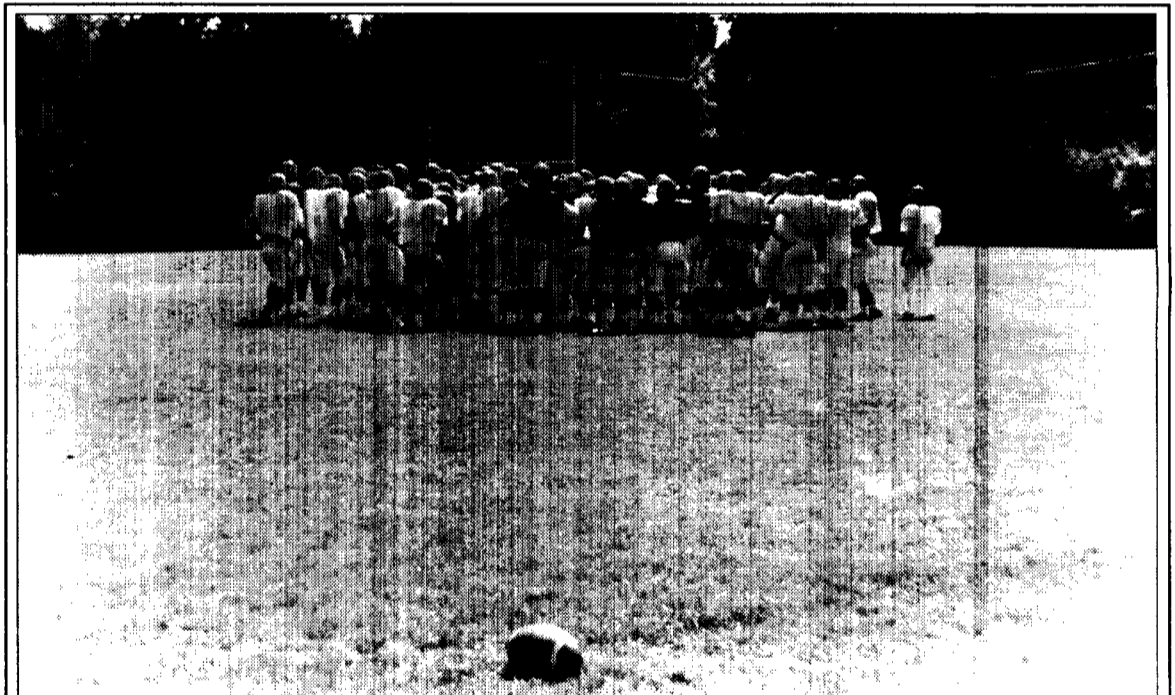


Photo by Media Services

**Scrum for Shrum**

*UBC Thunderbirds football team goes over its game plan in preparation for the upcoming season. A highlight will be their traditional encounter with SFU in the Shrum Bowl. This year's game will be played September 15 at Swangard Stadium. The first Shrum Bowl game was played in 1967.*

## Student Exchange Programs

In the July 18 issue of UBC Reports, the Registrar's Office erroneously reported that the goal of the Student Exchange Programs is for the involvement of five percent of the entire undergraduate population by 1995. The actual target is five percent of third-year students. Any questions regarding exchange programs can be directed to Martha Kertesz at 822-8947.

## Advertise in UBC Reports

**Deadline for paid advertisements for the September 19 issue is 4 p.m. September 10.**

**For information, phone 822-3131**

**To place an ad, phone 822-6163**

## Travel program to save over \$500,000

By ABE HEFTER

UBC has instituted a travel management program which is expected to save the university a minimum of \$500,000 in travel costs over the next year.

The program is designed to maximize the travel resources of the university and to provide UBC travellers with a high level of service, said UBC travel coordinator Connie Fabro. At the heart of the program is the selection of two travel agencies to coordinate UBC travel.

"Last October, an advisory committee was formed to analyse the travel needs of the university community and to consolidate those needs in order to maximize savings," said Fabro, one of the committee members. "The committee selected Marlin Travel and North South Travel to service UBC travellers. Both are 100 per cent Canadian owned and based in B.C."

Fabro said the new UBC travel program is a response to growing and changing travel needs, a travel budget that is not growing as rapidly as the costs of travel, and is an opportunity to lower the individual rates paid by university faculty and staff.

"Most of the gains will come from special air fares, hotel rates and car rental arrangements which are negotiated for UBC," said Fabro, whose job is to provide the best rates for university travellers while maintaining a high level of service. Fabro

said the program also guarantees that the fares and rates charged will be the lowest available, at the time of booking, for the requested travel itinerary.

"In addition, as of September 1st, Canadian Airlines became the preferred carrier for UBC. Privileges extended to UBC travellers will include access to less expensive fares for provincial travel."

Fabro said the university is not unlike the corporate world in streamlining travel expenditures, which totalled \$15 million at year end. Of this, an estimated \$6 million was on air travel. Fabro said the \$500,000 in savings will be realized only if the preferred travel suppliers are used.

"Most major universities in the U.S. have travel programs and Canadian universities have now realized that there are significant potential savings in consolidating travel arrangements. To this end, we are currently negotiating, along with other universities across Canada, corporate hotel and car rental rates in North America."

Fabro said although there may be differences in the way the program is applied to each faculty, many of the features of the travel program are common to the entire university.

"In consolidating our travel, the university is being fiscally responsible in the handling of all travel-related expenditures," she said.

## Camera sent to Soviet hospital

By GAVIN WILSON

After a delay caused by the recent political upheavals in the Soviet Union, TRIUMF is sending a "gamma camera" used for medical diagnoses to a hospital in the USSR.

The camera, which has diagnosed illness in thousands of hospital patients in Vancouver, is now on its way to the town of Troitsk, near Moscow, where a sister laboratory to TRIUMF is located.

The camera was scheduled to leave Vancouver on the Soviet-registered freighter Pavlodar on Aug. 18, the day the coup attempt began. But instead of setting sail, the ship stayed in port, with crew members reacting to events in their homeland for local media.

The contribution was arranged after a recent exchange of visits between John Vincent, head of a TRIUMF research group, and his Soviet counterparts.

"We used this camera regularly some years ago, but that kind of work is now done in several Vancouver hospitals. At present our group is concentrating on producing new, useful radioactive isotopes, so the camera simply isn't needed here," said Vincent.

The gamma camera is used as a diagnostic tool for heart examinations and finding hidden infections in the body. It provides a picture of



TRIUMF Director Erich Vogt (left) and INR Director Victor Matveev see the gamma camera on its way to the Soviet Union.

specific internal organs after a patient is treated with a radioactive pharmaceutical that accumulates in the organ and emits gamma rays.

"Transferring unused equipment between research groups is a bit like a garage sale," said Vincent. "One group's surplus can be another group's treasure. In the past, TRIUMF has received useful equipment from Britain and Germany."

To use the camera, the hospital will collaborate with a group in Troitsk at the Institute for Nuclear Research of the USSR Academy of

Sciences. The institute can provide the necessary radioisotopes, just as TRIUMF provides such isotopes to hospitals here.

"This camera could now become the key to new collaborations between the Institute for Nuclear Research and their local hospitals and we're happy they could use it," said Vincent.

The Troitsk hospital specializes in the treatment of children and the camera will enhance its capabilities in dealing with unusual disease states or physiological conditions.

## Uegama stresses importance of adult education programs

By CONNIE FILLETTI

There is no doubt in Walter Uegama's mind that providing a broad range of adult education programs that reflect the strengths and distinctions of the university is fundamental to the agenda for continuing studies at UBC.

Uegama, the first associate vice-president of continuing studies at UBC, plans to promote the integral role continuing studies plays in the university's mission.

"We have a wealth of knowledge in the sciences, professions, social sciences, arts and humanities," Uegama said. "Continuing education can extend that knowledge to others. It is the real educational arm of community service."

He believes that continuing studies must be in the academic mainstream at UBC to ensure faculty support for adult education activities.

Spearheading that movement, Uegama wants to look at community needs on an anticipatory basis. And he wants UBC to take a leadership role in moving the community to examine important issues that affect their lives.

Approximately 85,000 people each year — more than double the

annual academic enrolment — come to UBC for non-credit, non-degree programs, otherwise known as adult or continuing education.



Uegama

Uegama stepped down as director of the Division of Continuing Education at the University of Windsor to accept the newly created position.

His areas of responsibility include UBC Access, Guided Independent Studies and Extra Sessional Studies. He will also serve as director of the Centre for Continuing Education.

He believes that the new position signals the university's intent to extend its resources to a broader range of constituents.

"We need to anticipate what the requirements are and marshal the resources to provide the instruction required," Uegama said. "The challenge is to rise above some of the cultural blinkers we have and to open our perspective to broader viewpoints."

Uegama sees universities as having a big role to play in providing the knowledge and skills required to survive in a world that has become increasingly complicated.

"UBC is at the forefront of that knowledge in terms of understanding what is needed and influencing decision makers," he said.

## Feeding squirrels helps trees



Cute but very harmful, red squirrels strip away bark of young trees.

By ABE HEFTER

A UBC forestry professor has discovered a way to curb the red squirrel's springtime appetite for young lodgepole pine trees. The result has been healthy trees and happy squirrels.

For the last 15 years, Tom Sullivan, an assistant professor in Forest Sciences, has studied the eating habits of small mammal pests. Since 1979, his focus has been on the red squirrel, an inhabitant of the boreal coniferous forests of North America.

"Each spring, when other food sources are unavailable, the red squirrel strips away the bark from young lodgepole pine trees and feeds on the vascular tissue," said Sullivan. "In stands which are susceptible to such feeding attacks, the incidence of damage to trees ranges from 30 per cent to 96 per cent."

Sullivan said that in the past, this type of problem was handled by trapping, poisoning or shooting the animal in question — solutions which

were hardly in the best interests of integrated forest and wildlife management. As a result of his research, Sullivan has developed another way to control the squirrel's appetite — by feeding it.

"Red squirrels are normally seed eaters. Because there is a shortage of seeds in the spring, the squirrels feed on young stands of pine from May to July, when sap-sugar concentration is high and the bark is easy to remove. We decided to make sunflower seeds available to the squirrels, to see if they would leave the trees alone."

Two years ago, Sullivan and his research crew set out to Lumby, B.C., where they manually distributed piles of seed at 20 kilograms per hectare over an area of 20 hectares, in a stand with a significant history of red squirrel damage.

"Only 11 per cent of the trees in the stands that were treated with seeds were damaged by red squirrels," said Sullivan, "compared to a control group in which 57 per cent

of the trees were damaged."

Despite the findings, Sullivan's task had just begun. In order to make the procedure more efficient and cost effective, he had to determine if the seeds could be distributed through aerial application. He also had to find out if the seeded areas would eventually be overrun by fat, healthy, proliferating squirrels.

"We scored high marks on both counts," said Sullivan. "We were effectively able to distribute the seeds by helicopter — sort of like seed rain. And we determined that although the red squirrel population did increase in treated stands during the spring months, the numbers dropped when the seeding period was over."

Sullivan says the procedure "works like a charm", and is proving to be a cost effective way to protect the investment of intensively managed tree stands. More than 600 hectares of forest land near Quesnel and Vernon were treated with seeds this past spring and Sullivan is now looking at controlling tree damage caused by field mice, in a similar fashion, but with a twist.

"One way we're looking to keep the field mice away is through the use of predator odor repellents. Some researchers in New Zealand have been able to synthetically produce the odor of the weasel. We're currently doing a study in Smithers to see how effective repellents are."

Sullivan isn't stopping there. The thrust of his ongoing research will be to determine if large-scale food supplementation can enhance the population of small mammals.

"The question is: Can forestry do something positive for wildlife, as well as the forests, by enhancing wildlife habitat? If we can, then the entire ecological chain stands to benefit," he said.

## People

# Craig earns Canadian Psychological Association award

The Canadian Psychological Association has given Professor **Ken Craig** its 1991 award for Distinguished Contribution to Psychology as a Profession.

A clinical psychologist, Craig has been investigating the psychological and social factors of pain during the last 20 years. He has been with UBC's Department of Psychology since 1968.

Earlier this year, Craig was awarded a Killam Research Fellowship by the Canada Council.



Craig

Education Professor **Ian Housego** has been recognized by his peers with a Distinguished Service Award for excellence in the study of educational administration.

Housego was one of two, first-time recipients of the award presented by the Canadian Association for the Study of Educational Administration.

Housego has been a professor in UBC's Department of Administrative Adult and Higher Education since 1967.

Botany Head **David Turpin** has received the Darbaker Prize from the Botanical Society of America. Turpin received the award in recognition

of his outstanding contributions to the study of algae.

The focus of Turpin's research is photosynthesis, the process plants use to turn sunlight into energy, and how photosynthesis interacts with plant respiration and nitrogen assimilation.

He takes an integrated approach that has provided the first picture of how the different components of plant metabolism interact.

Turpin will receive \$1,000 and a plaque from the society, which is North America's largest organization devoted to the study of plants.



Turpin

Professor **Paul LeBlond**, head of UBC's Department of Oceanography, has been awarded this year's Tully Medal by the Canadian Meteorological Society.

The annual award goes to a person who has made a significant scientific contribution to Canadian oceanography. It is given in memory of John Patrick Tully, a leading Canadian oceanographer who pioneered the study of estuaries and the Gulf of Alaska.

A graduate of UBC, LeBlond is the scientific program leader of the Ocean Production Enhancement Network and chair of the Canadian National Committee for the World Ocean Circulation Experiment.

## Seminar looks at managing multicultural workforce

By **ABE HEFTER**

The ability to successfully manage a multicultural workforce can often spell the difference between an enriching, diverse workplace, or a destructive one.

That's the message that Merle Ace will be delivering as one of the leaders of an upcoming seminar on managing the multicultural workforce.

"The world is becoming a smaller place as a result of the globalization of the world economy," said Ace. "You see it happening everywhere, especially in Vancouver, where more and more business is being done with Pacific Rim countries."

Vancouver has seen a vast influx of people from Asia, Australia and New Zealand. The result, according to Ace, has been a vertical mosaic, where cul-

tures exist side by side in a co-operative manner.

"This is especially true in the workplace," said Ace. "Real conflicts arise if managers are unable to deal with people who come from widely different backgrounds. Traditional management methods may not be as productive as they once were."

Ace and Larry Moore, associate professors in the Commerce Faculty's Industrial Relations Management Division, will lead a seminar on managing the multicultural workforce Sept. 17 and 18 at UBC. The seminar, one of a series of Executive Programmes offered by the faculty, will address cultural issues by introducing the concepts and models of multicultural management

and the impact of cultural differences.

"This seminar is geared to managers and supervisors whose subordinates are from diverse cultural groups; human resources professionals whose organizations encompass a multicultural workforce; and managers who deal with foreign nationals," said Ace.

Moore said it's also important for managers, who will be doing business overseas, to understand the people they will be doing business with. "The seminar will offer managers some insight into the cultural differences that exist overseas."

Ace said people from different backgrounds have a different way of doing things. Their approach to work and their relations to other employees can be considered unworkable, unorthodox or even bizarre, he added.

"It is important for managers to acknowledge these differences and see what's underneath them. In this seminar, we will try to create an awareness and a sensitivity and, at the same time, come to grips with the issue of stereotyping."

Ace said the seminar will include self-analysis, group discussion, exercises, videos, short lectures and simulations. Participants will examine what they have been doing and what changes they might make as a result of this program.

The seminar is taking place at the E.D. MacPhee Executive Conference Centre in the Henry Angus Building. For more information, please call the Executive Programmes registrar at 822-8400.

### Campus Mailing keeps mail moving

To deal with any interruptions to postal service, Campus Mailing Services has contracted a private company to distribute all international mail.

Ken Leighton, manager of Campus Mailing Services, said important local and national mail should be faxed, telexed or put through electronic mail in the event of Canada Post labor problems. Other mail will continue to be collected as usual and entered into the Canada Post system at appropriate times.

Leighton added that Campus Mailing Services is committed to keeping university mail moving. Those requesting more information can call 822-2579.

### UBC /United Way Campaign '91

We are looking for volunteers to campaign on campus for Autumn 1991.

If you are interested in volunteering for

1. Department Representative
2. Faculty/Area Co-ordinator
3. Committee Member
4. or want further information

please call

Nestor Korchinsky  
2-2401

Become a part of United Way's  
Umbrella of Volunteers

## Classified

Classified advertising can be purchased from Community Relations. Phone 822-6163. Ads placed by faculty, staff and students cost \$12.84 for 7 lines/issue (\$.81 for each additional word). Off-campus advertisers are charged \$14.98 for 7 lines/issue (\$.86 for each additional word). (All prices include G.S.T.) Tuesday, September 10 at noon is the deadline for the next issue of UBC Reports which appears on Thursday, September 19. Deadline for the following edition on October 3 is 4 p.m. Tuesday, September 24. All ads must be paid in advance in cash, by cheque or internal requisition.

### Services

**LETTERPERFECT WORD PROCESSING SERVICE:** Typing, wordprocessing and dictating. We specialize in publisher-ready manuscripts. We are able to accommodate special characters and any format required. Fast service, reasonable rates. 737-7803

**SINGLES NETWORK:** Are you single and interested in science or natural history? Meet others with similar interests in a North America-wide network for science professionals, naturalists, and science buffs (all ages). For information write: Science Connection Inc., P.O. Box 389, Port Dover, Ontario N0A 1N0. Or phone (519) 583-2858

### Miscellaneous

**ACCOMMODATION REQUIRED:** Visiting scholar from Norway requires 3 bedroom furnished suite/house October 01-1991 to June 30, 1992. Please call Jo at 822-9173 for further information.

**OFFICE SPACE FOR RENT:** Corner of Wesbrook Mall and University Blvd. Available immediately. \$500/month or reduced rates for part-time rentals. Call 224-1614 for information.

### IS YOUR BABY BETWEEN 2 & 22 MONTHS?



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# Women Students' Office celebrates 70 years

By CONNIE FILLETTI

This year marks the 70th anniversary of the Women Students' Office (WSO) at UBC, one of the first student services to be established on campus.

Formerly the Office for Women Students, the WSO has undergone a recent name change, but its mandate has remained the same since its inception in 1921 — to respond to the needs of women students and to provide a voice for their concerns to the university's administration and faculty.

"The primary focus of the WSO has always been to support women students in realizing their optimum educational and vocational potential," said Marsha Trew, director of the WSO.

Trew added that while its primary commitment is to ensure that women students get the most out of their educational experience while at UBC, the office is also committed to creating a welcoming climate for all women students regardless of race, religion, age, ethnic background or sexual orientation.

Major goals of the office are aimed at making sure those commitments are met. They include identifying elements which negatively affect women students' intellectual, social, professional and emotional development. To this end, the WSO aims to assist women in working with other groups on campus to create an environment which would enhance achievement and growth in these areas.

Trew feels that in order to provide assistance and support for women students to improve their

participation in the academic community, the WSO must assist the governing bodies of the university to identify and change any policies that may be discriminatory to women students.

"We also need to serve as facilitators, consultants and resource persons for groups or individuals within the campus community who are interested in improving the status of women," Trew said.

She plans to approach these goals by providing counselling, outreach and consultation services to meet womens students' needs.

"Many programs and services will be delivered to specific groups as a result of consulting with them and most, if not all, projects will be joint efforts," Trew explained.

Scheduled to begin this fall are customized workshops for women graduate students in science, in collaboration with the Faculty of Science; a project to develop initiatives aimed at increasing women's enrolment in engineering programs, offered in conjunction with the Faculty of Applied Science; a comprehensive program to address eating disorders, co-sponsored by the Student Health Service and the Student Counselling and Resource Centre; workshops and support groups for mature women entering university, given in association with the School



Trew

of Nursing; and a rape prevention and education program with the participation of the Sexual Harassment Office, Student Health Service, Student Housing and the university detachment of the RCMP.

During the mid 1980s, the WSO shifted its focus primarily to one-on-one counselling services to students on a wide variety of issues, including suicide, eating disorders, physical abuse, sexual abuse, addictions, career, relationship breakdown, time management and sexual identity.

"There are more than 14,000 women students at UBC, a number that has steadily increased, along with the demand for service, crisis counselling and short problem-solving counselling," Trew said.

She added that the level of staffing in the WSO, however, has not increased, making the level and type of one-on-one counselling service currently provided difficult to continue.

Trew hopes that the WSO can meet the challenge of addressing women students' needs by providing a broad spectrum of counselling and support services, including a number of specialized support groups.

"This plan would meet both the largest and the most compelling needs for services and meet the

needs of a far greater number of the women student population," Trew said.

In addition to counselling services for problem-solving and women in crisis, the WSO would provide specialized counselling and support addressing a variety of issues affecting women, including those undergoing career change, returning to school as mature students and victims of violence.

New initiatives directed at exploring possibilities for offering training and educational resources are also planned. These would include clinical placements, internships, peer support and professional development.

"The WSO is taking the next step in its development," Trew said. "The vision of creating an environment at UBC that encourages women students to reach the highest possible levels of intellectual achievement is far-reaching and difficult to achieve."

K.D. Srivastava, vice-president, student and academic services, said that there is strong support for the WSO on campus and in the community.

"I am strongly supportive of the importance and the role of the WSO," he added. "I am also confident that UBC will continue to be a welcoming place for women students."

Trew said that the WSO will actively seek ways to work collaboratively with other campus organizations, fully support and promote joint projects and educational activities, and co-ordinate their activities with other campus and women's groups to serve the needs of women students.

## Green appointed director of Health Promotion Research Institute

Larry Green, who has served on the faculties of Medicine and Public Health at Harvard and Johns Hopkins universities and the University of Texas, has been appointed as the first director of UBC's Institute of Health Promotion Research.

Established in April 1990 within the Faculty of Graduate Studies, the institute provides an innovative focus for interdisciplinary research, education and collaboration, and service in the field of health promotion.

Green received his master's and doctoral degrees in public health at the University of California at Berkeley. He worked as a health educator in local, state and federal health agencies in California and for the Ford Foundation in Dhaka, East Pakistan (now Bangladesh).

He held several appointments at Johns Hopkins University between 1970 and 1979, including professor and head of the Division of Health Education.

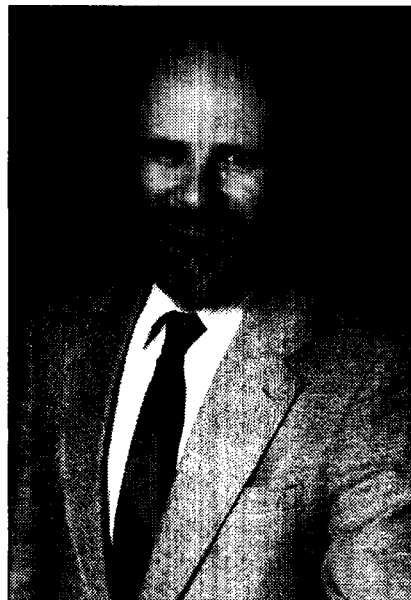
From 1979 to 1981, Green served in the Carter Administration as first director of the Office of Health Information, Health Promotion, Physical Fitness and Sports Medicine.

He was founding director of the Center for Health Promotion Research and Development at the University of Texas Health Sciences Center at Houston from 1981 to 1988.

Recently, Green served on the U.S. Preventive Services Task Force, the U.S. National Committee on Vital Health and Statistics and the Carnegie Commission on Adolescent Development. He currently chairs the National Research Council's Committee on Drug Abuse Prevention Research for the National Academy of Science.

His honors include the Distinguished Fellow Award of the Society for Public Health Education, the Presidential Citation, the Scholar Award and Distinguished Service Award of the Association for the Advancement of Health Education, the Distinguished Career Award of the American Public Health Association and Honorary Fellow of the American School Health Association.

Green's five-year appointment began July 1.



Green

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## HOMECOMING 1991!

### SEPTEMBER 26

**The Great Trekker Dinner.** S.U.B. Ballroom; 6:30 p.m.; \$40.00, \$25/students, payable to AMS. This year's recipient of the Great Trekker Award is **Rosemary Brown**, BSW '62, MSW '67, author, lecturer and politician. Rosemary is currently the executive director of MATCH International Centre, a nongovernmental development organization working with women in the 3rd World. Join us in celebrating Rosemary's achievements.

**P.E. & Recreation Mini Open House.** War Memorial Gym; 10 a.m. - 4 p.m. Contact: Kim McElroy (822-2505) or Barb Harvey (822-4452).

**Pharmacy Alumni 4th Annual Professional Practice Evening.** Ballroom, UBC Faculty Club; 7-10 p.m.; Admission free. Contact: Sunny Loo (432-1884 or 926-6046) or Barb Schoen (872-7270 or 875-4077).

### SEPTEMBER 27

**School of Social Work Mini Open House.** 6201 Cecil Green Park Road, 7-10 p.m. The School of Social Work is being moved in 1992, so don't miss this opportunity to visit Graham House! Contact Marty Lund 666-1356.

**Agricultural Sciences Division Barbecue.** MacMillan Building; 5:30-9:30 p.m. For new students, undergrads, faculty & alumni. Opportunity for students to meet & mingle with alumni already working in field. Contact: Shenton Tan (420-1756).

**Great Trek Remembered & Launch of the Sherwood Lett Biography "His Life and Times."** Cecil Green Park; 11:30 a.m.; Great Trekkers N/C. Others \$10. Grads from 1916 to 1929 are invited to attend this annual luncheon. A highlight of the event will be the launch of the official biography of Chief Justice Sherwood Lett, former president of the Alumni Association and chancellor of the university.

**P.E. & Recreation Tea Party.** War Memorial Gym; 7-9 p.m.

### SEPTEMBER 28

**Blue and Gold Classic Football Game.** Thunderbird Stadium, Kickoff 7:30 p.m.; Tickets available from Athletics; \$5/adults, \$3/seniors & non-UBC students \$1 (UBC students free)/children under 12. UBC Thunderbirds vs. Manitoba Bisons. More info, call 822-2531.

**Geography Alumni Alliance AGM.** Geography Building, Room 101; 11 a.m.; Meeting & presentation of Geography Alumnus of the Year Award. 12 noon; Geography Building; Barbecue. 1:30 p.m.; Geography Building, Room 101; Guest speaker. For more information call Chris Tourneau (263-4775).

**Rehabilitation Medicine Challenge Broomball.** Announcement on answering machine at 732-5180. Bring donation for the food bank. Broomball between alumni & undergrads, followed by an hour-long family skate.

### SEPTEMBER 29

**Arts '20 Relay.** Registration Sept. 9 until the day of the race. University and community teams will race from Vancouver General Hospital to UBC in the famous Arts '20 Relay. Following the race, there will be entertainment and a pancake breakfast for everyone.

**Nursing Division Homecoming Brunch.** 6251 Cecil Green Park Road; 11:15 a.m.; \$10/person. The Nursing Division invites alumni to a brunch where the grads of 10 and 25 years ago will be recognized. Please RSVP (822-3313) and send cheques to the UBC Alumni Association. Contact: Ann-Shirley Goodell (738-7524)

**School of Community & Regional Planning Barbecue.** Foyer, Frederick Lasserre Building; 2-5 p.m. Launch for the 1991-91 mentor programme. Contact: Alan Artibise (822-3276)

## REUNIONS sponsored by the UBC Alumni Association

The following reunions will be held this fall. For more information, call the Programmes Department at the Alumni Association (604) 822-3313.

1931—Class of 1931;  
1941—Engineering;  
1941—Class of 1941;  
1946—Applied Science;  
1951—Civil Engineering;  
1951—Mech. Engineering;

1956—Commerce;  
1961—Law;  
1961—Civil Engineering;  
1966—Medicine;  
1966—Law;  
1966—Pharmacy;

1971—Law;  
1976—Commerce;  
1981—Physical Education  
1981—Medicine;  
1981—Elec. Engineering;  
1986—Medicine.