

UBC REPORTS

Volume 40, Number 8

April 21, 1994



On A Roll

John Chong photo

Several thousand students took advantage of spring-like weather conditions to unwind with music, food, and fun at the Arts County Fair at Thunderbird Stadium March 31. Students had the opportunity to participate in several events, including human bowling and sumo wrestling.

Sharon Kahn appointed to lead UBC Equity Office

by Gavin Wilson

Staff writer

Sharon Kahn has been appointed as UBC's Associate Vice-president, Equity, for a five-year term.

In this newly created position, Kahn will be responsible for leading UBC's Equity Office in its mandate to enhance equity, respect and diversity at the university, said Daniel Birch, vice-president, Academic and Provost.

Kahn, a professor in the Dept. of Counselling Psychology who has served as UBC's inaugural director of Employment Equity for the past five years, is ideally suited for the position, Birch said.

As well as performing her administrative duties, Kahn has maintained an international reputation as a scholar for her research in counselling theory and practice, gender-fair issues, women's career development and employment-re-



Kahn

lated concerns. She has been a faculty member at UBC since 1975.

In seeking a candidate for the position, the university was looking for someone who knew UBC, its culture and organization, Birch added.

"Over the past several years, UBC has made demonstrable progress in the areas of equity and human rights, but much remains to be done," Kahn said.

"I intend to work not only to fulfill the university's present mandate for change, but also to ensure that the university's commitment to equity and human rights is expanded to

incorporate within its terms all groups whose full participation is necessary if UBC is to achieve educational and employment equity," she said.

The position of associate vice-president, Equity, was created as part of an administrative reorganization that sees the elimination of three other positions:

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Numbers unaffected

Admissions changes create fairer system

by Gavin Wilson

Staff writer

Upcoming changes in the way admission grades are calculated will not make it more difficult to get into UBC — but it will make it fairer, said Robert Will, chair of the Senate admissions committee.

Beginning in 1995-96, high school students seeking entrance to UBC will have their grade point average calculated on marks from English 12 and three other Grade 12 courses that have province-wide final exams. Currently, a mix of nine Grade 11 and 12 courses is used for most programs.

The changes, which were passed by UBC's Senate in the fall of 1992, became the subject of recent news reports that portrayed them as a toughening up of UBC entrance requirements.

But as Will points out, this is inaccurate. There is no reduction in the number of new students who will be admitted to UBC and no reason to believe that the new requirements will themselves raise the grade point average needed for admission.

"What these changes mean is that it will be harder for some students to get in, but easier for others," he said, adding that this point is not widely understood.

A major benefit of the new system is that it will make grades used in determining admission more comparable.

Courses without provincial exams are not taught in all school districts, and some are even locally developed, making a comparison of the grades of students from different parts of the province difficult, Will said. For example, Grade 12 Italian is currently taught in only one district.

Examinable courses, meanwhile, are the most widely offered across the province, and provide a better yardstick of student accomplishment, he said.

The changes also bring UBC into line with other universities in B.C. and elsewhere, which calculate admission averages on a narrower base of marks in selected Grade 12 courses. Where UBC differs is in requiring that these courses be among the 14 Grade 12 courses that are examinable.

Some argue it is unfair that courses that are not examined provincially, such as Western Civilization, Music, Japanese, Mandarin Chinese and Computer Studies, will no longer count towards the grade average.

In particular, a lobby representing teachers of Asian languages is upset with the UBC decision, saying students will

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Feds renew funding for UBC research programs

by Gavin Wilson

Staff writer

The federal government has renewed funding for 10 of the Networks of Centres of Excellence, including the three networks that are based at UBC, while closing or altering four others.

Among the 10 networks receiving funding for the second four-year phase of the program are the UBC-based Protein Engineering Network, Canadian Bacterial Diseases Network and Canadian Genetic Disease Network.

The federal Industry Dept. and the three granting agencies that administer research grants will spend \$197 million over the next four years funding phase two of the program.

"I'm pleased with the success of the networks in round one. The refinancing

of so much of their activity is a solid measure of their value," said Robert Miller, UBC's vice-president, Research.

"UBC has come out exceptionally well once again," said Malcolm McMillan, director of UBC's Networks of Centres of Excellence administration office.

UBC researchers are members of all 10 networks. One department, Electrical Engineering, is directly involved in four of the five networks that deal with engineering.

"I don't know of any other department in the country that can make that claim," said department head Robert Donaldson.

Six of the department's 32 faculty members are network research leaders, he added, and several others collaborate with research leaders.

But a handful of other UBC research-

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Letters

Massage helps athletes

Editor:

The story "Massage Doesn't Enhance Athletic Performance: Study" (UBC Reports, April 7) notes that "active recovery at 65 per cent of maximal swimming velocity is more effective than either massage or passive recovery in reducing lactate levels to resting levels following repetitive, high-intensity exercise."

Can one safely conclude that since massage was found to be ineffective in reducing blood lactate following high-intensity exercise that massage doesn't enhance athletic performance? What a ridicu-

lous conclusion. However, I would concur with the results of the study. I have found that the most effective means of reducing blood lactate following high intensity exercise is the active warm-down and not massage.

This is obvious because during high-intensity exercise, skeletal muscle becomes infused with about seven to 10 times the resting volume of blood. The most efficient, effective method is to move aerobically, perhaps 65 per cent of maximal intensity. No other means can flush out or make inert the metabolic waste products (lactic acid) in muscle tissue.

Massage therapy involves many systems in the body, not

just the circulatory system. It provides relief of pain and restriction caused by muscles that have been "stressed" in training, or life. Massage therapy enhances an athlete's commitment to high-performance by ensuring optimal neuro-muscular function. Muscles that are not hypertonic perform much better and are more extensible, joints are more flexible and muscles are functionally stronger than when muscles are tight, sore or dead. Healthy muscles can contract fully their entire length and then relax. Movement is more efficient and performance is enhanced.

Andrew Peters
Registered Massage
Therapist, Vancouver

Admissions

Continued from Page 1

view these programs as electives and not part of the core academic curriculum.

"There is nothing we can do that doesn't have an impact on course selection," Will said. "Our existing admissions policy undoubtedly affects course selections in high schools."

However, language courses that are not examinable — from Mandarin Chinese to Japanese, Hebrew, Russian and native languages such as Nishga, Nuxhalk and Athapaskan — still satisfy UBC's language requirements, Will pointed out.

UBC contacted high school principals and head counsellors about the changes in September, 1992, and received a very positive response, he added.

Will said this issue is only one aspect of a larger issue facing admissions at UBC. With limited spaces and an ever-increasing demand, grade point averages required for entrance have soared out of reach of an increasing number of prospective students.

The ever-increasing grade point average required for admission to UBC has raised the question of whether it should be the sole criterion for admission.

Some proponents of a different admission system argue that students' abilities in non-academic pursuits such as athletics, the performing arts and leadership should also be considered.

"The fact is, many students

are now admitted who already excel in both academics and these other areas," Will said.

He cautioned against hope for a panacea to the current admission problem.

"Whatever policy or criteria are used to select students for admission, the basic problem remains, which is one of a limited number of places and an increasing number of students competing for them," he said.

"Whatever critics may say of our existing or new admissions policy," he added, "it is important to recognize that the processing of applications is 'transparent' with respect to how admission decisions are arrived at. This contributes to the perceived fairness of the system."

Equity

Continued from Page 1

director of Employment Equity, director of Multicultural Liaison and advisor on Women and Gender Relations.

The reorganization was needed to improve co-ordination, establish a coherent organization and address staffing needs as the university

pursues its stated responsibility of ensuring a work and study environment free from discrimination and harassment, Birch said.

Among other duties, Kahn will be responsible for dealing with complaints of discrimination, harassment and violations of human rights; administering

UBC's employment equity program; promoting research in human rights issues; and heightening awareness of issues such as racism, sexual harassment, under-representation of women, visible minorities, persons with disabilities and aboriginal peoples.

Networks

Continued from Page 1

ers, who are associated with networks slated to close, will lose their funding.

These include five faculty members in the Dept. of Chemistry who are members of the Centre of Excellence in Molecular and Interfacial Dynamics Network.

The other networks that are expected to lose their funding in the fall are the Canadian Network for Space Research and Insect Biotech Canada.

A fourth group, the Ocean Production Enhancement Network, will be shifted to the federal Dept. of Fisheries for a year. Another of the original 15 networks, which researched aging, did not submit an application for funding renewal.

UBC received \$35 million in phase one funding. McMillan said it is not yet known exactly how the university will fare with phase two.

"We're in the middle of sorting that out. We don't know how much funding will be coming to the university and how it will

compare with last time," he said.

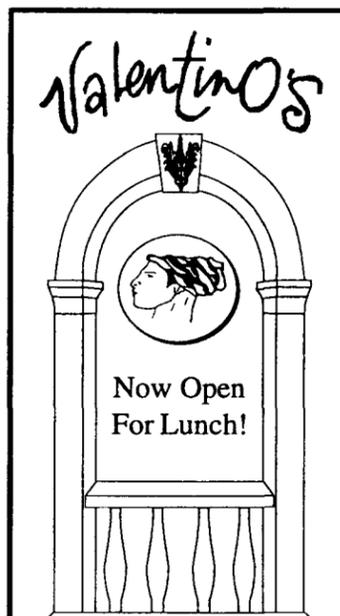
Of the \$197 million in phase two funding, federal officials said \$48 million would be used for new networks in areas such as trade, competitiveness and sustainability, health research, technology-based learning, advanced technologies or the environment.

"That's exciting news for us," McMillan said. "There are many projects at UBC that we expect will do extremely well in competition for that funding."

As well, there are indications that the provincial government will provide an unspecified amount for network infrastructure funding, he added.

UBC received \$14.4 million from the province during phase one to cover the costs of a building lease, renovations, personnel and equipment.

Up to now, UBC was involved with 12 of 15 networks, which linked more than 800 researchers, 1,400 graduate students, 500 post doctoral fellows, 35 universities and 30 federal and provincial departments.



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UBC REPORTS

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Days lost to injury double in one year

by Abe Heffer

Staff writer

Faced with a significant increase in the severity of work-related accidents on campus, the Dept. of Health, Safety and Environment is looking at ways to address the problem.

According to figures contained in the department's 1993 annual report, the number of days lost to accidents more than doubled from 2,594 in 1992 to 6,468 in 1993.

This despite the fact that the number of accidents reported in 1993 increased by only 8.5 per cent over 1992, from 193 to 249.

"An 8.5 per cent increase in the number of accidents isn't necessarily unexpected," said department Director Wayne Greene.

"What especially concerns me is the significant increase in the severity of injuries, which results in more people being off work for a longer period of time."

In 1990, the average number of days lost per claim totalled 16.22 days. That figure dropped to less than 14 days over

the next two years, before ballooning to almost 26 days in 1993.

"A substantial increase in the number of back and repetitive motion injuries would have something to do with the increase in average days lost per claim," Greene said.

"People who return to work rapidly following an accident are much happier."

- Wayne Greene

In an effort to maintain and encourage safety awareness, the department has established liaison representatives to work with different departmental safety committees.

One way of reducing the number of days lost due to injury would be to allow an employee to return to work as early as possible, said Greene.

"We're investigating ways of getting people back to work, either in a fully functioning capacity, or with a reduced or altered work load, perhaps in another area of campus, until they are ready to return to their original duties."

"People who return to work rapidly following an accident are much happier. The job is very important to them and we want to make it easier for them to return to work."



John Chong photo

Clash Of The Titans

A pair of sumo wrestlers prepare for battle during the student-organized Arts County Fair held at Thunderbird Stadium March 31. Would-be sumo combatants donned the special suits before wrestling on padded mats.

Study to explore panic disorder and depression

by Abe Heffer

Staff writer

Going shopping or driving a car might be everyday occurrences for most people. But for people who suffer from panic disorder, a simple stroll down the aisle at the local supermarket can turn into a nightmare.

"The slightest physical or emotional stimulation can make panic sufferers feel like they're going to have a stroke or a heart attack," said Dr. Sheila Woody, a post-doctoral fellow in the Dept. of Psychiatry who is studying the treatment of panic disorder and depression.

"They begin to sweat, their hearts start to pound, they have difficulty breathing. Interpersonal conflict can also bring on a panic attack," said Woody.

Panic sufferers cost the provincial health care system approximately \$4 million a year in unwarranted trips to the emergency room, cardiologists or other medical specialists.

"These people aren't dying, but they think they are. And when they're not having panic attacks, they're worried about the next one striking," said Woody.

About 45,000 British Columbians suffer from panic disorder and another 200,000 suffer from depression. Often, the two disorders go hand in hand.

"People who suffer from depression are 18 times more likely to suffer from panic disorder," said Woody.

"When I say depression, I'm not referring to a day of the blues. This is at least two weeks of having a difficult time get-

ting through every day of your life."

Until now, research has focused on treating either panic disorder or depression, rather than both, when in fact they frequently occur together.

"Although current treatment is effective for the person who suffers from panic disorder or depression, we are researching its effectiveness for the person who suffers from both," Woody said.

Cognitive behaviour therapy is used to treat panic disorder and depression by helping sufferers start doing the things they've been too panicky or depressed to do. They begin to rationally evaluate the ideas they have about their panic or depression.

"By learning more about how it is that both of these problems respond to treatment, we might learn more about how they are linked."

Woody is seeking 150 participants who feel they may be suffering from depression or both depression and panic disorder. Potential participants will be initially screened over the phone to see if they are suitable for the study. A more in-depth screening will follow before therapy begins.

Treatment includes up to 20 weekly individual therapy sessions at UBC, between 60 and 90 minutes in length. Participants must be adults who are not currently receiving psychological treatment for depression or panic disorder.

For more information, phone the Stress and Anxiety Unit in the Dept. of Psychiatry at 822-7154 during business hours.

"These people aren't dying, but they think they are. And when they're not having panic attacks, they're worried about the next one striking."

- Sheila Woody



Offbeat

by staff writers

Stan Coren calls it his "dog and pony show." The psychology professor is referring to the surge of publicity for his new book, *The Intelligence of Dogs*, published this month by The Free Press.

Coren, who is also a dog trainer, got 100 dog obedience judges to rate 133 breeds for working and obedience intelligence. The resulting list is attracting a lot of attention.

The story has been front page news from the perky USA Today to the staid London Times, which lamented in its headline, *British Bulldog Fails Test*.

And now Coren is wrapping up an intensive 12-day publicity tour of the United States that had him booked on some of the biggest television programs in the country.

The lineup included the Late Show with David Letterman, Larry King Live, Good Morning America, NBC Dateline, CNN Morning News and CBS' Up to the Minute.

As well, Coren spent an exhausting day doing a radio and television satellite tour. For six hours he sat in a studio and did consecutive interviews with 14 different television stations and 20 radio stations from coast to coast.

At least no one can accuse him of dogging it.

"My publisher said he hasn't had so much advance publicity since *The Pentagon Papers*," said Coren, who shakes his head at all the attention.

Why such a response?

"Because we are all dog mad," Coren said. "Everybody loves their dogs and thinks theirs is the smartest in the world."

"This has put a little bit of competitiveness into dog-owning," he chuckled.

Topping Coren's doggy I.Q. list are border collies, poodles, German shepherds, golden retrievers and Doberman pinschers. Bringing up the rear are chow chows, bulldogs, and, dead last, Afghan hounds.

As dogs, Afghans make "perfect fashion accessories," Coren said.

Although written for a general audience, the book is more serious than is suggested by reports that focus on the list. It is in fact, a product of dogged research.

Officials warn of hazard posed by Point Grey cliffs

Rescue officials are warning people to stay away from the Point Grey cliffs after a 21-year-old man received minor injuries in a fall near Cecil Green Park on March 29.

A rescue team from the University Endowment Lands Fire Department removed the injured man on a stretcher after he fell 25 metres down an embankment.

A Coast Guard hovercraft was called

to the scene but was not used in the rescue effort.

"People should be aware how dangerous these cliffs are," said assistant fire chief Al Hokanson, "but we don't know how to isolate the cliff edges to prevent accidents."

"Some areas have fences in place to keep people away, but unfortunately, in some instances, people climb over fences to gain access to the cliff edges."

Calendar

April 24 through May 7

Monday, Apr. 25

BCCRC Seminar

In Vitro Studies Of Two SH2 Domain-Containing Protein Tyrosine Phosphatases. Frank Jirik, Biomedical Research Centre. BCCRC lecture theatre at 12pm. Call 877-6010.

Health Research Seminar

A Seminar On The National Health Research And Development Programs. Mary Ellen Jean, dir. general, Extra-Mural Research Directorate, Health Canada. IRC #5 from 4-5:30pm. Call 822-2258.

Tuesday, Apr. 26

Animal Science Seminar Series

Current Poultry Research At Agassiz Research Station. Dr. Tom A. Scott, poultry research scientist, ARS, MacMillan 260 at 12:30pm. Call 822-4593.

Air Quality Management Seminar

Continues Apr. 27. A Presentation Sponsored By B. C. Environment. A wide range of air pollution issues; management approaches; policies; rules and regulations. Various senior officials/academics/politicians as speakers. Matsqui Centennial auditorium from 9am-5pm. Registration req'd. Call 822-3347.

Wednesday, Apr. 27

Orthopaedics Grand Rounds

Diagnostic Dilemmas And Challenges In Problem Solving: Interesting Case Presentations. Dr. Robert W. McGraw, prof. and head. VGH Eye Care Centre at 7am. Call 875-4272.

Pharmaceutical Sciences Seminar

Adenosine Or Verapamil? That Is The Question. Ms. Linda Sulz, PhD student, Clinical Pharmacy. IRC #5 from 4:30-5:30pm. Call 822-4645.

Thursday, Apr. 28

BCCRC Seminars

Photodynamic Therapy: Preclinical/Clinical Studies At The Netherlands Cancer Institute. Dr. Fiona Stewart, Netherlands Cancer Institute, Amsterdam. BCCRC lecture theatre at 12pm. Call 877-6010. Prediction Of Tumour And Normal Tissue Radiosensitivity By Chromosome Damage Using Fluorescence In Situ Hybridization. Dr. Adrian Begg, Netherlands Cancer Institute, Amsterdam. BCCRC lecture theatre at 3pm. Call 877-6010.

Friday, Apr. 29

Health Care/Epidemiology Rounds

Comparison Of Birth Outcomes For Birth Attended By Physician, Certified Nurse Midwife And Licensed Midwife. Pattie Jansen, BSN, research assoc., Grace Hospital. Mather 253 from 9-10am. Call 822-2772.

Continuing Studies Lecture Series

Art And Physics: Parallel Visions In Space/Time/Light. Leonard M. Shlain, chief of endoscopic

surgery, Pacific Medical Centre, Calif. IRC#6 from 7:30-9:30pm. \$20. Pre-registration req'd. Call 222-5203.

Pediatrics Grand Rounds

Research Is Not Just For Researchers. Dr. Ruth Milner, Research Consulting Unit, Research Centre. GF Strong auditorium at 9am. Call 875-2307.

Saturday, Apr. 30

Continuing Studies Field Studies Trip

Wildflowers Of Vancouver Island. Alison Watt, biologist and naturalist. \$90. Pre-registration necessary for time and place. Call 222-5203.

Monday, May 2

Continuing Studies Travel Program

May 2-8. Art Tour Of New York. Mona Goldman, artist and lecturer. \$2040 (includes \$365 tax deductible tuition). Call 222-5203.

Physiology Seminar

Pharmacological Probes Of Ampa Receptor Function. Dr. Sean Donevan, National Institute of Neurological Disorders And Stroke, Bethesda, Maryland. IRC #5 at 12:30pm. Call 822-9235.

Tuesday, May 3

Faculty Development Seminar

The Scholarly Scribe. Bill New, Judith Segal; Jane Flick, English. Family/Nutritional Sciences 30/40 from 9am-3pm. Call 822-9149.

Continuing Studies Workshop

Relief Printmaking. Davida Kidd, MVA, U. of Alberta. Lasserre 204 from 7-10pm. \$135. Pre-registration req'd. Six consecutive Tuesdays. Call 222-5203.

Wednesday, May 4

Orthopaedics Grand Rounds

Interesting Physical Findings. Dr. R.W. McGraw, Eye Care Centre auditorium at 7am. Call 875-4272.

Continuing Studies Studio Course

Abstract Painting. Peter John Voormeij, The Netherlands. U. of Utrecht/Royal College of Art and Design. Duke Hall lower studio from 9am-12pm. \$170. Pre-registration req'd. Eight consecutive Wednesdays. Call 222-5203.

Thursday, May 5

MOST Workshop for UBC Staff

Records Management: Classification System Selection. Facilitator is Alexandra Bradley assisted by Els Mol. Brock Hall seminar room 0017 from 9am-12pm. \$35. Call 822-9644.

Centre for Applied Ethics Colloquium

The Ethics Of Compromise. Sara T. Fry, Nursing, U. of Maryland at Baltimore. Angus 225 from 4-5:30pm. Call 822-5139.

Continuing Studies Studio Course

Sandblasting And Engraving

Glass. Liese Chapman, international exhibiting artist. Carr Hall boardroom from 7-9pm. \$235. Pre-registration req'd. Call 222-5203.

Friday, May 6

Pediatrics Grand Rounds

Prenatal Hormones For Neonatal Lung Disease — Concensus 1994. Dr. Roberta Ballard, prof. and dir. of nurseries, U. of Pennsylvania. GF Strong auditorium at 9am. Call 875-2307.

Notices

Student Housing

The off-campus housing listing service offered by the UBC Housing Office has been discontinued. A new service offered by the AMS has been established to provide a housing listing service for both students and landlords. This new service utilizes a computer voice messaging system. Students call 822-9844, landlords call 822-9847.

Campus Tours

School and College Liaison tours provide prospective UBC students with an overview of campus activities/faculties/services. Fridays at 9:30am. Reservations required one week in advance. Call 822-4319.

Disability Resource Centre

The centre provides consultation and information for faculty members with students with disabilities. Guidebooks/services for students and faculty available. Call 822-5844.

Women Students' Office

Advocacy/personal counselling services available. Call 822-2415.

Sexual Harassment Office

Advisors are available to discuss questions or concerns and are prepared to help any member of the UBC community who is being sexually harassed find a satisfactory resolution. Call 822-6353.

Clinical Research Support Group

Faculty of Medicine data analysts supporting clinical research. To arrange a consultation, call Laurel at 822-4530.

Annual Plant Sale

Outdoor annuals/perennials; geraniums, tropicals. Cash and carry. Plant Science Greenhouse from 9am-5pm. Call 822-3283.

Chemical Engineering Seminar

Pervaporation Membrane Separation Processes: An Overview. Dr. Robert Huang, Chemical Engineering, U. of Waterloo. Chemical Engineering 206 at 3:30pm. Call 822-3238.

Health Care/Epidemiology Rounds

Adolescent Health Survey. Dr.

Roger Tonkin, assoc. prof., Pediatrics; head, Adolescent Health. Mather 253 from 9-10am. Call 822-2772.

Saturday, May 7

Continuing Studies Workshop

Oriental Medicine Wheel - Part III: A Hands On Acupressure Massage Workshop. Dr. Danica Beggs, UBC grad in private practice. Carr Hall conference room from 9am-5pm. Continues May 8. \$150. Pre-registration req'd. Call 222-5203.

Pharmacology/Therapeutics Drug-Interaction Study. Volunteers required. Simple eligibility screening. Honorarium upon completion of study. Call 822-4270.

Human Sexual Response

The departments of Psychology and Pharmacology are conducting a study directed toward physiological arousal in women. Volunteers must be between 18-45 and heterosexual. \$40 honorarium. Call 822-2998.

Dermatology Clinical Trials

Athlete's Foot. Volunteers between the ages of 18-65. Lab tests required. Reimbursement for qualified volunteers upon completion of study. Call 875-5296.

Acne Study. Must be 25 yrs. or younger. 5 visits over 12-week period. No placebo involved. Honorarium. Call 875-5296.

Basal Cell Carcinoma Study. Superficial Tumours. 18 yrs./older. Six visits over 16 weeks. Honorarium upon completion. Call 875-5296.

Psoriasis Study. 18 yrs./older. Five

visits over eight-week period. Working with a new topical medication (Dovonex). Above studies take place at 855 West 10th Ave. Call 875-5296.

Statistical Consulting/Research Laboratory

SCARL is operated by the Dept. of Statistics to provide statistical advice to faculty/graduate students working on research problems. Call 822-4037.

Surplus Equipment Recycling Facility (SERF)

Disposal of all surplus items. Every Wednesday, 12-5pm. Task Force Bldg., 2352 Health Sciences Mall. Call Vince at 822-2582/Rich at 822-2813.

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Open weekdays only from 10am-3pm. Call 822-6038.

Botanical Garden

Open daily from 10am-6pm. Shop In The Garden, call 822-4529; 822-9666, the gardens.

UBC REPORTS

CALENDAR DEADLINES

Calendar items must be submitted on forms available from the UBC Community Relations Office, 207-6328 Memorial Road, Vancouver, B.C. V6T 1Z2. Phone: 822-3131. Fax: 822-2684. Please limit to 35 words. Submissions for the Calendar's Notices section may be limited due to space. Deadline for the May 5 issue of UBC Reports — which covers the period May 8 to May 21 — is noon, April 26.

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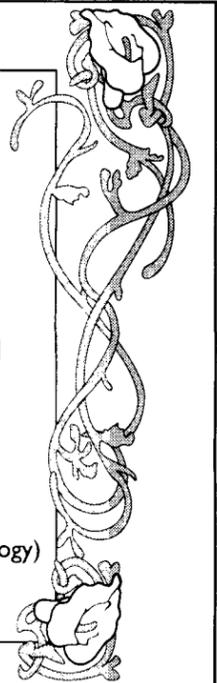
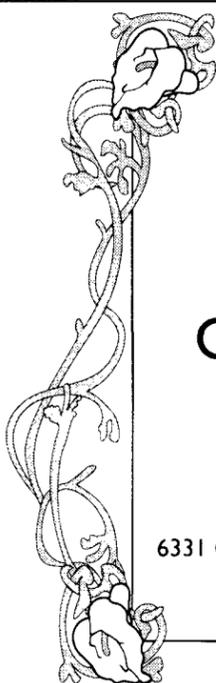
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11am - 2pm

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September '94**

Our daycare is located at the edge of Pacific Spirit Regional Park, in the small cottage-like setting of UBC Child Care. We are now filling spaces in our September '94 classes. One class is full and we would like to confirm enrolment for a second class by June 1st. Maximum class size is 16 children. Come for a visit and observe our program.

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Science One pilot year a success with students

by Gavin Wilson

Staff writer

Students enrolled in the inaugural year of Science One have given the thumbs up to the innovative new program, which brings a select group of first-year students together for interdisciplinary studies.

The program, believed to be the first of its kind in Canada, offers an alternative to traditional first-year science, in which students take separate courses in mathematics, physics, biology and chemistry.

The approach in Science One stresses the inter-relation between the sciences and helps remove the artificial barriers between disciplines, said Juliet Benbasat, a faculty member in the Dept. of Microbiology and Immunology who heads the program.

In the program, a group of 48 students were team-taught by seven faculty members from different scientific disciplines. Guest lecturers spoke on topics such as evolution and forensic chemistry.

"I was very pleased with the way the program went in its pilot year. It was better than we had hoped for," Benbasat said.

"These students are all very motivated, and there is something very special about them — they are risk-takers, willing to take a chance on an untested

program because of the educational objectives it offers," she said.

The program's small class size was an aspect of the program students liked a lot, especially in their first year at UBC.

"The small class size and the ability to interact one-on-one with a professor meant a lot to me," said Anna Greatrex, one of the students who volunteered their opinions on the course.

"I went to school in Pemberton in a school with 250 students. Coming from a school that small to a university this big, the class size really helped me," Greatrex said.

Classmate Peter Gorniak said: "With the smaller class size, we got to know the faculty and, more importantly, the faculty got to know us.

"The social interaction makes learning a lot easier. Sometimes the atmosphere in the classroom was just amazing," he said.

The classmates became so close-knit they formed their own club, Science One Survivors, or SOS, so they can remain in touch as they go their separate ways in second year.

Student Edna Lee said she liked the large number of instructors who were always present in the classroom.

"I liked the dedication and commitment of the instructors. They were always there at the end of class to answer ques-

tions, and if we needed help, they would arrange a special tutorial," she said.

Student Cheng-Han Lee said his friends in other science courses memorized formulas, but did not always understand them. In Science One, students understood the concepts behind the formulas, he said.

Julie Chelliah said Science One students were encouraged to ask questions, to think and solve problems in different ways instead of just memorizing chapters in text books.

Benbasat agreed: "They started to think like scientists."

Gorniak said that he believes most Science One students will go on to have an important impact on their second-year classes because "they'll be able to see the inter-relationships between the sciences better, they will be better communicators and problem-solvers."

Greatrex said she would recommend the program to other students who are prepared for a less structured classroom environment and are willing to put in the extra effort.

"A lot of the stuff we do is for the pure joy of science," she said.

Science One is accepting applications until April 30. For more information and application forms, call the Science One office at 822-5552, fax 822-5551 or e-mail Benbasat@unixg.ubc.ca.

News Digest

Harry Adaskin, the founder of the music department at UBC and a noted teacher, writer and broadcaster, died April 7 in Vancouver. He was 92.

Adaskin, a native of Riga, Latvia, was brought to Canada as an infant and began playing violin at the age of seven. He joined the Hart House Quartet when it was formed in 1924, as a second violinist. As the first fully subsidized Canadian string quartet, it went on to receive international acclaim.

Adaskin established the music department at UBC in 1946 and remained department head for 12 years. In addition to his academic duties, Adaskin and his wife, pianist Frances Marr, offered evening extension courses at UBC that included concerts and lectures.

Adaskin retired from UBC in 1973.

The Alma Mater Society (AMS) will hire the editor-in-chief of the Ubysey student newspaper this fall following a controversial decision made at a recent student council meeting.

Until now, Ubysey staffers chose their own editors.

Officials at the AMS, which is the newspaper's publisher, said they made the move to improve the newspaper's quality and reputation on campus and increase accountability.

Ubysey staffers were critical, saying it will destroy the paper's political independence and silence the major voice of opposition to AMS leaders.

Last year, the AMS halted publication of the summer edition of the paper and set up a publications board to oversee editorial policy at AMS-financed publications.

Two UBC students and a Kitsilano High School student are recipients of the Leaders of Tomorrow Awards from Volunteer Vancouver.

The Leaders of Tomorrow Awards, sponsored by UBC, recognize young people who have contributed to their communities through exceptional voluntary activity.

Fourth-year pre-med student Winston Yeung,

21, is a veteran volunteer, having already put seven years into charitable work. Among his many volunteer commitments, Yeung has worked at B.C.'s Children's Hospital, with the Children's Miracle Network Telethon and the Red Cross Donor Drive.

Yeung is also president of UBC's Pre-Medical Society.

Andrew Tong, a fourth-year Commerce student, is founder and chair of UBC's Commerce Community Programs (CCP). This outreach program, which started with no budget and no volunteers, now has 100 members working to support community organizations.

CCP has raised funds for Canuck Place, United Way, Sunny Hill Hospital, the Canadian Cancer Society and the Vancouver Food Bank.

Severn Cullis-Suzuki, 14, works promoting environmental causes and championing the rights of aboriginal peoples. She helped found the Environmental Children's Organization and has been honoured by the United Nations for her work. Her speech to the Earth Summit in 1992 was a highlight of the international meeting.

The awards were presented at the seventh annual Volunteer Vancouver volunteer awards ceremony April 13 where a cross-section of community volunteers were recognized for their work.

UBC's Faculty of Medicine will host the 51st annual meeting of the Association of Canadian Medical Colleges April 23 to 27 at the Four Seasons Hotel in Vancouver.

The conference program is designed to respond to the critical issues currently facing academic medicine, said Dr. Martin Hollenberg, dean of the Faculty of Medicine and chair of the 1994 annual meeting program committee.

Topics will include new directions in federal funding for research, ethical issues, alternate forms of managing health systems, medical education and society and the organization of teaching hospitals.

For more information, call 822-4303.

We're Moving

Continuing Studies Credit Programs (Offices of Extra-Sessional Studies and UBC Access Guided Independent Study) and **Non-Credit Language Programs** will be moving to a new location in the University Services Building (USB) over the next month. There will be no change in Credit Programs telephone or fax numbers.

Credit Programs

Extra-Sessional Studies will move from the Cecil Green Coach House to USB on April 19.

UBC Access Guided Independent Study will move from the Library Processing Building to USB between April 15 and May 18.

Non-Credit Programs

Language Programs and Services will move from Carr Hall, Centre for Continuing Education to USB on April 26. Walk-in non-credit registrations will continue to be handled at Duke Hall, Centre for Continuing Education (5997 Iona Dr, Vancouver, B.C. V6T 1Z1). Call 222-2181 for up-to-date information on telephone and fax numbers.

Thank you for your patience during these moves — we will respond to your calls as soon as possible!



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Athletics head envisions return of baseball to UBC

by Abe Heffer

Staff writer

The boys of summer are back, and if Bob Philip has his way, they will eventually make their way back to UBC.

Initial discussions are under way with Baseball Canada, Baseball B.C. and the National Baseball Institute to bring baseball back to UBC, said Philip, director of Athletic and Sport Services.

"The response from these groups has been very favourable. They would be happy to help develop baseball in the province through UBC."

Philip said there are two questions that remain to be answered as he explores the possibility of once again starting up the baseball program at UBC: "What league would we play in and could we secure the appropriate funding?"

"We could hook up with a number of U.S.-based university and college teams in the Pacific Northwest, if we could align ourselves to their schedules. I would like to think that we would be able to play our home games at Nat Bailey Stadium if we could work something out with the Vancouver Canadians' Pacific Coast League schedule."

Philip says any move to "play ball" at UBC is probably still several years away. If it happens, it won't be the first time UBC competes against U.S. col-



Bob Hindmarch played ball for UBC from 1948 to 1953.

leges and universities on the diamond.

The crack of the bat was heard on campus from the late 1940s until the mid 1960s, with teams from the University of Washington and Seattle University among the competition.

Bob Hindmarch, now the director of External Affairs for Athletics and Sport Services, donned the catchers' gear for UBC from 1948 to 1953.

"We played ball at the old Capilano Stadium," Hindmarch said.

"It was good-calibre baseball.

Even now I'm convinced it's a program we could be competitive in."

Pitcher Sandy Robertson was perhaps UBC's finest baseball player. After graduating from the Faculty of Engineering in 1946, Robertson signed with the Boston Red Sox and embarked on a professional career with the Louisville Colonels and the Durham Bulls.

As Athletics Archivist Fred Hume points out, Robertson was one of a number of UBC

players to sign professional baseball contracts, including Dan Miscisco, Doug Latta, Norm deLeenheer, John Drysdale, Don Cowan, and John Haar.

Haar is head coach at the National Baseball Institute (NBI), which fields a team of B.C.-based athletes that competes against universities and colleges from the U.S. West.

The NBI currently includes two UBC students, pitcher Rick Ramsbottom from the Faculty of Commerce and infielder Dave Colquhoun from the School of Human Kinetics.

Seminar targets differences in male, female leadership styles

by Abe Heffer

Staff writer

Understanding the differences in leadership and communication styles between men and women will lead to a healthier corporate environment for all employees, according to organizational behaviourist Nancy Langton.

Many female managers aren't always viewed as being as competent

as their male counterparts, said Langton, an assistant professor in the Faculty of Commerce and Business Administration.

"To resolve this situation, it's necessary to understand the often different styles of leadership and communication exhibited by men and women," said Langton, who will address these differences at a seminar hosted by the faculty's Executive Programs.

Studies have shown that, on average, men are more action oriented when it comes to the decision-making process. Women tend to care more about relationships and group dynamics.

"When comparing the two, it's the male style of leadership and communication that has been evaluated as better and thus

more likely to lead to promotion," said Langton.

"However, once you progress to the senior management level, it's been shown that you need people who are relationship oriented,

as women tend to be. Ironically, that's not necessarily the kind of person who is being promoted."

Langton said it's important to get rid of the perception that the so-called male style of

leadership is the approved style of leadership.

In fact, she added, as organizations continue to move from the white male corporate image, and begin to diversify along gender and racial lines, women will likely be better suited for this

organizational diversity because they are more relationship oriented.

Langton stressed there is no "right" way when it comes to leadership. The key is for men and women to understand that differences exist.

"What's needed is a management style that is more in tune to who we are as individuals."

The seminar, Men's and Women's Leadership Styles: Should They Be Different?, will be held April 28 at the E.D. MacPhee Executive Conference Centre in the Henry Angus Building.

Seminar topics include the changing face of management, factors that affect how female managers are perceived and the differences between male and female management styles.

For more information phone Executive Programs in the Faculty of Commerce and Business Administration at 822-8400.

"What's needed is a management style that is more in tune to who we are as individuals."

- Nancy Langton

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The deadline for the May 5, 1994 issue of UBC Reports is noon, April 26.



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GREEN COLLEGE

Application for Non-Resident Faculty Membership

Green College invites applications from UBC faculty who wish to be non-resident members of the College. The term of membership is two years from September 1, 1994. Selection is based on academic distinction, interdisciplinary interests and receptiveness, commitment to participate in College life, and a balance in membership in terms of discipline, rank and gender. Please send a letter of interest and a curriculum vitae to:

The Membership Committee
Green College
6201 Cecil Green Park Road
Vancouver, B.C. V6T 1Z1
Tel: 822-8660

The deadline for applications is May 31, 1994.



Gavin Wilson photo

Science Savvy

Kevin Siu, a Grade 9 student at Burnaby North Secondary, compares the environmental costs and cleaning power of detergent vs. washing soda at the Greater Vancouver Regional Science Fair. UBC is the principal sponsor of the event, which brought 240 secondary school students and their 170 science projects to the SUB ballroom April 7-9. Students with the top six projects go to the Canada-wide Science Fair held at the University of Guelph in May.

Senate approves steps to deal with labour disputes

Senate has approved two recommendations made by the Senate Committee on Academic Policy in the event of a labour/management dispute on campus involving picket lines.

In such an event, a committee on academic guidelines will be established and will include the vice-president, Academic and Provost as chair; the chair of the Senate Academic Policy Committee; three deans; two student senators and the registrar.

In addition, a senior faculty member will be designated to serve as arbiter for students who have sought to resolve their concerns within their faculties, but feel

they have been treated unfairly.

In attempting to formulate a detailed policy regarding the academic position of students in future labour disputes at UBC, as requested by Senate in 1992, the committee concluded that it is impossible and undesirable to attempt to anticipate all eventualities since many circumstances are unique to a specific labour/management dispute.

The committee felt it essential that guidelines be provided for each particular occasion, that students be involved in the process, and that those students who feel they have been treated unfairly be able to voice their concerns.

Child and family health focus of UBC, Children's Hospital effort

by Connie Filletti

Staff writer

UBC and B.C.'s Children's Hospital (BCCH) will establish an academic research institute in child and family health. A proposal to establish the institute was passed by UBC's Senate last month.

The institute will provide a mechanism for facilitating collaborative research undertaken by members of the university and the hospital, said Dan Birch, vice-president Academic and Provost.

"This partnership reflects the increasing need to create clear linkages and networks between academic institutions and health care centres in the commu-

nity, and will ensure the highest possible standards of scientific excellence in all activities related to child health research," he said.

Research activities of the institute will include identifying major problems affecting children, mothers, babies, women and families, said Dr. David Hardwick, associate dean of Research and Planning in the Faculty of Medicine.

"This will complement adjacent programs at B.C.'s Women's Hospital and Health Sciences Centre," he added.

Approximately \$10 million in annual on-going grants provided by the BCCH Foundation will fund the institute during the next five years.

People

by staff writers

Julian Davies, head of the Dept. of Microbiology and Immunology, has been elected a fellow of the Royal Society of London.

Davies joins a handful of UBC faculty members, Nobel Prize winner Michael Smith among them, elected to the Royal Society, whose membership has included naturalist Charles Darwin, mathematician Isaac Newton and chemist Michael Faraday.



Davies

Davies' research centres on how antibiotics work and how microbes become resistant to them. He is especially interested in how microbes interact with their environment, other organisms and each other.

Davies was recently named director of the West East Centre for Microbial Diversity, a joint venture between UBC and the National University of Singapore's Institute of Molecular and Cell Biology, to study microbial diversity and its applications.

Before joining UBC in 1991, he headed the microbial engineering unit at the Institut Pasteur in Paris. He was also president of a pioneering biotechnology company, Biogen S.A. of Geneva, Switzerland.

He travels to London for the formal induction ceremony in June.

••••

Doug Reimer has been appointed head coach of the Thunderbird women's volleyball program, effective May 1.

He replaces Donna Baydock, who resigned after a year's leave of absence and has moved to Courtenay to pursue a career change.

Reimer arrives at UBC following five years as head coach of the University of Winnipeg women's volleyball team, winner of the 1993 national championship and silver medalist in 1992 and 1994. He is currently head coach of Canada's National B team.

••••

Five members of the campus community are this year's winners of the President's Service Award for Excellence, presented to recognize excellence in personal achievement and outstanding contributions to the university.

The winners are: **Maureen Douglas**, assistant to the dean, Faculty of Science; **Albert Emslie**, senior custodial supervisor, Plant Operations; **Helen Hahn**, assistant to the vice-president, Research; **Thomas Shorthouse**, law librarian, Faculty of Law; and **David Llewelyn Williams**, professor, Dept. of Physics.

Each will receive a gold medal and \$5,000 at award presentations held during Spring congregation ceremonies.

Teachers, scholars join in education project

by Gavin Wilson

Staff writer

A consortium of B.C. educators has received a grant of more than \$300,000 to launch a year-long curriculum and professional development project based at UBC.

The B.C. project is one of four sites in North America and the only one in Canada chosen for funding by the American Council of Learned Societies.

It will be run by the B.C. Humanities/Social Science Consortium, which includes UBC's Education and Arts faculties, the B.C. Ministry of Education, the B.C. Teachers' Federation and several B.C. school districts.

As part of the project, 12 B.C. teachers will spend the 1994-95 school year at UBC working with scholars in the humanities and social sciences, said Peter Seixas, an assistant professor in UBC's Dept. of Social and Educational Studies who is co-ordinating the project.

The teacher-scholars, with the status of visiting scholars at UBC, will develop curriculum support materials in the humanities with teams of teachers in their own schools and districts. They will also work on a common project that will benefit teachers and students throughout the province.

"Teachers in school districts and universities need the opportunity to pursue professional development. This project engages them in discussion and activity in the humanities and social sciences," Seixas said.

In a collaborative workshop entitled Approaches to the Humanities and Social Sciences, the teacher-scholars will examine recent developments in these fields. As well, they will explore how issues such

as multiculturalism, gender equity and the challenges of postmodernism can be addressed to meet the needs of their schools, students and society.

A team of scholars will work with them: literary critic Alexander Globe, winner of a UBC teaching excellence award in 1991; anthropologist Elvi Whittaker, acting head of the Dept. of Anthropology and Sociology and president of the Social Science Federation of Canada; and historical geographer Graeme Wynn, associate dean of the Faculty of Arts.

The American Council of Learned Societies was interested in a Canadian project site for the comparative insights it can provide, especially on multicultural issues, Seixas said.

Another issue the teacher-scholars will address is how to judge student progress in a meaningful and measurable way in the social sciences and humanities.

"It's a very complex challenge to consider standards in relation to social sciences and literature. You cannot measure progress as easily as you can with, for example, reading and writing," Seixas said.

Teacher-scholars will spend 25 per cent of their time in discussion, professional development and curriculum field testing within their home schools and districts. They will also attend two international conferences where they will meet teacher- and university-scholars from other North American project sites.

During the year, the teacher-scholars will produce a major co-operative curriculum project that complements Education Ministry development plans.

They will also produce curriculum materials tailored to the needs of their home districts and schools.

Profile

Life through the lens

by Abe Heffer

Staff writer

Fade to black, but don't roll the final credits just yet.

As film-maker Raymond Hall prepares to wrap up a 20-year career as an independent editor and producer in Vancouver, a career which has carried him through the lean times of the early 1970s to the boom times of the early 1990s, his biggest challenge is still ahead of him at UBC.

On April 30, Hall, an associate professor in the Dept. of Theatre and Film, will close shop at Petra, a film production company which existed more as a place where friends could work together than as a business intent on the bottom line.

Since 1974, Hall and friends have seen more business than they could possibly handle, turning down numerous opportunities to join bigger and better-funded production houses to stay with a style they all felt comfortable with.

Still, there is no second-guessing going on in the mind of Hall as he prepares for a farewell party for the dozens of people, many of them UBC film students, who used their creative talents as part of the Petra production team.

"We employed a number of students from UBC to help run the business and they did a superb job," Hall said. "Many of them went on to set up their own companies, including Cal Shumiacher, who is currently a successful film producer, Clare Brown, who started Theatre at Large, and Julia Keatley, who, as a producer, has recently completed a pilot for the television series Horseman.

"Their success is a tribute to the quality of the education they received at UBC. The importance of a liberal arts education, in which students learn the history of film and television as well as the techniques of production, is underscored by the impact they've had on the Canadian film and television industry."



After arriving in Vancouver in 1956 from Sydney, Australia, Hall began his career in film with CBC Television as an assistant editor. At CBC his talents as a film editor took an award-winning turn. In 1964 he won a Canadian Film Award for his efforts on the pilot episode of the dramatic series Cariboo Country, which was a forerunner to The Beachcombers, and a silver medal at the Venice Film Festival for his work on Torch To Tokyo, a documentary on the Tokyo Olympics.

Hall went on to edit and direct CBC productions until 1969, when his career took him to the Middle East, where he spent almost four years as a documentary film director with the United Nations.

Armed with a camera and a diplomatic passport, Hall travelled the Middle East in a station wagon making films on UN education and health projects, including one on the establishment of a health centre by Mother Theresa in Amman, Jordan.

Hall left the UN in 1973 and worked for awhile at UNESCO in Paris; with IKOR TV in Holland; and the BBC in London before returning to Vancouver to start Petra.

Independent film-making in the



Raymond Hall on location with a National Film Board crew in the Queen Charlotte Islands in 1974.

early '70s was a relatively quiet affair in Vancouver, said Hall, with few local individuals able to make a living in film, television or video production.

Still, those days spawned some of Hall's most memorable moments as a film editor, with Genie Award-winning efforts in the 1977 production of Spartree, and the 1980 film Nails.

"Nails won as best theatrical short and was nominated in the same category that year for an Oscar," he said.

"We made our way down to Los Angeles for the Academy Awards presentation and were thrilled just to be there. As it turns out, we finished second, which we felt was a terrific accomplishment."



Upon his return from L.A., Hall was approached to join UBC on a full-time basis. He had taught on campus as a sessional instructor for two years.

After applying for the position, and while editing the feature film The Grey Fox, Hall wrenched his back lifting an editing deck, a manoeuvre which put him out of commission for almost three months.

The accident had a bright side to it as Hall's friends at UBC gathered his films together and screened them for members of the university's hiring committee, who waived the requirement of a personal presentation.

The art of film-making hasn't changed very much in the dozen years since Hall joined UBC's Theatre and Film Dept. on a full-time basis. Sound editing may be more sophisticated, and

new film emulsions have resulted in higher resolution, but the actual process of making a film remains essentially the same as it has been for the last 50 years: drop a roll of 16 millimetre film in your camera, and you're on your way. However, before you make it to the big screen, Hall says you better know where you're going on paper.

It's a message that's not lost on his students.

"Being the best possible story teller, using film as the medium, starts with good writing. If you are unable to express yourself in a script, then it will not get translated to celluloid.

"It must be visual in the mind before it can be visual in the eye."

The film-making boom in Vancouver began in the '80s, when American producers came north to take advantage of skilled crews, a favourable exchange rate and a convenient West Coast location.

After an initial reluctance on the part of various unions and guilds to recruit graduating students, the film explosion in B.C. and the rest of Canada has resulted in increased employment opportunities for UBC film graduates.

According to Hall, union and guild officials felt that although these students were well versed in the theoretical aspects of film production, they lacked practical film-making skills.

"That ended when these same students eventually made their way into managerial positions and demonstrated there was something to be said for a liberal arts education," said Hall.

"Now unions and guilds are working hard to recruit graduates with the realization that these students have the

discipline and the education to get the job done effectively."



Despite the current buoyancy in the B.C. film industry, Hall offers this caveat: Should the Canadian dollar ever go back up to 90 cents U.S., two-thirds of the offshore production in Vancouver would dry up. That would cut employment prospects for this city's 3,000 well-trained technicians and managers in half.

"Unfortunately, we don't own most of the film and television programs we make. We make them for someone else, and that has to change," said Hall.

"It's one thing to count on producers from the U.S. and elsewhere to produce films and television programs. It's another thing to create our own projects and retain copyright ownership. This is the route the Canadian communications and production industry must take."

Hall feels UBC is well-placed to take advantage of the new technology that will influence the production of film and video and create the companies and the programs that will drive this industry into the future.

"I'm not just talking about traditional film and television vehicles. The use of computers in multimedia productions at UBC will draw on an educated pool of talent, providing them with interesting and engaging jobs in an industry which is labour intensive and where the products are eminently exportable.

"Most importantly, we will own the copyright to our own stories."