UBC Archives Serial

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ubc reports

THE UNIVERSITY OF BRITISH COLUMBIA

ZOOMING IN Kate, a four-year-old visitor to UBC's Biosciences Electron Microscopy Facility, takes her first peek at magnified tree bark through one of the lab's imaging instruments. The facility provides all medical and biological scientists at UBC and the Lower Mainland with access to microscope instrumentation and techniques. Last year, more than 650 individuals used the lab which is directed by Elaine Humphrey. *Hilary Thomson photo*

# Close the gap, presidents say

*The province needs to increase funding to stop education erosion, say university leaders*

B.C.'S UNIVERSITY PRESIDENTS are calling on the provincial government to close a $54 million system-wide funding gap which they say is eroding the quality of university education in British Columbia.

The educators are asking for a minimum five per cent increase in the provincial operating grant for 2000/01 and a reinvestment in research support with a 15 per cent research innovation grant for each federal research dollar attracted into the province by university researchers.

"If British Columbia is serious about increasing its capacity to be a national leader in knowledge development and innovation in the 21st century the empirical evidence indicates we are heading in the wrong direction at the wrong time," the presidents say in a report submitted to the Ministry of Advanced Education, Training and Technology.

A comparison with 16 other Canadian universities shows that while B.C. universities receive more than the national average in operating grants per student from their provincial government, they receive less in tuition per student, resulting in an overall shortfall of $440 for each of the 123,745 students enrolled this year, totalling about $54 million.

The report, a joint operating budget submission for 2000/01, was prepared by The University Presidents' Council, which represents B.C.'s six universities—the University of British Columbia, Simon Fraser University, University of Victoria, University of Northern British Columbia, Royal Roads University and the Technical University of British Columbia.

"The government has a right to set whatever tuition policy it wants," UBC President Martha Piper told the *Vancouver Sun* editorial board last month. "But we're saying that if they do that, they have to fund it properly. This is not a cost-free policy."

The results of this growing "investment gap" are becoming all too evident, the presidents say, and include inadequate spaces for qualified applicants, overcrowded classes at all levels, a rapidly deteriorating student/faculty ratio resulting from unfilled faculty positions, course cancellations and reduced course availability, and deteriorating lecture, lab and study environments.

The restored funding would address three main areas:

- increasing levels of student demand for access to quality educational programs;
- providing additional support to continue the expansion of

*see Funding, page 2*

# New look launches new year

*Design aimed at updating university information source*

THE FIRST ISSUE of the year 2000 marks the debut of a new *UBC Reports*.

This redesign of the twice-monthly tabloid is intended to make the publication a reflection of the university it serves. Designer Peter Cocking has developed a design that is elegant, modern and open but with a strong sense of tradition.

Over the past year, we surveyed the campus community about the paper, soliciting your opinions about everything from content to appearance.

You told us you liked the mix of news, events and features but encouraged us to cover more topical issues, research and community outreach stories and profile faculty, staff and students.

We'll be launching some new features in the months ahead.

It's our aim to encourage dialogue on issues of importance to the university community. That's why we'll brief you from time to time on issues in the news at other universities and highlight UBC experts who are helping to raise the level of debate in local and national media in a new feature called "Headliners." We'll point you to items of interest on the Web in "Reading list."

A university is a meeting of minds, a place for the free exchange of ideas and opinions. That's where you come in.

We encourage you to contribute through letters to the editor or opinion pieces on current issues.

We hope that our efforts to improve *UBC Reports* respond to your needs. We welcome your comments.

**STRIKE INFORMATION**

*See www.ubc.ca under News and Events, Strike Information for updates.*

# No plans for 'human' robots, says expert

*From operating rooms to outer space, real robots are designed to perform single, specialized tasks*

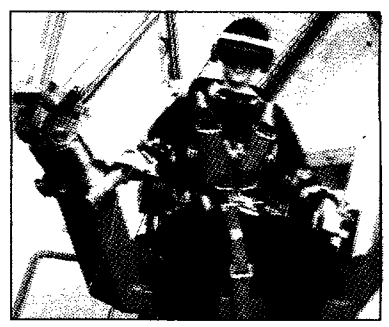
**by Andy Poon** staff writer

REMEMBER THE popular cartoon series The Jetsons with Rosie the Robot? Well, even now in the 21st century, a UBC robotics expert rules out expecting a robot maid in your home anytime soon.

"In terms of the Bicentennial Man, don't hold your breath," says Tim Salcudean, referring to the latest flick starring Robin Williams as an android that experiences emotions and creative thought.

Salcudean, a leading robotics researcher and professor in the Dept. of Electrical and Computer Engineering, says while much progress has been made in developing automation, there are factors holding back a human-like robot.

"This dream of building a robot that will replace humans is very far off," he says. "We are able to produce robots that can do one thing very well but nothing that can match the flexibility and intelligence of a human."



Excavator motion simulator

Since arriving at UBC almost a decade ago, Salcudean has been busy applying robotics to a variety of fields, with his latest efforts directed towards improving tools for medical diagnosis and surgery.

He and his team of researchers at the university's Robotics and Control Laboratory focus much of their work on the human interface between man and machines instead of trying to replace humans outright with robots.

In collaboration with heart surgeons from St. Paul's Hospital,

*see Robots, page 2*

# Funding gap

*Continued from page 1*

available spaces for students in B.C. universities;

- investing further in the research capabilities of the universities to increase the innovative capacity of British Columbia.

In response to this revitalized commitment to university education, the universities offer their commitment to an increase in enrolments within the university system of 1,000 full-time students in the 2000/01 academic year; a move to restore the student/faculty ratios prevalent in 1995/96; an increase in library and associated acquisitions; renewed emphasis on providing clean, safe and well-equipped classrooms, laboratories and study spaces; and a 25 per cent increase in federally funded research awards over the next three years.

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MORE INFORMATION

*The complete budget submission and a related document can be found at www.ubc.ca/news_events/news/1999-12-09.html*

## LETTERS

### *Setting record straight*

*Editor:*

The story in the Nov. 25, 1999 *UBC Reports* will bring greater awareness of Huntington Disease and genetic testing. I would, however, like to clarify my current research.

As a post-doctoral fellow with the Centre for Applied Ethics, I work with Dr. Michael Burgess (Chair in Biomedical Ethics) and other colleagues in the Ethics and Genetics Research Group.

My doctoral research in Sociology was part of a larger study headed up by medical anthropologist William McKellin and conducted in collaboration with world-renowned researcher, Medical Genetics Prof. Michael Hayden and members of the Huntington Disease Predictive Testing Research Group.

Prof. Brian Elliott (Head, Dept. of Anthropology and Sociology) was my senior supervisor.

I am grateful to all for their support and collaboration.

*Sue Cox*
*Centre for Applied Ethics*

### *Cramming not learning*

*Editor:*

I picked up the latest issue of *UBC Reports* (Dec. 9, 1999) and had to shake my head at the caption for the front page picture "Cram That Exam."

While it may be cute, I do not believe that a university publication should be fighting against the faculty's efforts to break students of their cramming. This institution is about learning and "crammin' ain't learnin'"

*Mark MacLean*
*Mathematics Dept.*

# Robots work

*Continued from page 1*

Salcudean is working on cardiac stabilization techniques that will allow coronary bypass surgery without having to stop the heart.

"You get all kinds of bad side effects from stopping the heart and using the cardio-pulmonary bypass machine—all leading to increased recovery times," Salcudean says.

His group has developed a passive, pneumatic articulated arm that can hold the coronary bypass site still while the heart is beating. Prototypes for more extensive studies and a commercialization plan are in the works.

Another new technique involves the use of a robot that tracks the motion of the coronary bypass site and provides a moving platform for the surgeon's hands to brace against. The platform moves in sync with the heart and keeps the surgeon's hands at a fixed position from the surgical site allowing delicate tasks to be accomplished with accuracy.

Salcudean has also been working on the development of small robots that can push back the user's hand to endow virtual objects seen on the screen with physical properties such as mass and stiffness.

With applications ranging from computer games to computer-aided design, technology patented by UBC was purchased and is used by Immersion Corp. of San Jose, Calif.

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MORE INFORMATION

*See the Robotics and Control Laboratory Web site at www.ee.ubc.ca/rcl*


# ubc reports

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Letters must be signed and include an address and phone number for verification. Please limit letters, which may be edited for length, style, and clarity, to 300 words. Deadline is 10 days before publication date. Submit letters in person or by mail to the UBC Public Affairs Office (address above); by fax to 822-2684; or by e-mail to janet.ansell@ubc.ca

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THE UNIVERSITY OF BRITISH COLUMBIA
**Open Forum**
**Students • Staff • Faculty**
**Future UBC**
**Tuition Policy**
An open discussion of the principles guiding UBC's Tuition Policy.
**Tuesday, Jan. 18, 2000**
12:30 - 2:30 p.m.
Wesbrook 201
**Thursday, Jan. 27, 2000**
12:30 - 2:30 p.m.
Buchanan A-104
http://www.oldadm.ubc.ca/tuitionpolicy

**Snow?**
*"The University will remain open during snow storms but may cancel or reschedule classes on a university-wide basis and/or curtail non-essential services in response to the conditions."*—UBC Policy on Disruption of Classes/Services by Snow, May 1994
In the event of extreme snow conditions, listen to CBC Radio, CKNW and other local radio stations for information.

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WORKS OF WOOD Cones, curves and spheres constructed in the UBC Carpentry Shop decorate the newest campus eatery, 99 Chairs, which opens this week in the former site of Trekkers. UBC Food Services acting director Andrew Parr says the new facility, complete with fireplace, contemporary design and comfortable furniture, will offer specialty coffees, beer, wine and extended hours. The structures are the biggest millwork project ever undertaken in the carpentry shop according to head carpenter, Paul Shaw. Twenty carpenters worked with a variety of maple, veneer and plastic laminates. *Dianne Longson photo*

# Ground-breaking program centred on student choices

*In Integrated Sciences, students tailor their course of study to pursue a path of interdisciplinary discovery*

**by Andy Poon** staff writer

IN ONLY its second year, the Integrated Sciences Program (ISP) has garnered strong support from students and faculty alike, spawning a student association devoted to the program and winning high praise from participants for its flexible and highly interactive teaching approach.

By giving students the chance to learn "things that will stay" with them, the unique program offered by the Faculty of Science has quickly become one of the most popular undergraduate learning environments on campus.

"In a lot of the more traditional courses, what we often end up doing is just memorizing facts and then forgetting them soon after," says Yvette Lu, a fourth-year Science student in ISP. "It is very important to learn how to approach problems and analyse things from an interdisciplinary point of view —to learn things that will stay with you after the course. That's what ISP does."

ISP's approach is to give students the flexibility to build a personalized interdisciplinary course of study that reflects their career interests. Students can select courses offered by various departments along with specially designed upper-level integration courses on topics that incorporate material from a broad range of disciplines.

These courses are designed to help students develop skills in science, teamwork and communication. For example, ISCI 311, "The Size of Things," examines the consequences of size and scale on biological, chemical, physical and geographical processes in nature.

"The integration courses put students in an environment where the subjects are less important. Rather it is the cross-disciplinary and discovery approach that is important," says ISPdirector, Zoology Prof. John Gosline.

ISP is offered as an option for students in the last two years of their four-year Science undergraduate degree program.

Successful applicants must clearly show why they wish to pursue the program: an essay on their educational goals, a complete history of course-work completed, and an outline of the courses that they will need to take to achieve their goals are necessary components of their application.

"One of the things about ISP is that it is student-centred and the professors are very open to what we have to say," says Lu. "We design our programs, we pick the courses we want to take but we have to have a clear line of thought behind our choices."

The 21-year-old—who plans on pursuing a career in medicine—is the president of the Integrated Sciences Association, an AMS-registered student association that was created by students in the inaugural ISP class.

"We want to see if we can keep the bond that was established in that first Integrated Science course — because if we can keep that, the discussions will remain rich in and outside the classroom," says Lu.

Gosline, who collaborates with associate dean of Science Lorne Whitehead to teach an integration course on scientific measurement, says that the courses' interactive format allows the professors to learn from students and each other.

"The students see us working together to come to an understanding right in front of them — there's no script in advance but instead we work at the problems together in front of the students and with the students," says Gosline.

That sense of spontaneity and discovery will be tested even further when Earth and Ocean Sciences Assoc. Prof. Kurt Grimm leads a group of ISP students to the Baja Peninsula in February.

During the field course, students will work on their own research projects to study earth as an integrated living system, work on group exercises and teach each other what they have learned.

"That's where the magic really happens—when the students start teaching each other and their instructors," says Grimm. "Once they learn the nuts and bolts, you can see them make that leap and start engaging in that process of discovery."

# UBC, TELUS form strategic alliance

*Partnership will help forge future of communications technology*

THE UNIVERSITY of British Columbia and TELUS have agreed to a five-year strategic alliance to support communications research and provide telecommunications services to the university.

The partnership is valued at $4.1 million to the university and is expected to provide about $30 million in potential business to TELUS over the five-year term.

"This unique alliance is an example of an innovative partnership that promotes research on campus," said UBC President Martha Piper. "By working closely with TELUS, our university is not only keeping abreast of the communications technology evolution, we are helping to forge its future."

The alliance involves collaboration in wireless communications research, cooperation in the development of UBC's information technology services and campus-wide provisioning of the latest telecommunications technology. Specifically, the strategic alliance will:

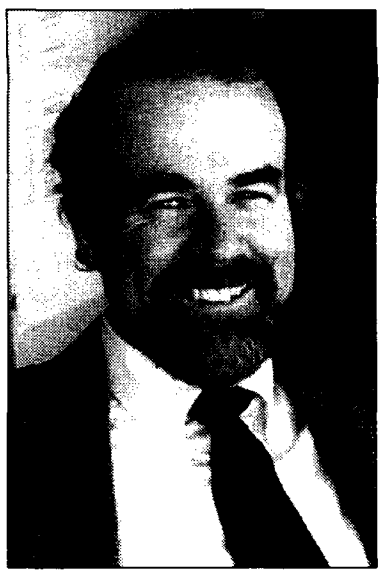
- establish the TELUS Mobility Industrial Research Chair with a $500,000 pledge;
- provide funding from TELUS for research in advanced communications technologies;
- establish a fund to support information technology on campus;
- provide UBC an opportunity to be used as a beta site to test new telecommunications technologies;
- provide UBC with products on a "best prices, products and practices" basis;
- enable both parties to benefit from access to industry experts and specialists.

Under the alliance, UBC will largely use TELUS products and services, however, students, faculty and staff may choose TELUS or another supplier for personal telecommunications services.

"TELUS has long been a strong supporter of UBC and education generally," said Brian Canfield, TELUS's president and CEO. "Our alliance with the university provides us an ideal partner to help us hone and improve our technologies and education sector service skills to the benefit of both parties."

# Innovative educator chosen as new dean

*Future dean looks forward to working with dynamic faculty to create new possibilities in education*



New Education Dean Robert Tierney

ROBERT TIERNEY, an internationally renowned and innovative educator, has been named dean of Education at the University of British Columbia. His selection follows an extensive national and international search and broad community consultation.

Prof. Tierney is currently director of the School of Teaching and Learning, College of Education at Ohio State University. He will take up his position at UBC in April.

"This is a superb appointment," says Barry McBride, vice-president, Academic and Provost. "Dr. Tierney brings to UBC an outstanding scholarly reputation, strong administrative skills and experience, and a progressive vision for the Faculty of Education."

Tierney, who studied education and taught in his native Australia, earned a master's degree and PhD in education at the University of Georgia.

"I share the values and goals espoused in UBC's mission statement, Trek 2000, and am well aware of the work of its committed, dynamic and renowned Faculty of Education," Tierney says. "The faculty has a significant and supportive role to play locally, nationally and internationally. By working together with schools, government and communities we can make major contributions and create new possibilities in education."

His scholarly engagements have included issues of teacher research, university-school collaborations, teacher change, classroom-based assessment and socio-political dimensions of schooling.

Tierney's areas of special focus have been literacy education and development across subject areas, literacy assessment and the changing nature of literacy learning with shifts in technology.

He replaces Dean Nancy Sheehan who is stepping down after heading the Faculty of Education for 13 years.

The Faculty of Education, which comprises four departments, the School of Human Kinetics and four centres, is one of Canada's leading education research faculties.

With an annual operating budget of $18 million and external research support averaging $2 million annually, some 150 full-time professorial and 250 part-time staff deliver programs to approximately 1,300 undergraduate and 1,200 graduate students.

# calendar

## JANUARY 16 THROUGH JANUARY 29

### MONDAY, JAN. 17

**Member Speaker Series**
Vaclav Havel And The Czech Republic: 10 Years After The Velvet Revolution. Marek Jacina, Law. Green College at 5:30pm. Call 822-1878.

**Green College Special Lecture**
What Is Conversation, And Why Did Fur Traders Care! Laura Murray, English. Green College at 7:30pm. Call 822-1878.

### TUESDAY, JAN. 18

**Computer Science Invited Speaker Seminar**
Beyond Realism: Aesthetics In Image Synthesis. David Salesin, Microsoft. CICSR/CS 208 from 11:30am-1pm. Refreshments. Call 822-0557.

**Centre For Chinese Research Seminar**
Family Values Change In the Pearl River Delta. P.K. Ip, Institute of Asian Research. CK Choi 129 from 12:30-2pm. Call 822-2629.

**Nursing Rounds**
Nurses' Views Of Their Working Environment: Implications For Their Work With Abused Women. Assoc. Prof. Angela Henderson. UBC Hosp., Koerner Pavilion, T-206 from 3-4pm. Call 822-7453.

**Geography Colloquium**
Vancouver Stories: Creating A New Exhibit. Joan Seidl, Vancouver Museum. Geography 201 at 3:30pm. Call 822-5904.

**Applied Ethics Colloquium Series**
Global Ecological Integrity And Human Health. Colin Soskolne, Epidemiology, Public Health Sciences, U of Alberta. Angus 413 from 4-6pm. Call 822-5139.

**Theatre At UBC**
The Way Of The World. Arne Zaslove, director. Frederic Wood Theatre at 7:30pm. Continues to Jan. 29. (Jan. 19 $6); adults $16; students/seniors $10. Call 822-2678.

**Centre For Chinese Research Seminar**
Precious Volumes: An Introduction To Chinese Sectarian Scriptures From The Sixteenth And Seventeenth Centuries. Daniel L. Overmyer, Asian Studies. CK Choi 120 from 4:30-6pm. Call 822-2629.

**Medieval And Renaissance Lecture**
After The Plague: Towns, Guilds, Plays. Anne Higgens, English, SFU. Green College at 4:30pm. Call 822-1878.

**Conference**
Constructive Engagements: Gender, Ethnicity And Class. Bridget O'Laughlin, Deborah Fink, keynote speakers. Green College at 7:30pm. Registration fee. To register www.arts.ubc.ca/anso/menzies/RCG.htm or call Charles R. Menzies 822-2240.

**St. John's College Speaker Series**
Why Was Darwin Believed? The Origin Of Species And The Problem Of Intellectual Revolution. John Angus Campbell, Communication, U of Memphis. St. John's College Fairmont Social Lounge at 7:30pm. Call 822-8781.

**Sing Tao School of Journalism Brown Bag Lunch**
Where To Get Story Ideas Your Boss Will Love. Michael Cooke, editor-in-chief, *The Province*. Sing Tao 104 from 12:30-2pm. www.journalism.ubc.ca or call 822-6688.

**Modern Chemistry Seminar**
Conjugated Polymers As Sensors, Wires And Antennas. Prof. Timothy M. Swager, Chemistry, Massachusetts Institute of Technology. Chemistry B-250 at 1pm. Refreshments at 12:40pm. Call 822-3057.

**Green College Speaker Series**
An Introductory Talk From Our Writer-In-Residence. Lynn Coady, writer. Green College at 5pm. Reception, Coach House from 6-6:30pm. Call 822-1878.

**Museum Of Anthropology Public Program**
Sacred Art Of The Mandalas. Tibetan Monks, Dzongkar Choede Monastery. MOA from 7-8:30pm. Call 822-4604.

### WEDNESDAY, JAN. 19

**Orthopedics Grand Rounds**
Intimidation In Education: A Review And Interactive Session. Larry Axelrod. VGH, Eye Care Centre Aud. at 7am. Call 875-4192.

**UBC Teaching Community Seminar**
Action Research. Harry Hubball, Centre for Teaching and Academic Growth/Curriculum Studies. TAG seminar room from 9-11am. To register www.cstudies.ubc.ca/facdev/ or call 822-9149.

**Research In Women's Studies Colloquium**
Documentary filmmaking In China. Yue-Qing Yang. Women's Studies' lounge from 12:30-1:30pm. Call 822-9173.

**Asian Studies Noon Lecture Series**
Queer Fences: Sexuality In Contemporary Hong Kong Cinema. Helen Hok-Sze Leung. Asian Centre 604 from 12:30-2pm. Call 822-9266.

**Geography Outreach Seminar**
Colonizing An Estuary. Cole Harris. Richmond Nature Park at 7:30pm. Refreshments. Call 822-3534; 273-7015.

**Conference**
Studying Whiteness: What's The Point? Karen Brodkin, keynote speaker. Green College at 7:30pm. Registration fee. To register www.arts.ubc.ca/anso/menzies/RCG.htm or call Charles R. Menzies 822-2240.

**Senate Meeting**
Regular meeting of the Senate. Curtis 102 at 8pm. Call 822-2951.

### THURSDAY, JAN. 20

**Board Of Governors' Meeting**
Open session begins at 8am. OAB Board and Senate room. Fifteen tickets available on first-come, first-served basis upon application to Board Secretary 24 hrs. before each meeting. To confirm date and time, check www.bog.ubc.ca. Call 822-2127.

**Peter Wall Institute Theme Development Workshop**
Qualitative Research In Genetics And Ethics. Mike Burgess, chair, Biomedical Ethics, Centre for Applied Ethics. University Centre 307 from 12:30-2pm. To register call Sue Cox 822-0536.

**Centre For Feminist Legal Studies Lecture**
What Does Poverty Have To Do With Violence Against Women? Lee Lakeman, Vancouver Rape and Women's Shelter. Curtis 157 from 12:30-2pm. Call 822-6523.

**Religious Studies And Comparative Literature Seminar**
Religion After Religion: Gershom Scholem, Mircea Eliade And Henry Corbin At Eranos. Steven M. Wasserstrom, Reed College. Buchanan D-113 from 2:30-4pm. Call 822-2889.

### FRIDAY, JAN. 21

**Pediatric Grand Rounds**
Fight Or Flight? Physiology And Adaptation To Air Travel. Andrew Macnab, Critical Care, B.C.'s Children's Hosp. GF Strong Aud. from 9-10am. Call 875-2307.

**Fish 500 Seminar**
Time Modeled As An Explicit Feature To Quantify Habitat Quality And Preference Of Chinook Salmon In Western Lake Ontario At Two Time Scales. Denis Roy, Earth and Ocean Sciences. Hut B-8, Ralf Yorque Room at 11:30am. Refreshments at 11am. Call 822-2731.

**Centre For Japanese Research Seminar**
From Civilization And Enlightenment To Good Wives And Wise Mothers: Education For Two Generations Of Meiji Women. Patricia Tsurumi, honorary research associate. CK Choi 120 from 12:30-2pm. Call 822-2629.

**Religious Studies And Comparative Literature Lecture**
Sharing Secrets: Esotericism And Interconfessionalism In The 12th century. Steven M. Wasserstrom, Religious Studies, Reed College. Buchanan D-238 at 12:30pm. Call 822-2889.

**Mathematics Colloquium**
Small Scale Asymptotic Models For Large Scale Simulations Of Turbulent Pre-mixed Flames. Prof. Anne Bourlioux, U of Montreal. Math 100 at 3:30pm. Refreshments Math Annex 1115 at 3:15pm. Call 822-2666.

**Chemical Engineering Weekly Seminar**
Use Of Polymers In Wastewater Sludge Dewatering. Hongmei Zhao. ChemEng 206 at 3:30pm. Call 822-3238.

**Conference**
Social Inequality, Local Processes And Global Systems. Thomas Patterson; Gerald Sider, keynote speakers. Green College at 7:30pm. Registration fee. To register www.arts.ubc.ca/anso/menzies/RCG.htm, e-mail: aims@interchange.ubc.ca or call Charles R. Menzies 822-2240.

### SATURDAY, JAN. 22

**Conference**
Practical Applications Of Integrative, Complementary And Alternative Medicine. Various Speakers. First Nations Longhouse conference hall from 8am-4:15pm. Registration fees include continental breakfast, refreshments, lunch. To register www.ams.ubc.ca/aims or call 822-8085.

**Conference**
Towards A Politically Engaged Anthropology. Gavin Smith, keynote speaker. Green College at 7:30pm. Registration fee. To register www.arts.ubc.ca/anso/menzies/RCG.htm or call Charles R. Menzies 822-2240.

**Vancouver Institute Lecture**
Confronting The Microbe Menace. Prof. Brett Finlay, Biological Sciences. IRC#2 at 8:15pm. Call 822-3131.

### SUNDAY, JAN. 23

**Museum Of Anthropology Public Program**
Sacred Art Of The Mandalas. Tibetan Monks, Dzongkar Choede Monastery. MOA at 2pm. Call 822-4604.

### MONDAY, JAN. 24

**Member Speaker Series**
The Naked World Bank: NUD*IST Software And Revealing Poverty. Sarah Koch-Schulte, Community and Regional Planning. Green College at 5:30pm. Call 822-1878.

**Thematic Lecture Series: Myths Of Nations**
Aspects Of Czecho-Slovak Identity. Jiri Holub, Charles U. Green College at 7:30pm. Call 822-1878.

### TUESDAY, JAN. 25

**Fire And Ice 2000**
Chili Cook-Off Contest. IRC from 11:30am-2pm. Continues Jan. 26. Entry deadline: Jan. 19. E-mail: campbell@foodserv.ubc.ca or call 822-1812.

**Sing Tao School of Journalism Special Lecture**
Canadian Newspapers Are Becoming Increasingly Opinionated. Should We Worry? Duart Farquharson, former foreign correspondent, Southam News. Sing Tao 104 from 12:30-2pm. Call 822-6688.

**UBC Teaching Community Seminar**
Increasing Student Participation In Lecture-Based Classes. Eleanor Boyle, Capilano College. TAG seminar room from 2-4pm. To register www.cstudies.ubc.ca/facdev/ or call 822-9149.

**Green College Speaker Series**
Girls, Tools And Schools: What's Sex Got To Do With It? Mary Bryson, Education. Green College at 5pm. Reception from 6-6:30pm. Call 822-1878.

**Museum Of Anthropology Exhibit Opening**
Raven's Reprise: Contemporary Works By First Nations Artists. Various artists. MOA at 7pm. Call 822-5087.

**Museum Of Anthropology Gallery Opening**
Northwest Coast Gallery Opening. Various artists. MOA at 7pm. Call 822-5087.

### WEDNESDAY, JAN. 26

**Orthopedics Grand Rounds**
Computerized Assisted Knee Replacement: Background And New Proposal. Bas Masri, Kevin Inkpen. VGH, Eye Care Centre Aud. at 7am. Call 875-4192.

**IX Annual UBC Arts Graduate Students' Conference**
Articulating Ambivalent Legacies. Various speakers. Green College. Continues to Jan. 28. To register e-mail: agsc_ubc@hotmail.com or 438-8904.

**Asian Studies Noon Lecture Series**
Barrister Baty: Japan Vs. The League Of Nations. Prof. Peter Obias, Tokyo U of Foreign Studies. Asian Centre 604 from 12:30-2pm. Call 822-9266.

**Geography Colloquium**
Flows, Patterns And Sediment Suspension Over Dunes In The Fraser Valley. Paul Villard. Geography 201 at 3:30pm. Call 822-5904.

**Institute of Asian Research Seminar**
Globalization And The Transformation Of Asian Societies: Dollars And A Lot of Dead Fish: Consequences Of The Integration Of Gujarat's Fishery Into The Global Market. Derek Johnson, U of Guelph. CK Choi 120 from 4:30-6pm. Call 822-2629.

### THURSDAY, JAN. 27

**Centre for India And Southeast Asia Research Film**
From The Ground Up. Evelyn Nodwell, anthropologist, producer. CK Choi 120 from 12:30-2pm. Call 822-2629.

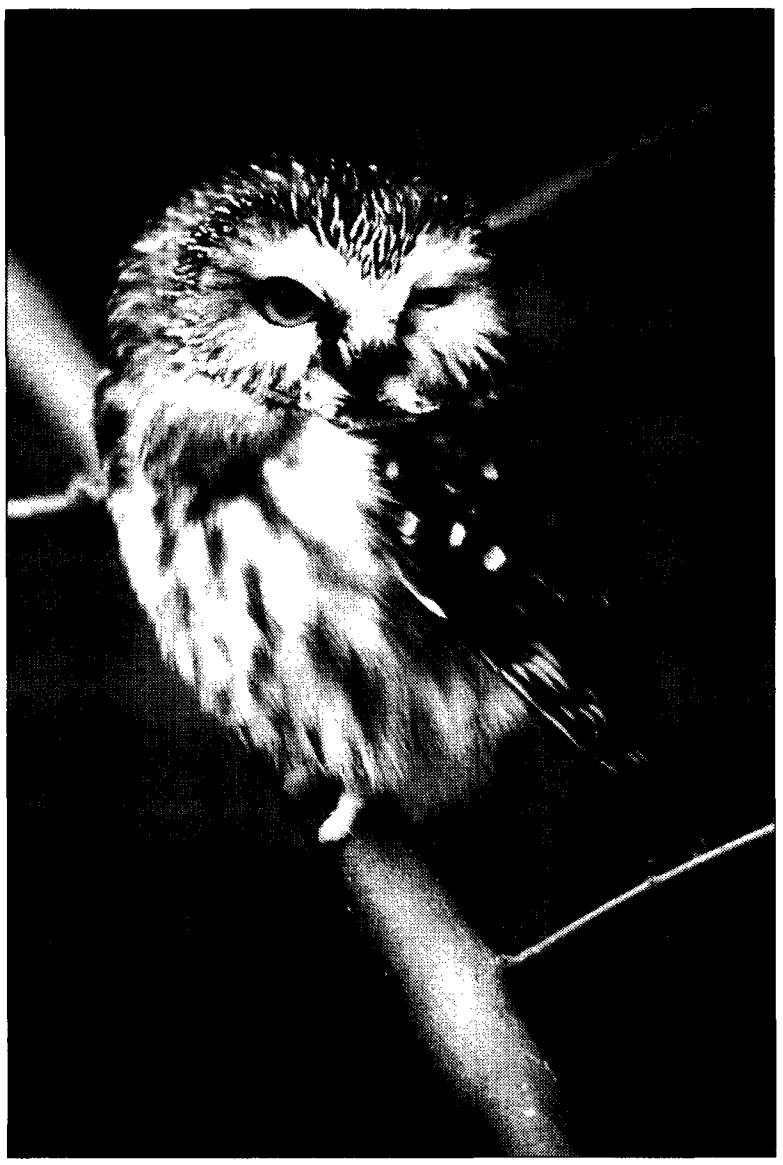
**Agricultural Sciences Slide Show**
An Arctic Winter Sanctuary. Assoc. Prof. Michael Pitt, Kathleen Pitt, ITServices. ForSciences 1221 from 12:30-2:30pm. Call 822-1219.

**Fine Arts/Joan Carlisle Lecture**
Digital Visual Culture: Taking Stock After The Hype. Martin Lister, head, Cultural and Media Studies, Newport School of Art and Design. Lasserre 102 from 12:30-2:30pm. Call 822-2757.

**Biostatistics/SFU Seminar Series**
A Linkage Disequilibrium (LD) Study In The Newfoundland Population Reduces The Bardet-Biedl Syndrome (1) (BBS1) Interval To One Centimetre. Terry-Lynn Young, Medicine, Memorial U; William S. Davidson, dean, Science; Molecular Biology and

### CALENDAR POLICY AND DEADLINES

The *UBC Reports* Calendar lists university-related or university-sponsored events on campus and off campus within the Lower Mainland. Calendar items must be submitted on forms available from the UBC Public Affairs Office, 310 - 6251 Cecil Green Park Road, Vancouver BC, V6T 1Z1. Phone: UBC-info (822-4636). Fax: 822-2684. An electronic form is available at www.publicaffairs.ubc.ca. Please limit to 35 words. Submissions for the Calendar's Notices section may be limited due to space. Deadline for the Jan. 27 issue of *UBC Reports*—which covers the period Jan. 30 to Feb. 12—is noon, Jan. 18.



*A northern saw-whet owl perches on a vine maple outside the University Services Building. The size of a robin, the tiny bird is one of the more unusual avian visitors to campus in the winter. Interested in learning more about local birdlife? Registration is underway at the UBC BirdCoop for a two-day birding clinic on Feb. 26 and 27. For information call Athletics and Recreation at (604) 822-6000.* Martin Dee photo

Biochemistry, SFU. SFU campus, Math and Statistics K-9509 at 3:30pm. Call 822-0570.

**Genetics Graduate Program Seminar Series**
Adenoviral-Mediated Gene Transfer Of The Human Lipoprotein Lipase Gene. Kate Ashbourne. Wesbrook 201 at 3:30pm. Refreshments. Call 822-8764.

**Law And Society Panel Discussion**
Law And Society Issues In The 21st Century. Margot Young, chair; various round-table members. Green College at 5pm. Call 822-1878.

**St. John's College Speaker Series**
Global Water Issues. David Brooks, International Development Research Centre. St. John's College Lecture Hall 1080 at 5:15pm. Call 822-8781.

## FRIDAY, JAN. 28

**Pediatric Grand Rounds Site Wide**
Upshots From The Vaccine Centre. Dr. David Scheifele, Pediatrics; director, Vaccine Evaluation Centre. GF Strong Aud. from 9-10am. Call 875-2307.

**Fish 500 Seminar**
Trial Of New Side-Looking Fisheries Sonars In The Southern Strait Of Georgia. Mark Trevorrow, IOS-DFO. Hut B-8, Ralf Yorque Room at 11:30am. Refreshments at 11am. Call 822-2731.

**Pharmaceutical Sciences Seminar**
An In Vitro-Retrovirus Model To Decipher The Mechanisms Governing Blood Cell Maturation And Lineage Commitment. Asst. Prof. Kelly McNagny, Biomedical Research Centre. Cunningham 160 from 12:30-1:30pm. Call 822-7795.

**Chemical Engineering Weekly Seminar**
Enhanced Fermentation Of Spent Sulfite Liquor Using A Recombinant Saccharomyces Strain. ChemEng 206 at 3:30pm. Call 822-3238.

## NOTICES

**Research Study**
EcoRisk Research unit is seeking UBC staff members to volunteer for a research study investigating public perceptions about the benefits and risks of space exploration. A booklet and questionnaire will be campus-mailed to you to complete at your convenience. Call Joseph 822-9261.

**Premenstrual Asthma Study**
UBC/St. Paul's Hosp. researchers are seeking females with asthma and regular menstrual cycles for a study on estrogen's effects on asthma symptoms and lung function. Must be 18-45 years of age, non-smokers, and NOT taking birth control pills. Honorarium and free peak flow meter provided. If interested, please call 875-2886.

**Sexual Assault Research**
The Anxiety and Fear Laboratory in the Dept. of Psychology requires female volunteers who have experienced unwanted sexual activity to participate in a research project. If you have ever had sex with someone when you didn't want to, because the other person continued the event when you said no, forced or threatened to force you, or because you were given alcohol or drugs, and you would be interested in helping us with our research, please call 822-9028. Confidentiality and privacy protected.

**Child Behaviour Research**
How do parents see challenging child behaviours? We are asking parents of seven-14 year olds to tell us by completing an anonymous, 30-minute questionnaire. You can receive the results. Please call Assoc. Prof. Johnston's lab, 822-9037.

**Psychology Study**
We are seeking healthy eight-12 year olds and their mothers to take part in a psychology study to find out more about how children learn about hurts and pains. For more information, call Prof. Craig's lab at 822-5280.

**Traumatic Stress Clinic**
Psychologists conducting research at the Traumatic Stress Clinic at UBC Psychiatry are offering free treatment to people suffering from Post-Traumatic Stress Disorder (PTSD). PTSD is caused by events such as physical or sexual assault, and motor vehicle accidents. Call the Traumatic Stress Clinic at 822-8040.

**UBC Zen Society**
Zazen (sitting meditation) each Tuesday from 1:30-2:20pm while classes in session. Asian Centre Tea Gallery. All welcome. Call 822-2573.

**Bike Workshop**
Free bike care clinic with Jason Addy, master bike mechanic. SUB loading dock, room 41, every Wednesday from 6pm-7pm. Call 822-BIKE.

**Bike Repair Party**
Help repair and paint public bikes and learn as you go. MacMillan (sw corner), every Tuesday from 4-8pm. Call 822-4566.

**Vancouver Team Handball**
Looking for players at all levels. Osborne Gym, Fridays from 7-9pm. Call 222-2074 or visit handball-bc.hypermart.net.

**Parkinson's Research**
A research team from UBC is asking for the assistance of people with Parkinson's to participate in research. This research is aimed at understanding how Parkinson's may affect complex activities such as managing multiple tasks. Participation involves performing fairly simple tasks, some of which involve responding verbally to computer screen displays. The general goal of this work is to develop effective methods of coping with Parkinson's. If you are a healthy person of the age 50 years or older, we are also in need of several people to participate in this study as part of a non-Parkinson's comparison group. If you would like to participate or require more information, please contact Todd Woodward, Psychology, 822-3227.

**Museum Of Anthropology Exhibition**
Objects Of Intrigue. Continues to March 31. A Break In The Ice: Inuit Prints From The Linda J. Lemmens Collection. Continues to Feb 2. Attributed to Edenshaw: Identifying The Hand Of The Artist. Continues to Feb. 13. Three Case Studies. Northwest Coast Art. Continues to August. Raven's Reprise: Contemporary Works by First Nations Artists. Jan. 26-Jan. 14 2001. Philippine Pottery From The Tecson Collection. Continues to April. www.moa.ubc.ca or call 822-5087 or 822-5950.

**TRIUMF Public Tours**
Tours are available every Wednesday and Friday to April 28 starting at 1pm and lasting approx. 1 hr. 15 min. Group tours may be arranged by calling the TRIUMF Information Office 222-7355.

**UBC Campus Tours**
Walking tours of the campus available upon request. E-mail melissa.picher@ubc.ca or call the Ceremonies Office at 822-0949 to book a time.

**AMS Rentsline**
Helping students find housing since 1993, the AMS Rentsline is UBC's off-campus housing registry. This service gives students access to hundreds of rental listings, and landlords access to thousands of students looking for housing. You can call the Rentsline from any touchtone phone 24 hours a day, 365 days a year. Call 714-4848.

**Pride UBC Alumni Search**
Out In The Millennium: Celebrating 20 years Of Outweek (1980-2000). This event is for our current GLBT members and alumni, as well as our friends and allies. Call Amar (co-chair) 222-3542.

**Faculty Women's Club**
The Faculty Women's Club brings together women connected to the university either through their work or that of their spouses, for social activities and lectures. The main purpose of the Faculty Women's Club is to raise funds for student scholarships. There are 19 different interest groups within the club, ranging from art appreciation and bridge to hiking. Do come and join us! Call Barbara Tait, president 224-0938; Gwyneth Westwick, membership 263-6612.

**Twin Research**
Are you, or do you know a female adult twin? We are studying the relationship types of fraternal and identical female twins. If you can help by completing some questionnaires and being interviewed about relationships, please e-mail: tmacbeth@cortex.psych.ubc.ca or call Tannis MacBeth, Psychology at 822 4826.

**Research Study**
Hard-of-hearing university students are invited to discuss their post-secondary experiences for a PhD study. Involves interviews and the option of jotting down thoughts twice weekly over a three-week period. Honorarium to be provided. Contact Ruth Warick, graduate student, in the Dept. of Educational Services, UBC, Phone/FAX 224-4198 or e-mail rwarick@interchange.ubc.ca.

**UBC Utilities Advisory Notice**
UBC Utilities regularly performs maintenance work on underground piping and electrical systems. Work sites are always blocked off with appropriate signs and barriers, however sometimes unauthorized individuals remove these signs and barriers. Please approach work sites cautiously and respect signs and/or work crew instructions to avoid potential harm. Potential hazards including falling, electrical shock, burns, and other harmful events. If you have any questions concerning a UBC Utilities work site, please call 822-9445.

**Parents with Babies**
Have you ever wondered how babies learn to talk? Help us find out! We are looking for parents with babies between four to 21 months of age, including babies raised in a bilingual home, to participate in language development studies. If you are interested in bringing your baby for a one-hour visit, please call Prof. Janet Werker's Infant Studies Centre, Psychology, 822-6408 (ask for Kate).

**Parents With Toddlers**
Did you know your child is a word-learning expert? Help us learn how children come to be so skilled at learning new words. We are looking for children (two-four years old) and their parent(s) to participate in language studies. If you are interested in bringing your child for a 45-minute visit, please call Asst. Prof. Geoffrey Hall's Language Development Centre, Psychology, 822-9294 (ask for Kelley).

**BC SMILE**
The British Columbia Seniors Medication Information Line (BC SMILE), answered by licensed pharmacists, is a free telephone hotline established to assist seniors, their families and caregivers with any medication-related questions including side effects, drug interactions, and the misuses of prescription and non-prescription drugs when it is not possible to direct such questions to their regular pharmacist or physician. Monday to Friday 10am-4pm. Call 822-1330 or e-mail smileubc@unixg.ubc.ca.

**Statistical Consulting And Research Lab (SCARL)**
SCARL offers statistical advice and long or short-term assistance to researchers. Resources include expertise in many areas of statistical methodology and a variety of statistical software. www.stat.ubc.ca/~scarl, e-mail: scarl@stat.ubc.ca or call 822-4037.

**UBC Fencing Club**
UBC Fencing Club meets every Tuesday 7-9pm and Sunday 2-5pm in Osborne Gym A. Learn decision-making, poise and control. Newcomers welcome. Drop-in fee. Leave message at 878-7060.

**Chan Centre Tours**
Free tours of the Chan Centre for the Performing Arts are held every Thursday. Participants are asked to meet in the Chan Centre main lobby at 1pm. Special group tours can be booked through www.chancentre.com or at 822-1815.

**Got A Stepfather?**
17-23 years old? Love him, hate him or indifferent, you qualify. $10 for 30-minute anonymous questionnaire, student or non-student, mailed survey. gamache@interchange.ubc.ca or Susan at 822-4919.


**Recycle Yourself.**
Decide to Be an Organ Donor and Tell Your Family.

The Kidney Foundation of Canada
BC Branch
(604) 736-9775 1-800-567-8112

British Columbia Transplant Society
(604) 877-2100 1-800-663-6189

CANADIAN LIVER FOUNDATION
(604) 681-4588 1-800-856-7266

**CANCER PREVENTION**
**You Can Have A Hand In It**
**Did you know that certain foods may help reduce your risk of cancer. Get all the information by contacting your unit of the Canadian Cancer Society.**

ubc reports

# calendar

UBC REPORTS is published twice monthly (monthly in May, June, July, August and December) and carries a calendar of events in each issue. Please type or clearly print your submission and limit to 35 words. It is the submitting department's responsibility to ensure that all information is complete and correct. If you prefer, you may submit your item through the *UBC Reports* Web page at www.publicaffairs.ubc.ca/reports/ . You may also wish to submit your item to the Live@UBC Web page at www.liveat.ubc.ca. FOR CALENDAR SCHEDULE AND DEADLINE INFORMATION, PLEASE CONTACT US AT: UBC PUBLIC AFFAIRS OFFICE, 310-6251 CECIL GREEN PARK ROAD, VANCOUVER, B.C. V6T 1Z1. PHONE: UBC-INFO (822-4636). FAX: 822-2684.

EVENT: _____
(please specify: seminar, lecture, workshop, music or other)

_____

DATES: _____

TITLE: _____

_____

SPEAKERS: _____
(please specify: name, title, department and other affiliations)

BUILDING: _____ ROOM: _____

TIME: _____ TEL. # FOR INFO: _____

ADDITIONAL INFORMATION: _____
(fees, refreshments, etc.)

SUBMITTED BY: _____
Name

_____
Department

_____
Telephone

# supplements

UBC REPORTS regularly publishes supplements—policy drafts, survey results, reports or other administrative documents—on behalf of various university offices. The following guidelines will facilitate production of supplements for UBC REPORTS and ensure your supplement is printed to your specifications.

TECHNICAL GUIDELINES:

- All supplement material should be submitted on a 3.5" floppy disk or e-mailed to janet.ansell@ubc.ca as a Microsoft Word file. Graphs or tables may be submitted as Microsoft Excel files. For other graphics, please contact the editor at UBC-INFO (822-4636) for information.
- The disk should contain ONLY those files intended for publication.
- The name of each file on the disk should be clearly marked on the disk label. The label should also indicate the program used to create each file.
- PC (IBM) or Macintosh disks can be used.

HARD COPY

- UBC REPORTS also requires hard or printed copy of all supplement materials. The hard copy should contain ONLY MATERIAL WHICH IS TO BE PUBLISHED in the supplement and should be formatted (ie. bold, italics, underlining) as required in the supplement. Appendices, tables or text not intended for publication should not be included.
- All tables, graphs or charts MUST be submitted as clean, ORIGINAL laser-printed copies. This is vital to ensure the quality of reproduction in the event a table or graph file cannot be imported to our computer system.
- Text and graphics should be submitted exactly as they are to be published (ie. proofed and approved).

RATES

1/2 page: $375; full page: $750

For further information, please contact the editor at UBC-INFO (822-4636).

DEADLINES

SUPPLEMENT MATERIAL MUST BE SUBMITTED TO UBC REPORTS AT LEAST 14 DAYS PRIOR TO THE INTENDED PUBLICATION DATE.

# Publication schedule 2000

| DEADLINE AT NOON | Publication Date | Vol./ Issue | CALENDAR COVERS PERIOD: |
|---|---|---|---|
| **Tues. Jan. 4** | Jan. 13 | 46/01 | Jan. 16-Jan. 29 |
| **Tues. Jan. 18** | Jan. 27 | 46/02 | Jan. 30-Feb. 12 |
| **Tues. Feb. 1** | Feb. 10 | 46/03 | Feb. 13-Feb. 26 |
| **Tues. Feb. 15** | Feb. 24 | 46/04 | Feb. 27-March 11 |
| **Tues. Feb. 29** | March 9 | 46/05 | March 12-March 25 |
| **Tues. March 14** | March 23 | 46/06 | March 26-April 8 |
| **Tues. March 28** | April 6 | 46/07 | April 9-April 22 |
| **Tues. April 11** | April 20 | 46/08 | April 23-May 13 |
| **Tues. May 2** | May 11 | 46/09 | May 14-June 17 |
| **Tues. June 6** | June 15 | 46/10 | June 18-July 15 |
| **Tues. July 4** | July 13 | 46/11 | July 16-Aug. 12 |
| **Mon. July 31** | Aug. 10 | 46/12 | Aug.13-Sept. 9 |
| **Tues. Aug. 28** | Sept. 7 | 46/13 | Sept. 10-Sept. 23 |
| **Tues. Sept. 12** | Sept. 21 | 46/14 | Sept. 24-Oct. 7 |
| **Tues. Sept. 26** | Oct. 5 | 46/15 | Oct. 8-Oct. 21 |
| **Tues. Oct. 10** | Oct. 19 | 46/16 | Oct. 22-Nov. 4 |
| **Tues. Oct. 24** | Nov. 2 | 46/17 | Nov. 5-Nov. 18 |
| **Mon. Nov. 6** | Nov. 16 | 46/18 | Nov. 19-Dec. 2 |
| **Tues. Nov. 21** | Nov. 30 | 46/19 | Dec. 3-Dec.16 |
| **Tues. Dec. 5** | Dec. 14 | 46/20 | Dec. 17-Jan. 13 |

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CALENDAR/ADVERTISING: (604) 822-4636 or public.affairs@ubc.ca

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Business card (2 col x 2") $64

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V6T 1Z1

THE UNIVERSITY OF BRITISH COLUMBIA

# UBC Policy #72 on Tuition Fees

## *Notice regarding UBC Policy #72 on Tuition Fees*

The University of British Columbia wishes to establish a set of principles and a revised policy on which to base future tuition fees. With this intent, a Committee on Tuition Policy was established on July 8, 1998 to recommend a set of principles, which it did in its Final Report dated April 26, 1999. These principles have subsequently formed the basis of a draft revision to UBC Policy #72 on Tuition Fees, which is currently before the Board of Governors. These two documents are available on the UBC website:

http://www.oldadm.ubc.ca/tuitionpolicy

In addition, the draft revision is set forth below. The draft revision to UBC Policy #72 is based on the principles outlined in the Committee report. In summary, these are as follows:

- In a public university, the tuition fees paid by students and the Provincial grant together provide the funding to cover the cost of offering degree programs.
- Different degree programs have different delivery costs, which should be considered in establishing the tuition levels of each program.
- Within broad categories of degree programs, students should pay tuition fees that reflect the same percentage of the program cost.
- Tuition levels in research-based graduate programs should reflect the collegial relationship between faculty and students who jointly develop new ideas and approaches, whereas in other programs tuition fees should reflect the more traditional student-teacher relationship.
- Tuition levels of domestic students should reflect the subsidy provided by the Provincial grant to the cost of their instruction.
- In a public university, sufficient financial assistance should be available, as needed, for students to pay tuition. Funding for financial assistance should come from a variety of sources, including tuition fee revenue.

The Board has requested that the University consult widely with respect to the draft revision to UBC Policy #72. The University welcomes comments on this revision. Comments should be received by February 15, 2000, and may be directed to: tuitionpolicy@exchange.ubc.ca

## *DRAFT*
## *Policy #72: Tuition Fees*

Approved: May 1995

Draft Reviewed: November 1999

RESPONSIBLE VICE PRESIDENT: Vice President Academic, Vice President Students

### Preamble

In accordance with the University Act, R.S.B.C. 1996, c. 468, as amended, the University's Board of Governors is authorized to determine the University's tuition fees. This policy sets forth the principles according to which such tuition fees shall be set, subject only to any applicable overriding legislation. The University of British Columbia is a public university that relies on financial support from government to carry out its mission. The University will continue to advocate public investment in post-secondary education and to support financial accessibility of the university system. Public funding will be supplemented by tuition as is necessary to provide students with a quality of education equal to that of the best public universities in the world as endorsed in the University's mission statement.

### Purpose

The purpose of this Policy is to enunciate the manner in which the University will:

- establish tuition fee levels in new Programs;
- review tuition fee levels in existing Programs; and
- determine changes to tuition fee levels from year to year.

### Policy

Tuition fee levels shall be based upon a framework that generally relates tuition fee levels for each Program to the Program cost per student. Tuition will be set as a proportion of the Program cost that is determined by the Board of Governors to be appropriate for students in the Program.

It is the University's goal that no Domestic Student be denied access to University Programs because of inability to pay. The University recognizes that access to Programs can be restricted in two fundamentally different ways. Access to Programs can be limited by the size of the provincial grant to the University, which in turn limits the number of Domestic Student positions that can be offered. Second, access to Programs can be limited by the tuition fees set by the University, which can in turn limit the number of qualified students who can afford to pay them. All avenues of potential revenue will be explored to keep tuition fee increases as low as possible and additional financial aid will be made available from tuition fee increases.

Some percentage of tuition fee increases should be put directly into the delivery of the Programs to which they apply.

### Procedures

*Setting Tuition Rates Across Program Categories*

The proportion of the Program costs paid by students in the form of tuition should vary for each of the following four categories: (1) Undergraduate Programs; (2) Post-Baccalaureate Programs; (3) Research-Based Graduate Programs; and (4) Professional Graduate Programs. The lowest proportion of Program costs per student should be paid by students in Research-Based Graduate Programs, followed by those in Undergraduate Programs, followed by those in Post-Baccalaureate Programs, followed by those in Professional Graduate Programs.

*Form in Which Tuition Fees Should be Charged*

While the tuition levels for all Programs should be based on Program costs, how they are charged to students should depend on the category of Program. For all Undergraduate Programs, tuition fees should be charged on a per-credit basis, with the per-credit tuition fee charged on the basis of the student's Program rather than the specific courses attended. For all Professional Graduate Programs and for most Research-Based Graduate Programs and Post-Baccalaureate Programs, a set tuition fee should continue to be charged for the student's Program.

### Setting Tuition Rates:

*For Professional Graduate Programs*

The proportion of Program costs paid by students as tuition in Professional Graduate Programs may vary by specific Program. In order for an individual department, school, or faculty to initiate a change in the proportion of Program costs from the proportion established above for Professional Graduate Programs generally, the initiating unit must (1) indicate the basis on which the specific Program should be deemed a Professional Graduate Program; (2) recommend a tuition fee level for both Domestic Students and International Students in that Professional Graduate Program; (3) provide an analysis of the demand for that Professional Graduate Program at the recommended tuition fee level, fully considering competition from other Programs and their tuition levels; (4) provide a plan for distributing a specific proportion of the tuition fees to that Professional Graduate Program; (5) provide a financial assistance plan for students in that Professional Graduate Program, including all funding sources for financial assistance and any expectations about the use of existing University funds for graduate student assistance; and (6) if the recommended proportion of Program costs paid by Domestic Students as tuition is less than 100%, provide a rationale as to why that Professional Graduate Program should receive financial support from the University.

*For Domestic Students and International Students*

Except in the case of Research-Based Graduate Programs, the proportion of Program costs paid by individual students should depend on whether they are Domestic Students or International Students. For a given Undergraduate Program, Post-Baccalaureate Program, or Professional Graduate Program, Domestic Students should pay a lower proportion of Program costs than International Students. International Students in Undergraduate Programs, Post-Baccalaureate Programs, and Professional Graduate Programs should pay tuition fees that cover at least the complete costs of providing the Program.

Recognizing that the University's Research-Based Graduate Programs encompass activities that benefit from the presence of International Students who can bring with them new ideas and techniques, Domestic Students and International Students in Research-Based Graduate Programs should pay the same proportion of Program costs.

*Competitive Factors in Setting Tuition Fees*

The tuition levels and financial assistance established at the University should take into account the tuition levels and financial assistance at other universities with which the University competes for students, both within Canada and internationally.

*Financial Assistance*

Some percentage of tuition increases should be put into need-based, financial assistance. This is in addition to the base level of financial assistance currently in place based on existing tuition levels. The size of this percentage should be determined only after detailed modeling has been conducted that examines the amount of additional financial assistance that is needed in Programs having significant tuition increases.

The University will work with external sources of student aid and financial awards, including both the federal and provincial government to ensure that fair student aid policies are put in place.

*Compensating for Changes in the Provincial Grant and in Program Costs*

Consistent with the provisions of this policy, changes in the provincial grant in constant dollars per weighted full-time equivalent student should be reflected by adjustments to tuition fee levels. Constant dollars should be calculated using an inflation index appropriate to the University including imposed and regulatory costs, e.g. mandated increases in the cost of benefits.

Changes in the costs of delivering Programs over time should be reflected by adjustments to the tuition fee levels for these Programs according to the framework set forth above to the extent that adjustments to the provincial grant do not compensate for these changes.

*Consultation, Communication, and Accountability*

Tuition fees should be developed in consultation with the various constituencies within the University and within suitable timelines. The University should establish a tuition schedule that is published well in advance of the academic year to which it applies.

The University should communicate, in a timely manner, full information about the types and amounts of financial assistance available to potential applicants.

Furthermore, the University should ensure that specific offers of financial assistance are made to admitted students in a timely manner.

Annual budget allocations and expenditures within the University, arising from all sources of revenue including tuition revenue, should involve openness and accountability to all constituencies. Therefore any tuition fee increases should be accounted for in terms of their benefits to students.

## Definitions

*University* - The University of British Columbia

*Program* - a program of studies leading to a specific degree (eg. MSc (Genetic Counselling); BA; BASc; and MD) upon graduation.

*Domestic Students* - students who are Canadian citizens or Canadian landed immigrants.

*International Students* - students other than Domestic Students.

*Undergraduate Programs* - all Programs in which Bachelor level degrees are awarded upon graduation (e.g. BA; BSc; BASc), save for the exceptions noted under Post-Baccalaureate Programs immediately below.

*Post-Baccalaureate Programs* - those Programs in which the following degrees are awarded upon graduation: LLB; MD; DMD; BEd

*Research-Based Graduate Programs* - all Programs in which Master's or Doctoral level degrees are awarded upon graduation (eg. MA; MSc; MFA; and PhD), save for the exceptions noted under Professional Graduate Programs immediately below.

*Professional Graduate Programs* - those Programs in which the following degrees are awarded upon graduation: MBA; MEng; MArch; MLA; MJ; EdD; MSc (Genetic Counseling); PharmD; Masters of Software Systems; and Combined MBA/LLB

# UBC Policy #128 on Deacquisitions of Works of Art

*DRAFT*

*Policy #128: Deacquisitions of Works of Art for The Belkin Art Gallery and the University Library*

RESPONSIBLE VICE PRESIDENT: Vice President Academic and Provost

## Preamble

There are circumstances when disposals may strengthen a museum collection by refining and improving its quality; but generally, there is a strong presumption against the disposal of accessioned collections to which the museum has acquired legal title, particularly objects which have been certified by the Canadian Cultural Property Review Board.

– Canadian Museums Association. *CMA Ethical Guidelines*. Ottawa: CMA, 1998.

## Purpose

To set out the circumstances, conditions and procedures for disposing of works of art in the Belkin Art Gallery and the University Library.

## Policy

Deacquisitioning may occur for the following reasons:

- Works which are in violation of international treaty binding in the Government of Canada, or works whose ownership by the University has been successfully challenged in law.
- Works which have deteriorated to the point that they are useless for exhibition or study; or works of which only a fraction remains in the original condition.
- Forgeries.
- Duplicates: for example, identical impressions of the same state of a print or a photograph.
- Works acquired by donation with the expressed permission of the donor that they may be sold or exchanged.
- In order to upgrade the representation of a particular artist by disposing of one work for the trade or purchase of more appropriate work by the same artist.
- To divest the collection of works which do not support the scope of the collection and works of demonstrably inferior quality; providing the academic integrity of the collection is not disrupted.

## Restrictions on Deacquisitioning:

- In the case of a gift or bequest the deacquisition will not violate any understandings or legal conditions made between the University and the donor.
- Works that adversely affect tax consequences to the donor and the University.

Proceeds from deacquisition can only be used for acquisitions and not for any other purpose.

## Procedures

Deacquisition of works may only be initiated as follows:

- in the case of works controlled by the Morris and Helen Belkin Art Gallery, the advice of the Director acting on the recommendation of the President's Committee in University Art;
- in the case of works controlled by the University Library, the advice of the University Librarian acting on the recommendation of the Senate Library Committee;
- with the approval of the Vice President Academic and Provost.
- Deacquisition of works with value in excess of $100,000 or of special significant interest must be approved by the Board of Governors.
- Documentation of deacquisitioned works will be kept current, standardized, and systematized for easy referral and retrieval by a wide range of users.

Deacquisitioned works may be disposed in one of the following ways:

- Returned to its rightful owner.
- Given to another institution where the work may be deemed appropriate.
- Exchanged for preferable examples in the same category of work.
- Destroyed, but only when conditions render the work useless and neither selling nor donating is possible.
- Sold, with the proceeds going to acquisitions only.

## Definitions

*Works* means works of art.

# Community team explores alternatives to adversaries

*Faculty are among those working to find ways to resolve legal disputes outside the court system*

**by Bruce Mason** staff writer

THE COMPLAINTS are commonplace and long-standing: our adversarial approach to resolving legal disputes is too costly, too slow and emotionally draining. Many litigants find the process mystifying, disempowering and unfair.

Now an interdisciplinary team of UBC faculty and 13 community partners will explore and evaluate the alternatives, which will fundamentally change the practice of law in the new millennium.

"Our court system has developed over hundreds of years, but only relatively recently have we begun to look more closely and place greater emphasis on mediation and other alternatives to dispute resolution," says Hon. Chief Justice Bryan Williams of the Supreme Court of B.C. "This program is part of a growing force which is a good one in the minds of many people."

The project for Alternative Dispute Resolution (ADR): A Collaborative Program of Research and Training — will focus on four sub-projects: family law, personal injury accidents, construction law (including leaky condominiums) and human rights. It also involves law education at UBC.

"We are very pleased to be working with the external community on issues it thinks are important," says John Hogarth, professor of Law and director of the program, which will draw on senior scholars at the university from law, psychology, sociology, education and evaluative research.

"Every professional, governmental and advocacy group we consulted were keen to become actively involved," he adds.

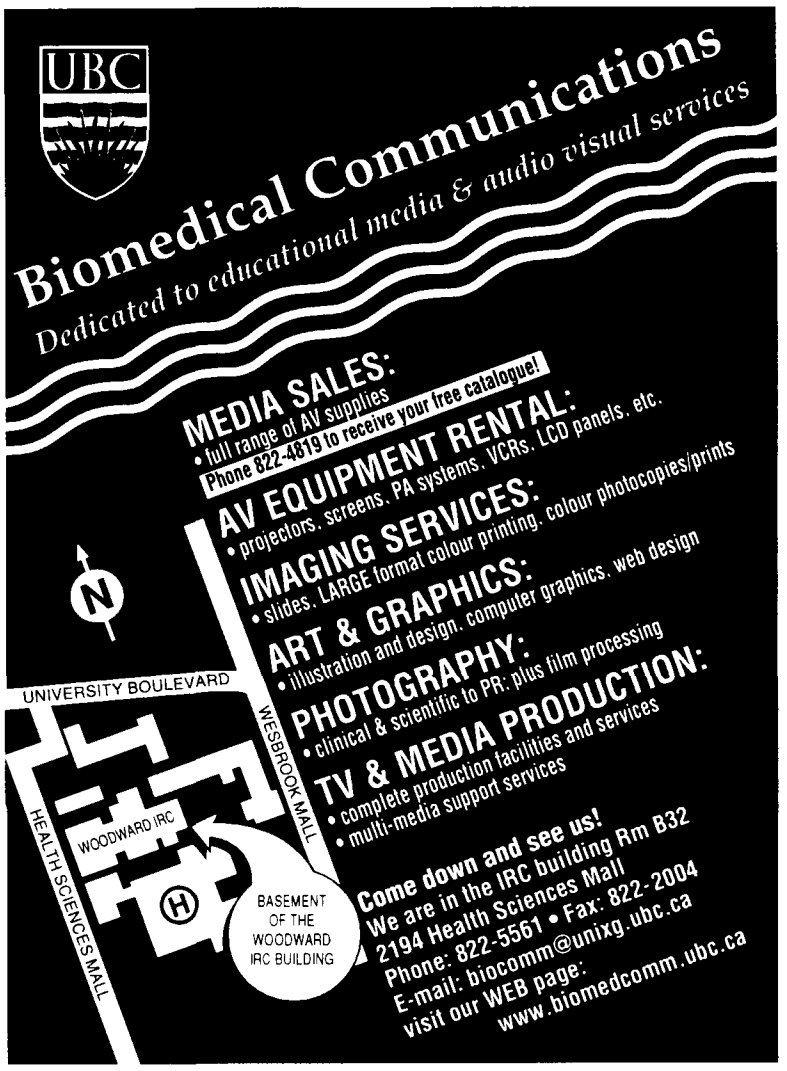
One million dollars in cash, space and staff is being provided by the university and its primary partners. As well, the UBC ADR applied research project has been awarded $600,000 as the top-ranked proposal in the Social Sciences and Humanities Research Council's Community-University Research Alliances, which invited 178 formal submissions.

The significance and range of the UBC initiative is reflected in its primary partners which include: the Supreme Court of B.C., Provincial Court, the Ministry of Attorney General and the Law Society of B.C.; The Canadian Bar Association; the B.C. Human Rights Commission, and Coalition; the B.C. Federation of Labour, Coalition of B.C. Business and Business Council of B.C., the Insurance Corporation of B.C. and the B.C. Automobile Association (BCAA); the Condominium Home Owners Association and Vancouver Regional Construction Association.

"We consider the work being done on ADR at UBC to be vital," says John Ratel, director of Government Relations for the BCAA. "There is an overwhelming need for an equitable, fair and fast solution to claims from automobile collisions and other incidents."

Cases resolved under new ADRmechanisms will be compared with those where no mediation was attempted or did not succeed.

A three-year ADR skills-oriented program of instruction is underway in the Faculty of Law and mediation services will be offered to clients of the Law Student Legal Advice program in 24 locations in the Lower Mainland and in the First Nations Legal Clinic in Vancouver's Downtown Eastside.

THE UNIVERSITY OF BRITISH COLUMBIA

## CENTRE FOR SOUTHEAST ASIA RESEARCH DIRECTOR

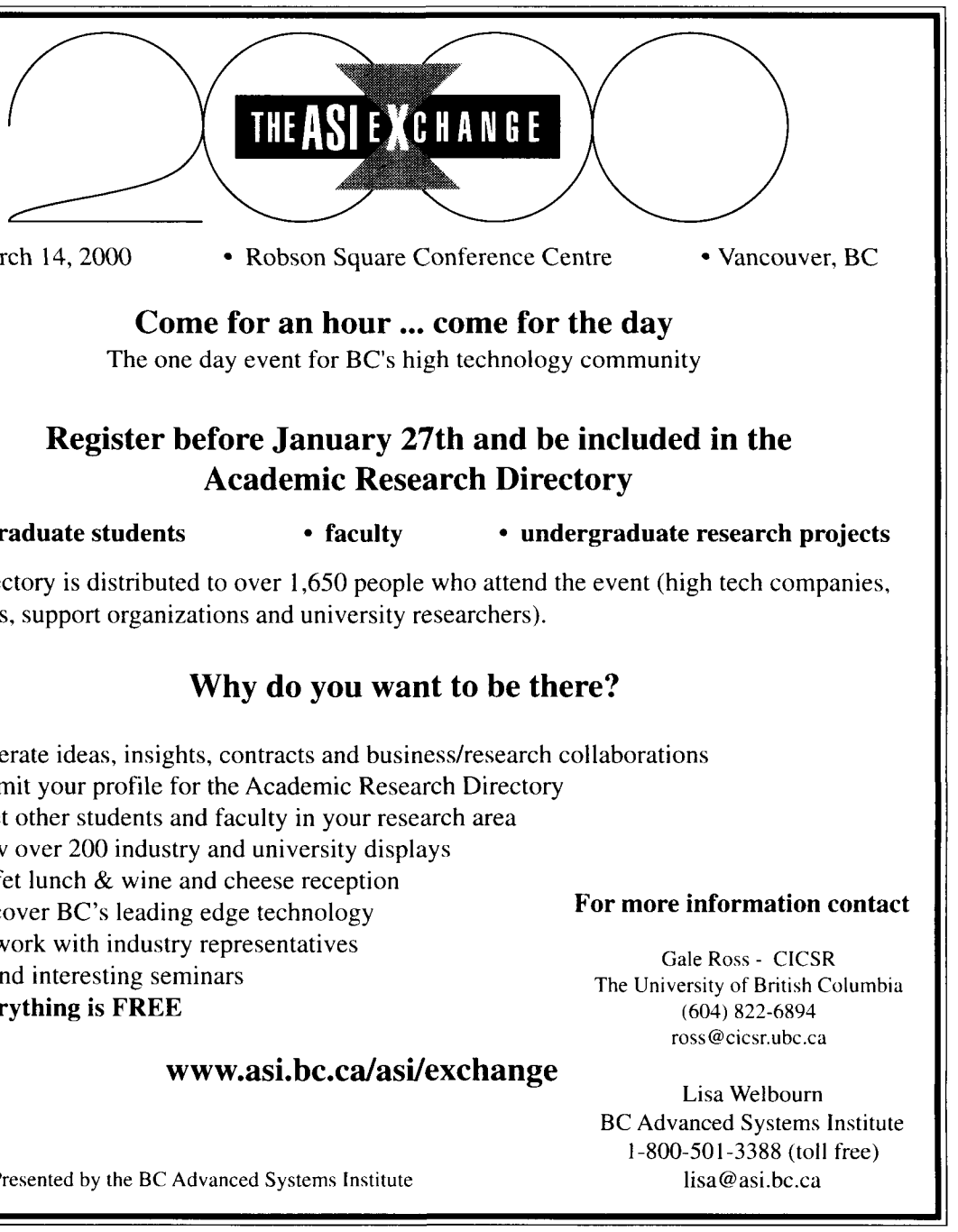
The Institute of Asian Research is seeking applications from within the University for the post of Director of the Centre for Southeast Asia Research. Applicants should hold academic appointments at UBC and have demonstrated commitment to research on one or more countries or regions of Southeast Asia. The successful applicant will be expected to take up the appointment on March 1, 2000.

The successful candidate will be expected to devote considerable attention to seeking funding from external donors for the programs of the Centre, as well as developing research programs focusing on Southeast Asia, organizing conferences and seminars on the Centre's research interests and projects. The Director will administer the budget of the Centre, and chair the Centre's management committee. The Centre Director will be expected to collaborate with the Director of the Institute of Asian Research in developing inter-Centre and interdisciplinary teaching and research initiatives. The Centre Director will also serve on the Council of the Institute. Issues regarding teaching relief, honorarium and/or other aspects of compensation will be subject to negotiation with the Director of the Institute of Asian Research.

UBC hires on the basis of merit and is committed to employment equity. All qualified persons are encouraged to apply.

The appointment will be for a fixed term of three to five years. The deadline for applications is February 10, 2000. Applicants should send a letter describing their interest in the position, a curriculum vitae, and the names and addresses of three references to:

Pitman B. Potter, Director
Institute of Asian Research
C.K. Choi Building, Room 251
1855 West Mall, UBC
V6T 1Z2.

## DIGEST

### *Institute zeros in on globalization*

The Institute of Asian Research (IAR) in the Faculty of Graduate Studies will study the effects of globalization on social, economic and political conditions in Australia, China, Indonesia, Japan, Korea, and Sri Lanka. A $375,000 Social Sciences and Humanities Research Council grant has been awarded for the research project.

"Despite the increased volume and stridency of the rhetoric on globalization, we still don't understand fully what it is and what are its effects on local communities," says Prof. Pitman Potter, director of the institute and principal investigator.

Working in partnership with the Asia Pacific Foundation of Canada, IAR will develop policy recommendations based on the research. The project runs for three years.

### *Nominations sought*

The Campus Advisory Board on Student Development (CABSD) is seeking nominations of individuals, services and programs or departments who make exceptional contributions or significant improvements to student experience and the learning environment at UBC. Nominations from UBC students, faculty, staff and recent graduates are welcome.

Submissions, including a written statement and two supporting letters, should be sent to the Office of the Vice-President, Students, Room 123, Old Administration Building, 6328 Memorial Rd. by Feb. 15.

### *Nominate a top TA*

Nominations are sought for the 1999/2000 Graduate Teaching Assistant Teaching Awards.

Celebrated annually since 1996, $1,000 awards are given to 10 UBC teaching assistants whose contributions result in a high level of respect from undergraduates and academic or course supervisors.

The award is open to any graduate teaching assistant in the current, and/or the preceding academic year.

Nomination packages are available through each faculty or can be obtained at www.oldadm.ubc.ca/vpacademic/TAawards/.

Winners will be chosen by the faculties and announced in April.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***Calling All UBC Authors!***

Are you the author of a book, or the creator of a video, cd, cd-rom, or electronic book published between January 1999 and December 1999?

If so, we would like to hear from you so that you can be included in the **10th Annual Reception for UBC Authors**.

This reception, hosted by President Martha Piper and University Librarian Catherine Quinlan, will be held Mar 21, 2000.

If you are a UBC author, please contact
Margaret Friesen
Main Library, Room 532
1956 Main Mall
822-4430 /fax 822-3335
e-mail: mfriesen@interchange.ubc.ca

by January 21, 2000.


## Accommodation

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## Personal

**CATHY PATRICIA** born March 3, 1965, Calgary. Now ready to open communications with you and SPECIAL granddaughter only. Hope you are willing. Cherish all memories except one. I put ad in March 1-4, 1988 Calgary Herald. Same time, same place every Wednesday. My heart got stuck at 1:45pm that day. YOUR family tree worth the wait. Call 681-3069.

### PLACING CLASSIFIED ADS

*Deadline:* for the Jan. 27 issue: 12 noon, Jan. 18.

*Enquiries:* UBC-INFO (822-4636) · *Rate:* $16.50 for 35 words or less.

*Additional words:* 50 cents each. Rate includes GST.

*Submission guidelines:* Ads must be submitted in writing 10 days before publication date to: UBC Public Affairs Office, 310 – 6251 Cecil Green Park Road, Vancouver BC, V6T 1Z1. Ads must be accompanied by payment in cash, cheque (made out to *UBC Reports*) or journal voucher.

Please recycle.

Music Education Assoc. Prof. Peter Gouzouasis (right) hopes to soften the impact of the decline in music programs in the public school system through a new program for children and youth at UBC. *Bruce Mason photo*

# Program aims to sound lost chord for children

**by Bruce Mason** staff writer

"IT'S UNIQUE and long overdue," says Peter Gouzouasis, associate professor in Music Education, as he does the Hokey-Pokey with a handful of toddlers. Strewn across the floor are hula-hoops and shakers, guitars and cassette decks, parents and children. As he puts his right foot in and shakes it all about, he explains the Music Preparatory Program for Children and Youth he is establishing at UBC.

"Children in the Lower Mainland will have exciting opportunities to make connections between art, dance, and music in the only program of its kind in B.C.," he says, keeping eye contact at knee level.

"That's what it's all about!" Gouzouasis pauses and shouts to a small group, which is breathing heavily but keen to move on.

As music programs in the public school system rapidly decline, he hopes to soften the impact.

Faculty and instructors from Education and the School of Music will be involved in various aspects of the project, which will draw on the most up-to-date research, teaching materials and practice in childhood music education. The state-of-the-art MUSES Computer Laboratory, with digitized sound, music, graphics, and video, will supplement the traditional classroom.

An early pioneer in the preschool music movement of the early '80s, Gouzouasis has more than 20 years of innovative teaching experience with newborn through Grade 7 children.

Classes are being set up for children from birth to 12 years. Prices vary from $15 and $20 per session to $150 to $200 for a 10-week session. Special, deep discounts are available to UBC faculty and staff.

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MORE INFORMATION
*Call (604) 822-8293*

# Lectures help bring science down to earth

*Speakers focus on 'Earth in the Balance' theme in lecture series' fourth year*

THE EVER-POPULAR Science First! lectures resume today with a lecture by John Robinson, director of the Sustainable Development Research Institute, which will explore climate change and sustainability. The hour-long session begins at 12:30 p.m. in Room 100 of the Wesbrook Building.

The lecture is the third in a series of nine talks with the theme "Earth in the Balance." The series focuses on global change and what humans are doing to the planet — a timely topic given that a new millennium has barely begun.

"It is a compelling theme," says series co-organizer Tom Pedersen, a professor in Earth and Ocean Sciences. "We are witnessing global-scale changes that are human induced and it is high time that we understood them better so that we can work towards mitigating their impact. After all, good planets are hard to find."

Launched in the fall of 1996, the lunchtime lectures have grown in popularity each year with students and professors alike attending.

The series was conceived by Julyet Benbasat, former associate dean of Science and Zoology Assoc. Prof. Lee Gass as a means of getting students to rethink what it is about science that excites them the most. The lectures have stimulated students' appreciation for the breadth of science and the many options available at UBC.

Upcoming lectures include talks on the state of the earth's rivers and mountains and the effects of air pollution on the environment.

"The talks are designed for everyone—both arts and science students in all years," says Pedersen. "And the first two were outstanding. It is fair to say that the students were inspired by them."

The series continues every second Thursday at 12:30 p.m.

. . . . .

MORE INFORMATION
*Call (604) 822-3336 or visit the Web site www.science.ubc.ca/new/scifirst/scifirst.html*

# *Honour Roll*

**Shannon von Kaldenberg** has been named to the new position of assistant dean, External, in the Faculty of Commerce and Business Administration.

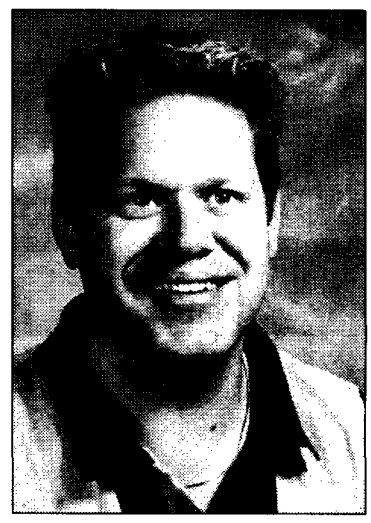
With more than 20 years of fund-raising experience in the health care and social services sectors, von Kaldenberg has been the director of Development in the university's Development Office for the last three years. In that role, she managed the transfer of the office from a campaign mode to an ongoing fund-raising program. She was also instrumental in helping to develop a more decentralized fund-raising model for UBC.

In her new role, von Kaldenberg will help lead the planned development activities of the Faculty of Commerce and Business Administration.

Asst. Dean Shannon von Kaldenberg

. . .

**Darren Lund**, an Education PhD student, has earned the first-ever Harmony Award of Distinction.



Award winner Darren Lund

The special award was created to recognize the initiatives of the Students and Teachers Opposing Prejudice (STOP) program he founded in 1987.

"A high school class I was teaching in Red Deer, Alta. wanted to speak out against racism," he recalls. "STOP now sponsors a province-wide poster and poetry contest, provides speakers for schools and youth conferences and is involved in everything from gender issues to Tibet independence and human rights in Nigeria."

Founded in 1994, the Harmony Movement is a non-profit, nonpartisan, charitable organization dedicated to promoting harmony and diversity in Canada.

. . .

Prof. **James Hogg** of the Dept. of Pathology and Prof. **Peter Pare** of the Division of Respiratory Medicine have been awarded almost $4 million Cdn in research grants from the U.S. National Institutes of Health (NIH).

Hogg, who is director of Research at St. Paul's Hospital, will receive $430,000 US a year over four years to study a treatment for emphysema called lung volume reduction surgery. Pare was awarded $200,000 US annually for four years to study the mechanical changes in the airways of asthmatic patients.

The investigations will be done in the UBC Pulmonary Research Laboratory at St. Paul's Hospital.

**Mary Bryson**, associate professor, Dept. of Educational and Counselling Psychology and Special Education and **Suzanne de Castell**, Education professor at SFU are co-recipients of the 1999 Wired Woman Society's Pioneer Award. The national award is given to women who are leaders in technology and new media.

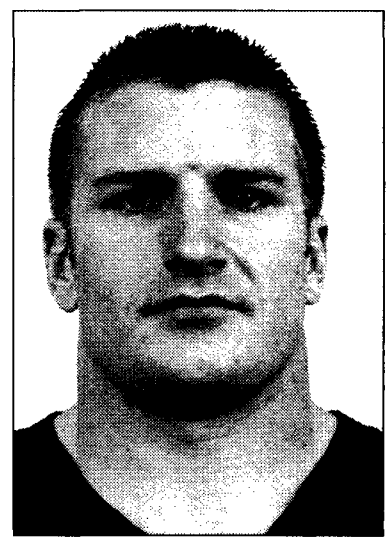
Bryson and de Castell's contributions to these fields have included combined work on the GenTech Project—an applied research project to create conditions in which women have access to, and confidence in, a wide range of information technologies. They have also conducted research into gender, technology and education.

The award will be presented at the Women in the Spotlight 2000 ceremony at the Hotel Vancouver on Feb. 18, which celebrates the achievements of Canadian women in entertainment, communications and new media.

. . .

UBC Thunderbirds football captain and defensive end **Tyson St. James** has earned the 1999 John P. Metras Trophy as the outstanding lineman in the Canadian Interuniversity Athletic Union (CIAU).

The Political Science student was also a unanimous choice for the first All-Canadian team for the second straight year.



Outstanding lineman Tyson St. James

Other UBC players who were named to the team for being the best in the country at their positions are: **Aaron Baker**, guard; **Daaron Mcfield**, defensive tackle; and **Akbal Singh**, the university's record-setting running back who was a runner-up for outstanding player. Wide receiver **Brad Coutts** was awarded second team All-Canadian status.

PROFILE

*Forty years young,* Canadian Literature *is still going strong*

# CanLit crusaders

*Canadian Literature's current editorial team (l-r, clockwise from top left): associate editors Iain Higgins, Kevin McNeilly, Alain-Michel Rocheleau, editor Eva-Marie Kröller, associate editor Margery Fee and managing editor Donna Chin.* Andy Poon photo

**by Bruce Mason** staff writer

ONE OF THE BEST stories to come out of Canada in the latter half of the 20th century was the remarkable quality and international success of the country's literature. It is writ large in the pages of the nation's pre-eminent literary journal *Canadian Literature,* which celebrated a 40th birthday last year.

Through 160 seasons the quarterly has explored and celebrated the best of the nation's writers and writing and published new poems and extensive reviews. Its Web site — www.cdn-lit.ubc.ca — is a national treasure, which spans the decades and makes incoming reviews instantly accessible.

"We now receive several hundred submissions of major articles from around the world each year," reports its editor, English and Germanic Studies Prof. Eva-Marie Kröller, from one of the three small cramped offices on the UBC campus which house *Canadian Literature.* "Less than 20 per cent make it through our peer-review process."

The publication is lauded for high scholarly standards. Kröller, who has been editor since 1995, says it also continues to honour its original mandate and broad editorial policy. "The journal will not adopt a narrow academic approach, nor will it try to restrict its pages to any school or writer," promised the inaugural editorial four decades ago.

Many readers turn to its pages to discover authors, opinions and insights. Special issues have pioneered topics ranging from native to gay and lesbian writing, the 1960s, and the country's Caribbean, Italian, East European and Hispanic ethnicities.

Guest editors are one of many new initiatives. The current issue, number 163, was edited by Glenn Deer, an assistant professor of English at UBC and a leader in the study of Asian writing from across the continent. It celebrates the remarkable diversity of Asian-Canadian writers in 220 pages packed with articles, reviews and original poetry.

"We are extremely proud of this fine journal, which has promoted the work of the young or unknown, as well as the more famous, while helping to foster respect at home and abroad," says UBC President Martha Piper. "*Canadian Literature* has become an essential historical record, an extended critique and an indispensable tool in fashioning and re-fashioning our best writing and literary scholarship."

"It has educated generations of readers to appreciate their own literary heritage," she adds.

*Canadian Literature* was launched in 1959, a year when the St. Lawrence Seaway was opened and the Avro Arrow scrapped. The hula-hoop was in. So were the new US states Alaska and Hawaii. Black and white TVs broadcast the first images from the dark side of the moon, of Castro arriving in Havana and the Dalai Lama leaving Tibet.

WHEN THE SMALL group of UBC scholars announced the first publication exclusively devoted to the discussion of Canadian writing, CanLit courses were brand new in the English Dept. Very few scholars would have predicted that in just over a generation, Canadian authors would become mandatory reading in classes at British and French universities, or consistently short-listed for the world's top literary prizes. Atwood, Davies, Ondaatje and Shields weren't household names.

"Back then, 'Is there a Canadian literature?' was regarded as a comic question," recalls English Prof. William H. New, who preceded Kröller as editor. "Many people doubted that the journal would survive the first issue, let alone the first year. 'What will you do for the next issue?' was their ironic and somewhat insulting initial reaction."

ALONG WITH English Prof. Emeritus Donald Stephens, New had been asked to serve as assistant editor by George Woodcock, poet, critic, travel writer, historian, essayist, philosopher, biographer, political activist, lecturer, librettist, humanitarian, avid gardener and first editor of *Canadian Literature.*

Woodcock, a literary champion, announced his intention to "throw a concentrated light on a field that has never been illuminated systematically by any previous periodical." He remained editor until 1977.

NEW REMEMBERS pre-computer paste-ups at Woodcock's dining-room table — "academics armed with scissors and Scotch tape, ankle-deep in trimmed galley pages, and smudged with printer's ink, exchanging enthusiasms for the latest insights the journal would be printing.

"Our West Coast perspective provided important and lively alternatives to existing convention and most importantly, academic study would be published side by side with creative writing, to the support of both," says New, who took over from Woodcock, with Kröller, and English professors Herbert Rosengarten and Laurie Ricou as associate editors.

By the time Woodcock had passed the torch, a literary infrastructure was developing on campuses, in the media, in publishing and a network of small presses, magazines and readings.

"It is by now quite evident that Canadian writing has become not merely a distinctive form of literature in English, but also the verbal manifestation of a culture attaining maturity," he wrote at the time.

"AN ENGAGING DISCOVERY of artistic accomplishment and an ongoing evolution of critical analysis," is how New sums up the journal's first 40 years. "The process helped create a lens through which to view Canada's culture.

"*Canadian Literature* ought to and does provide an important critical forum," he adds. "It has evolved exponentially with national and international recognition of writers and scholars of great strength."

"Pivotal," is how one of Canada's best poets describes her summer job in 1991, feeling the nation's pulse as she filed volumes of correspondence.

"As a student I knew *Canadian Literature* as the definitive resource, the most interesting, relevant and unstuffy," says Creative Writing alumna Stephanie Bolster, who earned the 1998 Governor General's Award for poetry for *White Stone: The Alice Poems.* "Working there made writers and writing come alive for me and on my travels I'm still excited and reassured to see it in libraries."

The journal will continue to build on its traditions in unimagined ways. The current editorial team includes associate editors English Asst. Prof. Iain Higgins (poetry), Prof. Margery Fee (general), Asst. Prof. Kevin McNeilly (reviews), and French Asst. Prof. Alain-Michel Rocheleau (francophone literature). Donna Chin is managing editor.

"As always, we face daunting challenges, including those posed by the ongoing changes in 'Canadian' and 'literature,' by the electronic revolution in publishing and growing budgetary constraints," Kröller concludes.