

# UBC REPORTS

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January 21, 1999

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Hilary Thomson photo

## Botany Bay

Bob Kantymir, manager of Greenhouse Facilities at the Botany Dept. greenhouse, enjoys a tropical climate in midwinter as he collects Coleus plant specimens for use in undergraduate Botany labs. In two greenhouses on the roof of the Biological Sciences Building and a field near Totem Park residence, Kantymir cultivates and harvests a variety of plants ranging from Brussels sprouts to cactus for use by students and faculty.

## Four to receive Order of Canada honours

Two renowned UBC scientists, a former director of the Museum of Anthropology, and the first director of the First Nations House of Learning have been named to the Order of Canada.

Dr. Donald Calne and Dr. Judith Hall were named officers of the Order of Canada while Prof. Emeritus Michael Ames and Assoc. Prof. Emerita Verna Kirkness have been named members of the order.

Calne, director of UBC's Neurodegenerative Disorders Centre, is a lead-

ing clinician and researcher. Well-known around the world for his work to understand Parkinson's disease, he will chair the XIII International Parkinson's Disease Congress in 1999 in Vancouver.



Hall



Calne

ing clinician and researcher. Well-known around the world for his work to understand Parkinson's disease, he will chair the XIII International Parkinson's Disease Congress in 1999 in Vancouver.

Dr. Judith Hall's research focuses on human congenital anomalies, health-care delivery and the value of folic acid in reducing birth defects. As a clinical geneticist, she is able to apply new genetic techniques to patient care. *Head of Pediatrics*

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## Finlay is top young scientist in Canada

by Hilary Thomson

Staff writer

UBC Biotechnology Laboratory researcher Brett Finlay has been awarded the 1998 Steacie Prize in the natural sciences, Canada's top award for young scientists and engineers.

Last year's award also went to a researcher in the Biotechnology Lab, Prof. Terry Snutch.

"To have a biologist in a row is very unusual," says Prof. Doug Kilburn, the lab's director. "To have both of these individuals come from the same small academic unit is unprecedented."

"This recognition is extremely flattering," says Finlay. "The list of previous winners is like the who's who of Canadian science."

The cash award of \$10,000 for outstanding scientific research is given annually to a Canadian of 40 years of age or younger.

"The Biotechnology Lab exemplifies the power of interdisciplinary research," says Bernard Bressler, vice-president, Research. "In the last six years, the work of the lab has been recognized not only with two Steacies, but also with Michael Smith's Nobel Prize in Chemistry."



Finlay

Reflecting the lab's interdisciplinary nature, Finlay holds professorships in three areas: the Biotechnology Lab, Biochemistry and Molecular Biology and Microbiology and Immunology.

He conducts bacterial disease research, looking for new ways to treat diseases

See **FINLAY** Page 2

## Program's aim to build leadership skills

A new program to help women students develop strategic leadership skills has been created by the Women Students' Office.

The Women's Leadership Program: Applied Skills and Strategies offers more than a dozen 90-minute workshops designed to strengthen personal and interpersonal skills.

Marsha Trew, director of the Women Students' Office, says students have to be adept in understanding not only themselves but others to succeed today.

"Preparing to live and work in a global environment means developing personal and social competencies," she says. "Leadership effectiveness begins with self-awareness and grows to an understanding of others."

Workshop topics range from understanding personal style and conflict resolution to exploring diversity and managing emotions.

Trew says the skills and strategies women will gain from these seminars can be used immediately or applied to future careers.

"Whether women are preparing a class presentation, making their way through a degree program or getting ready for their first job, they're being called on to take charge of their own potential," she says.

Each workshop costs \$5. Students who complete a minimum of six will earn a certificate. For further information or to register call the Women Students' Office at (604) 822-2415.

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How Y2K-proof is your computer at home?

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UBC planners help a city in Brazil balance the necessities of life

"an explosion of gated communities"

ROBERT HELSLEY

Faculty of Commerce and Business Administration;  
Centre for Real Estate and Urban Land Economics

Think About It.

UBC RESEARCH  
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## Finlay

Continued from Page 1

such as salmonella and E.coli.

The need for new treatments is becoming critical as bacteria rapidly become resistant to currently used antibiotics, says Finlay.

His research focuses on the interactions between disease-causing bacteria and their host cells. He wants to know how these pathogens adhere, enter, survive, replicate and exit the host cells.

The lab recently discovered that E. coli bacteria insert a soluble bacterial protein into the host cell membrane. The bacteria bind to this inserted protein, rearrange the host cell microvilli — the microscopic filaments on the membrane surface — to form a pedestal or base camp to launch their invasion in the host.

It is unique to find a pathogen that can put its receptor, a protein that allows the bacteria to adhere to the host, directly into a host cell and thrive on it, says Finlay.

Previously it was believed that receptors existed within the host cells and were not of bacterial origin.

The next step is to work with biotechnical companies to develop vaccines that will prevent the E. coli bacteria from infecting cows, which will in turn protect beef consumers. Vaccines for humans could also be used.

Finlay is also investigating how the epithelial cells found in the lining of the stomach and intestinal tract absorb salmonella bacteria, which work from inside the intestinal cells.

He aims to identify how the bacteria functions within the cells and to develop methods to block the bacteria's entry into the body.

"No one area or researcher can find all the answers," says

Finlay. "The joy of the Biotechnology Lab is that its members can draw on a rich variety of expertise. We're constantly shifting boundaries to create collaborations that stretch across disciplines."

Finlay has also been designated a Medical Research Council Scientist, has twice been named a Howard Hughes Medical Institute International Research Scholar and is a recipient of UBC's Killam Research Prize.

## Lab home to innovation

UBC's Biotechnology Laboratory stretches across traditional boundaries to create an interdisciplinary environment that is yielding improved understanding of human, agricultural plant and forest diseases, better methods of producing therapeutic proteins and designs for biotechnology equipment and systems.

- Established in 1987 by founding director and 1993 Nobel Prize winner Prof. Emeritus Michael Smith, the lab has brought in a total of \$24 million in research funding over the last nine years.
- Prof. Brett Finlay is the second researcher from the lab to win the Steacie Prize in the last two years. In 1997 Prof. Terry Snutch won for his research into the function of calcium channels in the body.
- Finlay and Snutch have also been awarded Howard Hughes Medical Institute International Research Scholarships.

- The 12 faculty members in the Biotechnology Lab have also earned three UBC Killam Research Prizes, two Medical Research Council of Canada Scientist awards and two gold medals from the Science Council of B.C.
- The lab has successfully started three spin-off companies, been granted 13 patents, has nine patents pending and has made 19 invention disclosures.
- More than 100 students and post-doctoral fellows participate in research and other learning activities at the lab.
- Lab members come from five faculties and 10 departments including chemical engineering, forest sciences, neuroscience and zoology.
- Outreach programs include workshops and molecular genetics teaching kits for high schools and hosting trainees in the Employment Skills for Women program sponsored by Canada Employment and Immigration Commission.

## GREEN VISITING PROFESSOR IN RESIDENCE



1999-2000 and Subsequent Years

Nominations are invited for the position of Cecil H. and Ida Green Visiting Professor in Residence. Nominees must be exceptional researchers from outside UBC whose work has the potential for significant impact in more than one discipline. The appointee will live at Green College for three months and conduct a seminar under the auspices of the Individual Interdisciplinary Studies Graduate Program. The first appointment will be made in 1999.

For detailed terms and procedures, contact Rosanne Rumley at Green College, 6201 Cecil Green Park Road, Campus Zone I or [vsp@interchange.ubc.ca](mailto:vsp@interchange.ubc.ca) or fax to 822-8742.

## Wax - it

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## Order

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at UBC and B.C.'s Children's Hospital, she has earned a Senior Killam Prize and the B.C. Science Council Gold Medal Award for research.

A professor emerita in the Anthropology and Sociology Dept., Ames is well known for his teaching and publishing on the topics of anthropology, museums and public culture and for his research in Sri Lanka, India and British Columbia.

In 1974, he began to build on the work of the founding curator and director of the Museum of Anthropology, Audrey and Harry Hawthorn. The museum is celebrating its 50th anniversary this year and Ames is credited with guiding its development into one of the world's most prominent research and educational museums.

Verna Kirkness, an associate professor emerita in Education, became head of UBC's Native Indian Teacher Education Program in 1981 and six years later, director of the First Nations House of Learning.

Her leadership included building the First Nations Longhouse. She received an honorary degree from UBC in 1994.

The Order of Canada was established in 1967 to recognize outstanding achievement and service by Canadians in various fields of human endeavour.

Volunteer Vancouver

## Volunteer Recognition Awards



### Call for nominations

Nominations of one or more individuals, groups or companies are requested in the following four categories:

- The Volunteer Vancouver Award
- The Volunteer Vancouver Award for Initiative
- The Leaders of Tomorrow Award (co-sponsored by UBC/SFU)
- The Community Service Awards
- The Caring Company Award

Information and nomination forms available from Volunteer Vancouver at 301-3102 Main St., 875-9144

Nomination Deadline: Feb. 5

Volunteer Recognition Awards Dinner: April 21

at the Hyatt Regency Hotel

## Myth

Computers save paper.



## Reality

Paper consumption has doubled since the advent of the personal computer!

## UBC Target

20% reduction in per capita paper consumption in 5 years.

## What Can You Do?

- Edit work on the computer.
- Stop printing your e-mails!
- Print drafts on paper already used on one side.



UBC Sustainability Office  
[www.sustain.ubc.ca](http://www.sustain.ubc.ca)



THE UNIVERSITY OF BRITISH COLUMBIA

## 1999 President's Service Award nominations

The committee is seeking nominations of outstanding faculty and staff who have made distinguished contributions to the university.

For a nomination form call 822-2484. Please mail nominations to:

President's Service Award for Excellence Committee, c/o Ceremonies Office, second floor, Ponderosa B, Campus Zone 2.



## UBC REPORTS

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Hilary Thomson photo

## Set Adjustments

UBC Theatre students (l-r) Zain Meghji, Karen Gilodo, Bryan Johnston, Diana Grove and Melanie Walden rehearse a scene from *Over the Moon* written by Meah Martin, a graduate student in Theatre, Film and Creative Writing. The play tells the story of a middle-aged woman who is questioning some long-held assumptions including her relationship to family and church. *Over the Moon* is the first playwright performance staged in the Frederic Wood Theatre. It runs through Jan. 30. For ticket information call (604) 822-2678.



## Bug busters ITServices

# Making IT work from home next year

This is the first in a series of columns produced with the assistance of ITServices to update the campus on exterminating the Y2K bug at UBC.

Steps have been taken to ensure UBC's major computer systems will function come Jan. 1, 2000 but what about that computer you work on at home?

Nadine Hoffman, project leader for the UBC Y2K Awareness program says there are some Y2K issues individuals working from home need to be aware of.

"If the computer is a Macintosh product or is used as a stand-alone machine and you won't be upgrading the software on it you don't need to worry," she says.

If your non-Macintosh machine is connected with the Web or another server at UBC, however, Hoffman says you need to make sure of the following:

1. The computer hardware must be Y2K compliant. There are several ways to check this:
  - Review the ITServices Y2K Web page at <http://www.itservices.ubc.ca/year2000/>. The Hardware Issues page includes links to major hardware vendors offering detailed information on compliance of their models.
  - Download a personal computer (PC) Y2K test from the Hardware Issues page.
  - Test the clock which keeps track of time inside your computer manually. To do so:
    - i) Turn off the PC and disconnect from all networks. Then reboot the PC and go to the system's setup screen.
    - ii) Locate the date and time fields which are usually found under a heading called standard setup.
    - iii) Manually set the time and date to Dec. 31, 1999 at 11:55 p.m. Save the settings, exit the setup screen and the computer will carry out its startup procedure. When it is finished turn the machine off.
    - iv) After five or 10 minutes turn the computer back on and go to the setup screen to check that the clock reads Jan. 1, 2000.
 Use the same procedure with a Feb. 28, 2000 date to make sure the computer recognizes 2000 as a leap year by rolling over to Feb. 29.
2. The computer software must be Y2K compliant.
  - Review the Software Issues page you will find on the ITServices Y2K Web page. The page gives links to common vendors which show which version of their software is compliant and describe any modifications required. In most cases vendors only certify the last version of their products.
  - Check spreadsheets to ensure any date calculations use four digits to represent the year. Also check any databases or custom-designed programs which have been developed for your research or custom-worked.
3. Check data files to ensure that years are shown in the four-digit format.
4. Check that printers and fax machines are compliant by reviewing ITServices Y2K Web page, the vendor's own Web page or by contacting the equipment distributor directly. Monitor vendors' Web sites regularly as new bugs may be found which could change compliance status.

A Y2K preparedness kit will soon be available from UBC's ITServices. For more information contact Nadine Hofmann at ITServices at (604) 822-2143 or e-mail [nadine.hofmann@ubc.ca](mailto:nadine.hofmann@ubc.ca).

# Engineers put bones together in new lab

by Hilary Thomson

Staff writer

Screwdrivers, socket wrenches and cans of 3-in-1 oil litter the counters.

No, this isn't a scene from your local garage. These are some of the tools to be found in the new Orthopedic Engineering Research Laboratory.

"Orthopedic surgery can sometimes be viewed as carpentry for the body," says lab director Thomas Oxland, an associate professor of Orthopedics and Mechanical Engineering. "As orthopedic engineers, our role is to develop the best tools and methods to help the surgeons."

Researchers at the lab aim to devise better treatments for bone and joint problems.

"This lab is a long-standing dream for our department," says Dr. Clive Duncan, head of the Dept. of Orthopedics. "Having a dedicated unit will allow us to fulfill many of our research goals."

A partnership of UBC's faculties of Medicine and Applied Science and the Vancouver Hospital and Health Sciences Centre, the lab covers about 225 square metres in a newly converted site at Vancouver General Hospital.

Large rooms flooded with natural light contain the lab's first equipment purchases. These include equipment to simulate joint movement and the pressures or loads on joints and an opto-electronic camera system to precisely measure joint motion.

On almost every surface of the lab are segments of fractured bone held together with wire, pins or metal implants and skeletal models of feet, hips, shoulders, knees and the spine.

Researchers also experiment with plastics and ceramics to repair damaged joints.

Oxland was instrumental in designing a device called a spinal cage which holds together fractured or degenerated vertebrae.

Made of titanium, the cage ranges in length from 20-30 millimetres and is about the diameter of a ballpoint pen. It can be inserted into the spine without the major surgical invasion of a bone graft from the hip which was the previous remedy.

Researchers are also looking at how to stabilize a fractured bone that already holds an implant.

Screws to hold the fracture would disrupt the implant so researchers experiment with alternative methods while mechanically duplicating the stress the joint.

"This area of re-

search is amazingly interdisciplinary," says Oxland. "To solve orthopedic problems we use the expertise of biomechanical engineers, physicists and doctors."

Engineering students participate in orthopedic grand rounds with physicians to better understand the problems patients and surgeons face.

Among the many devices pioneered by UBC orthopedic researchers are antibiotic-impregnated cement used in hip and knee implants to treat infections. Researchers also developed the first micro-processor-controlled automatic tourniquet system for surgery.

A Canada Foundation for Innovation grant recently funded the purchase of equipment for a study of reconstruction of massive skeletal defects. These range from joint deterioration due to osteoporosis to polyethylene implants worn out over time.

A Natural Science and Engineering Research Council grant funds the lab's study of cervical spine injuries.

**"This area of research is amazingly interdisciplinary."**

— Thomas Oxland

# Fairy tales to fantasy on children's book list

by Hilary Thomson

Staff writer

Cataloguing children's literature is anything but child's play say two faculty members from the School of Library, Archival and Information Studies.

Prof. Emerita Sheila Egoff and Prof. Ronald Hagler recently completed *Books That Shaped Our Minds*, a catalogue of more than 360 of the most significant American and British children's books of the 18th, 19th and early 20th centuries in UBC's Special Collections holdings.

The catalogue describes such first edition of Lewis Carroll's *Alice in Wonderland* and *The Adventures of Robert, Earl of Huntington, vulgarly called Robin Hood*, published in 1767.

It is divided into sections representing the various genres of children's literature such as fairy and folk tales, moral tales and boys' and girls' books.

Egoff has prefaced each section with

an essay describing the development of children's literature in those categories.

"Catalogues are never done and never perfect," says Hagler, who contributed bibliographical descriptions as well as helping to edit, design and produce the catalogue.

The project was started to publicize the Library's extensive holdings of early children's literature.

"We have editions not found anywhere else," says Egoff. "So many early children's books were worn out in use and are now extremely rare."

Most of the books described come from UBC's Arkley Collection

of Early and Historical Children's Literature.

The collection has grown to more than 10,000 books, making it one of the largest collections of children's literature in Canada.

A selection of books from the catalogue is on display in the concourse of the Main Library until February.



Egoff and Hagler



# Calendar

## January 24 through February 6

### Monday, Jan. 25

#### Fish 500 Seminar

Use Of Acoustic Seabed Classification For Seabed Habitat Characterization. Bill Collins, chief scientist, Quester Tangent Corporation. Hut B-8 Ralf Yorke Room at 11:30am. Refreshments at 11am. Call 822-4329.

#### Lectures In Modern Chemistry

Non-Linear Spectroscopy Studies Of Ultrafast Dynamics In Liquids, Solutions, Glasses And Proteins. Prof. Graham R. Fleming, U of California. Chemistry D-225 (centre block) at 11:30am. Call 822-3266.

#### Biochemistry And Molecular Biology Seminar

Five Orders Of Magnitude Affinity Gain In Anti-Trypanosomal Drug Development By Structure-Based Design. Christophe Verlinde. IRC #4 at 3:30pm. Refreshments. Call 822-8022.

#### Mechanical Engineering Seminar

Control Of An Industrial Log-Handling Machine. George Wang, director, Control Systems Research Group, NRC. CEME 1204 from 3:30-4:30pm. Refreshments. Call 822-3770.

#### Astronomy Seminar

Bayesian Analysis Of 20-Year Radio Measurements Of The X-Ray Binary LSI +61 303: Finding Periodic Modulation. Phil Gregory. Hennings 318 at 4pm. Refreshments at 3:30pm. Call 822-2267

#### Member Speaker Series

Learning For Life: African-American Schools In Lexington, Ky., 1910-1950. Jamie Winders, Geography. Green College at 5:30pm. Call 822-1878.

#### Thematic Lecture Series

Implicit Knowledge: Tradition And Its Aftermath. Michael McKeon, English. Rutgers U. Green College Coach House at 7:30pm. Call 822-1878.

#### St. John's College Speaker Series

Southeast False Creek: An Idea Of Sustainability Through Design. Lisa Kwan, Architecture. St. John's College Fireplace Lounge at 8pm. Call 822-8788.

#### Archeological Institute Lecture

The Last Emperor: Tracking The Palaiolgoi Of Byzantium. Hector Williams, Classical, Near Eastern and Religious Studies. Hellenic Community Centre lecture hall at 8pm. Call 822-2889.

### Tuesday, Jan. 26

#### Orthopedics Grand Rounds

TBA. VGH, Eye Care Centre Aud. at 7am. Call 875-4192.

#### UBC Teaching Community Seminar

Time Management. David Lam basement seminar room from 10am-12:30pm. To register call 822-9149.

#### English Lecture

The Secret History Of Domesticity: Public, Private And The Division Of Knowledge In Early Modern England. Michael McKeon, Rutgers U. Buchanan B-212 at 12:30pm. Call 822-4225.

#### Microbiology And Immunology Seminar

Discovery And Characterization Of A Novel Non-Oxidative Decarboxylation System From A

Streptomyete: Potential Applications For Biotransformation. Kevin Chow. Wesbrook 100 from 12:30-1:30pm. Call 822-3308.

#### Botany Seminar

MAPing The O-Zone Response In Plants. Brian Ellis, Plant Science. BioSciences 2000 from 12:30-1:30pm. Call 822-2133.

#### Charles A. McDowell Lecture

The First Steps In Photosynthesis: Femtosecond Spectroscopy Of Light Harvesting. Prof. Graham R. Fleming, Chemistry, U of California. Chemistry B-250 (south wing) at 1pm. Refreshments at 12:40pm. Call 822-3266.

#### Oceanography Seminar

Climate Impacts On Pacific Salmon In The 20th Century: Characteristics And Implications For The 21st Century And Beyond. Nathan Mantua, Atmospheric Sciences, U of Washington. BioSciences 1465 at 3:30pm. Call 822-3278.

#### Statistics Seminar

Bias Robustness For Regression Models. Prof. Jorge Adrover, U of Cordoba. CSCI 301 from 4-5:30pm. Refreshments, bring your own mug. Call 822-0570.

#### Graduate And Faculty Christian Forum

Knowing Oneself. John Friesen, Counselling Psychology. Buchanan B-221 at 4:15pm. Refreshments at 4pm. (note new format/time). Call 822-5176.

#### Green College Speaker Series

The Ombudsman And Fair Administrative Practice: A Unique Form Of Government Ethics Law. Greg Levine, B.C. Office of the Ombudsman. Green College at 5pm. Reception to follow from 6-6:30pm. Call 822-1878.

#### Museum Of Anthropology Lecture

The Art, Customs and Beliefs of the Indigenous People of Siberia. Evdokia Gaer. MOA Theatre Gallery from 7-9pm. Web site: <http://www.moa.ubc.ca> or call 822-5950.

#### Continuing Studies Public Lecture

The VSO Companion. Rodney Sharman; David Phillips. Music 302 from 7:30-9pm. Continues to March 2. Adults \$35; Seniors \$30. To register call 822-1420.

### Wednesday, Jan. 27

#### UBC Teaching Community Seminar

Wellness In The University Workplace. David Lam basement Seminar Room from 9-10:30am. Call 822-9149.

#### School Of Music Concert

Wednesday Noon Hours. Andrew Dawes, violin; Eric Wilson, cello; Henri-Paul Sicsic, piano. Music Recital Hall at 12:30pm. \$3 at the door. Call 822-5574.

#### Asian Studies Speaker Series

Poverty Alleviation And Gender Equity In Vietnam. Julie Trang Nguyen, research administrator, Centre for Southeast Asian Research. Asian Centre 604 from 12:30-2pm. Call 822-3881.

#### Obstetrics And Gynecology Seminar

Intracellular Calcium Signaling In Endocrine Cells. Dr. Alison Buchan, Physiology. B.C.'s Women's Hosp. 2N35 at 2pm. Call 875-3108.

#### Geography Colloquium

Patterns Of Cohabitation In The Multicultural City: The Montreal Case. Francine Dansereau, Geography 201 at 3:30pm. Call Trevor Barnes 822-5804.

#### Nursing Rounds

Making Nursing Visible: Achievements In Nursing Informatics. Heather Clarke, research and policy consultant, Registered Nurses Association Of British Columbia. UBC Hosp., Koerner G-279 from 4-5pm. Call 822-7453.

#### Ecology, Evolution And Biodiversity Seminar

Dynamics Of Local Adaptation. Thomas Lenormand. FNSB 60 at 4:30pm. Call 822-6973.

#### 19th Century Studies

A Genealogy Of French Sexuality. Robert Nye, History, Oregon State U. Green College at 4:30pm. Call 822-1878.

#### St. John's College Speaker Series

Islam And The Muslims: Friends Or Foes. Prof. Emeritus Hanna Kassis. St. John's College 1080 at 5:15pm. Call 822-8788.

#### Engineering/Architecture Continuing Studies Seminar

Legal Issues For The Construction Industry. Various speakers. CEME 1202 from 6:30-9:30pm. Continues to March 10. \$460 includes materials and certificate. To register call 822-3347.

#### Health, Safety And Environment Course

Occupational First Aid Level I. Vancouver Fire Hall #10, 2992 Wesbrook Mall from 8:30am-4:30pm. \$90. To register call 822-2029.

### Thursday, Jan. 28

#### Sing Tao School Of Journalism Informal Talk

Brown Bag Lunch. Royce Frith, former Canadian high commissioner to Great Britain. Sing Tao from 12:30-2pm. Call 822-6688.

#### Earth And Ocean Science Colloquium

Debris Flow Dynamics Research At The USGS: Analysis, Large Scale Plume Model, Field Observations. Richard Iverson, Cascades Volcano Observatory. GeoSciences 330-A at 12:30pm. Call 822-3278.

#### UBC Teaching Community Seminar

Classrooms Without Walls. David Lam basement seminar room from 12:30-2:30pm. Call 822-9149.

#### First Nations Discussion Circle

Readings From His Works. Richard Van Camp, poet, novelist. First Nations Longhouse Sty-Wet-Tan at 2pm. Call 822-1878.

#### Centre For Applied Ethics Colloquium

Deliberative Democracy And Applied Ethics. Daniel Weinstock, U of Montreal. Angus 413 from 4-6pm. Call 822-5139.

#### Computer Science Invited Speaker Seminar

Digital Television (DTV) And High Definition Television (HDTV) Technology. Charles Poynton, consultant. CICS/CS208 from 4-5:30pm. Refreshments. Call 822-0557.

#### Physics And Astronomy Colloquium

Adventures In Flatland. Bob Austin, Princeton U. Hennings 201 at 4pm. Refreshments Hennings 325 at 3:45pm. Call 822-2137; 822-3631.

### Friday, Jan. 29

#### Pediatric Grand Rounds

Maternity Care Improvement Project In The Department Of Family Practice. Dr. Michael C. Klein,

director, Family Health Program. B.C.'s Children's and Women's Hosp. GF Strong Aud. at 9am. Refreshments at 8:30am. Call 875-2307.

#### Fish 500 Seminar

Fuzzy Logic Expert Systems For Consultative And Real-Time Applications. John Meech, Mining and Mineral Process Engineering. Hut B-8 Ralf Yorke Room at 11:30am. Refreshments at 11am. Call 822-4329.

#### Chan Centre Concert

UBC Symphonic Wind Ensemble. Martin Berinbaum, director. Chan Centre Chan Shun Concert Hall at 12:30pm. Call Chan Centre ticket office 822-2697.

#### Electrical And Computer Engineering Seminar

Emotional, Cognitive And Physical Interfaces. Sid Fels. MacLeod 208 from 12:30-1pm. Call 822-2405.

#### Pharmaceutical Sciences Seminar

Role Of Endothelin In Congestive Heart Failure. Dr. Norm L.M. Wong, Medicine. Cunningham 160 from 12:30-1:30pm. Call 822-7795.

#### Occupational Hygiene Program Seminar

Bill 14: Fact And Fiction. John Beckett, manager, Employee Health and Safety, City of Vancouver. UBC Hosp., Koerner G-279 from 12:30-1:30pm. Call 822-9302.

#### Adidas Noon Run

Frostbite Run. SUB North Plaza at 12:40-1:15pm. Web site: <http://intramurals.ubc.ca> or call 822-6000.

#### International Debate Tournament

Pacific Cup International Debate Tournament. Angus 310 from 3-7:30pm. Continues to Jan. 31 from 10am-5pm. Call 827-0111.

#### Mathematics Colloquium

Models For Communicable Diseases With Age-Dependent Mortality. Prof. Fred Brauer, U of Wisconsin. Math 100 at 3:30pm. Refreshments Math Annex 1115 at 3:15pm. Call 822-2666.

#### Chemical Engineering Weekly Seminar

Analysis Of Systems With Recycle. Petar Knezevich. ChemEng 206 at 3:30pm. Call 822-3238.

#### Co-Rec Volleyball Championships

UBC Howl At The Moon. SRC from 7pm -1am. \$60/team. Register to Jan 27. Web site: <http://intramurals.ubc.ca> or call 822-6000.

**Dal Grauer Memorial Lecture**  
Piano Masterclass. Andre Laplante. Music Recital Hall at 7:00pm.

Adults \$5; Senior/Student \$3 at the door. Call 822-5574.

#### Thunderbird Men's Ice Hockey

Vs. University of Regina. Thunderbird Winter Sports Centre at 7:30 pm. Continues to Jan. 30. Adults \$7; Youth/Seniors \$4; UBC Students \$3; Children under 12 free. Web site: <http://www.athletics.ubc.ca> or call 822-2473 (UBC-BIRD).

#### International House Dance

International House from 8pm-1am. Admission: \$3. Web Site: <http://www.international.ubc.ca> or call 822-5021.

### Saturday, Jan. 30

#### UBC Winter Indoor Tennis Championships

Coast Club from 8:30am-10:30pm. Continues to Feb. 2 from 4:30-10:30pm. \$20/ea. \$10/ea dbls. Web site: <http://intramurals.ubc.ca> or call 822-6000.

#### Chalmers Institute Program

Children And Spirituality. Anne Searcy, co-ordinator. VST from 10am-4pm. To register call 822-9815.

#### Dal Grauer Memorial Lecture

Piano Masterclass. Andre Laplante. Music Recital Hall at 2:00pm. Adult \$5; Senior/Student \$3 at the door. Call 822-5574.

#### Mining And Mineral Process Engineering Dinner

UBC Mining Annual Alumni Dinner. University Golf Course at 6pm. Call 822-2540.

#### UBC Symphonic Wind Ensemble Concert

Martin Berinbaum, director. Chan Centre Chan Shun Concert Hall at 8pm. Call Chan Centre ticket office at 822-2697.

#### Vancouver Institute Lecture

The Network Age, The Network Economy And The Network Society. William Raduchel, chief strategy officer, Sun Microsystems Ltd. IRC #2 at 8:15pm. Call 822-3131.

### Sunday, Jan. 31

#### Chalmers Institute Program

Elderhostel Program: Judaism, Messiahs and Synagogues. Rabbi Robert Daum. VST from 8:30am to 3pm. Continues to Feb. 5. To register call 822-9815.

#### Chan Centre Concert

Andre Laplante, piano. Chan Centre Chan Shun Concert Hall at 3pm. Call Ticketmaster 280-3311 or for more info 822-2697.

## UBC REPORTS

### 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 B.C., V6T 1Z1. Phone: UBC-INFO (822-4636). Fax: 822-2684. An electronic form is available at <http://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 Feb. 4 issue of UBC Reports — which covers the period Feb. 7 to Feb. 20 — is noon, Jan. 26.

# Calendar

## January 24 through February 6

### Monday, Feb. 1

**Wellness Images 2000 Fair**  
IRC foyer from 10am-4pm. Workshop: IRC to Feb. 5 at 12:30pm. Continues to Feb. 5. Call 822-4858.

#### English Lecture

Picture And Witness At The Site Of The Wilderness. Jonathan Bordo. Trent U. Buchanan B-323 at 12:30pm. Call 822-4225.

#### Mechanical Engineering Seminar

Modelling Aircraft Manoeuvrability In The Vertical Plane. Mizanur Rahman, technical consultant, Peerless Aviations Services Ltd. CEME 1204 from 3:30-4:30pm. Refreshments. Call 822-3770.

#### Astronomy Seminar

Microwave Emission From Interstellar Dust. Alex Lazarian, Canadian Institute for Theoretical Astrophysics. Hennings 318 at 4pm. Refreshments at 3:30pm. Call 822-2267.

### Tuesday, Feb. 2

#### UBC Teaching Community Seminar

Adding Images And Graphics To Your Word Documents. David Lam basement seminar room from 9am-4:30pm. To register call 822-9149.

#### Faculty Women's Club Lecture

Issues Of Sexual Harassment: Shades Of Grey. Margaret Sarkissian, senior equity adviser, Equity Office. Cecil Green Park House main floor at 10am. Refreshments. Call 822-0434.

#### Continuing Studies Public Lecture

Magic, Mysteries And The Apocryphal Gospel. Dietmar Neufeld. Classical, Near Eastern And Religious Studies. Vancouver Public Library (downtown) Peter Kaye Room from 10-11:30am. Continues to Feb. 23. Adults \$45; Seniors \$35. To register call 822-1420.

#### Botanical Garden Lecture

Pruning Techniques And Tools. David Tarrant. Vancouver Public Library (downtown) from 12noon-1pm. \$5 at the door. To register call 822-3928.

#### Botany Seminar

Forestry Practices And Ectomycorrhizal Diversity. Melanie Jones, Okanagan College. BioSciences 2000 from 12:30-1:30pm. Call 822-2133.

#### Microbiology And Immunology Seminar

Host-Pathogen Interaction In Respiratory Tract Infections. Ananda Chakrabarty, U of Illinois. Wesbrook 100 from 12:30-1:30pm. Call 822-3308.

#### Merck Frosst Lecture

Hydrophobicity At Small And Large Length Scales: Two Faces Of Water. Prof. David Chandler. Chemistry, U of California. Chemistry B-250 (south wing) at 1pm. Refreshments at 12:40pm. Call 822-3266.

#### Continuing Studies Public Lecture

Medieval Women: Their Musical Lives. Pat Unruh, musician. Vancouver Public Library (downtown) Peter Kaye Room from 2-3:30pm. Continues to Feb. 23. Adults \$45; Seniors \$35. To register call 822-1420.

#### Statistics Seminar

Stochastic Planning Using Decision Diagrams. Robert St. Aubin. Computer Science. CSCI 301 from 4-5:30pm. Refreshments, bring your own mug. Call 822-0570.

#### Green College Speaker Series

An Archaeology Of Mathematical Concepts: Sifting Indigenous Languages For Mathematical Meanings. Bill Barton, Math, U of Auckland. Green College at 5pm. Reception Coach House from 6-6:30pm. Call 822-1878.

#### Education Lecture: Technology

Technology In Education: What Is It Good For? John Willinsky, Pacific Press Professor of Literacy and Technology, Language Education. Pacific Space Centre Aud. from 7-10pm. Reception to follow. Call 822-5512.

#### Continuing Studies Writing Workshop

The Well-Done Whodunnit And Chilly Thrillers. Laurence Gough, author. Carr Hall 115 from 7:30-9pm. Continues for March 9. \$170. To register call 822-1420.

### Wednesday, Feb. 3

#### Orthopedics Grand Rounds

No Grand Rounds.

#### Continuing Studies Public Lecture

Spanish And Portuguese Explorations Of The New World: The Age Of Expansion. Robyn Woodward. Vancouver Public Library (downtown) Peter Kaye Room from 10-11:30am. Continues to Feb. 17. Adults \$35; Seniors \$30. To register call 822-1420.

#### Lectures In Modern Chemistry

Finding Transition Pathways In Complex Systems: Throwing Ropes Over Rough Mountain Passes. In The Dark. Prof. David Chandler, U of California. Chemistry D-225 (centre block) at 11:30am. Call 822-3266.

#### Your UBC Forum

Academic Plan. Prof. Michael Goldberg, moderator. SUB Conversation Pit from 12:30 to 1:30pm. Call 822-4636.

#### School Of Music Concert

Wednesday Noon Hours. Eugene Skovorodnikov, piano. Music Recital Hall at 12:30pm. \$3 at the door. Call 822-5574.

#### Faculty Financial Planning Lecture Series

You And Your UBC Pension Fund. Stan Hamilton; Rob Heinkel. Faculty Pension Plan. Angus 110 from 12:30-1:20pm. Call 822-1433.

#### UBC Teaching Community Seminar

Discrimination And Harassment Awareness. David Lam basement Seminar Room from 1:30-4:30pm. To register call 822-9149.

#### Obstetrics And Gynecology Seminar

Functional Receptors Of Human Sperm. Dr. Gregory Lee. B.C.'s Women's Hosp. 2N35 at 2pm. Call 875-3108.

#### Geography Colloquium

Patterns Of Green: Contrasting Studies Of Environmental Activism In Some Fraser Valley Communities. Brian Elliott. Geography 201 at 3:30pm. Call Trevor Barnes 822-5804.

#### Ecology, Evolution And Biodiversity Seminar

Reinforcement Of Mating Preferences During Speciation. Prof.

Mark Kirkpatrick, U of Texas. FNSB 60 at 4:30pm. Call 822-6973.

#### Individual Interdisciplinary Studies Graduate Program

There Be Method In Her Metaphors: Examining The Ethics In Ethics Metaphors. Susan Sherwin. Philosophy, Dalhousie U. Green College at 5pm. Call 822-1878.

#### St. John's College Speaker Series

In The Days Of The One-Legged Cow: Indian Reflections And The Darkening Age. Prof. Ken Bryant. Asian Studies. St. John's College 1080 at 5:15pm. Call 822-8788.

#### Continuing Studies Public Lecture

Pages Of Beauty: Persian Art And Architecture. Prof. Emeritus Hanna Kassis. Lasserre 107 from 7:30-9pm. Continues to Feb. 24. Adults \$45; Seniors \$35. To register call 822-1420.

### Thursday, Feb. 4

#### Health, Safety And Environment Course

Occupational First Aid Level 1. Vancouver Fire Hall #10, 2992 Wesbrook Mall from 8:30am-4:30pm. \$90. To register call 822-2029.

#### Engineering/Architecture Continuing Studies Seminar

ISO 9000 Series - Implementation And Auditing. Josef Otto. Point Grey Golf and Country Club from 9am-5pm. Continues Feb. 5, March 9 to 12. Single module \$450; Six modules \$1,580. To register call 822-3347.

#### Continuing Studies Public Lecture

Art In The Age Of Enlightenment. Justin Newell. Vancouver Public Library (downtown) Peter Kaye Room from 10-11:30am. Continues to March 11. Adults \$65; Seniors \$55. To register call 822-1420.

#### Earth And Ocean Sciences Colloquium

Linear Flow Systems: A Case Study. Diana Allen, SFU. GeoSciences 330-A at 12:30pm. Call 822-3278.

#### History And Jewish Studies Lecture

The Trial Of The Nazi Doctors (Nuremberg 1946-47). Prof. Michael Marrus, U of Toronto. Buchanan D-238 at 12:30pm. Call 822-2889.

#### Computer Science Invited Speaker Series

Alpha Shapes In The Past, Present And Future. Herbert Edelsbrunner. U of Illinois. CICS/CS 208 from 4-5:30pm. Refreshments. Call 822-0557.

#### Physics And Astronomy Seminar

Conductance Of Molecular Junctions. Mark Reed, Yale U. Hennings 201 at 4pm. Refreshments Hennings 325 at 3:45pm. Call 822-2137; 822-3631.

#### Policy Issues In Post-Secondary Education In B.C.

A View From The Ministry. Robin Ciceri, assistant deputy minister, Ministry of Advanced Education, Training and Technology. Green College at 4:30pm. Call 822-1878.

#### St. John's College Speaker Series

Biochemical Cycles In A Changing Globe. Prof. Inez Fung, U of California. St. John's College 1080 at 5:15pm. Call 822-8788.

#### Health And Medicine Lecture Series

TBA. Robert K. Rae. Green College at 8pm. Call 822-1878.

### Friday, Feb. 5

#### Pediatric Grand Rounds

Eating Disorders In Children And Adolescents - An Overview With A Plan For Treatment In The Local Community. Dr. Geoffrey Ainsworth. B.C.'s Children's Hosp. GF Strong Aud. at 9am. Call 875-2307.

#### Fish 500 Seminar

Community And Fisheries Sustainability: Linking Ecosystem Health To Socio-Economic Well-Being Of Fishing-Dependent Communities. Eric Tamm, Coastal Community Network. Hut B-8, Ralf Yorke Room at 11:30am. Refreshments at 11am. Call 822-4329.

#### Occupational Hygiene Program Seminar

In Vivo Mutagenicity (Genotoxicity) Studies Using A Transgenic Rodent Assay. Greg Stuart. UBC Hosp., Koerner G-279 from 12:30-1:30pm. Call 822-9302.

#### Asian Studies Speaker Series

Transformation On The Pearl River Delta Region Of South China: Twenty Years Into Reform. Graham Johnson, Anthropology and Sociology. Asian Centre 604 from 12:30-1:30pm. Call 822-3881.

#### Raindrop Hash House Harrier Run

Pacific Spirit Park from 12:40pm - 2:15pm. \$5. Register to Feb. 4. Web site: <http://intramurals.ubc.ca> or call 822-6000.

#### Mathematics Colloquium

Mahler's Measure And The Volume Of Hyperbolic Manifolds. Prof. David Boyd. Math 100 at 3:30pm. Refreshments Math Annex 1115 at 3:15pm. Call 822-2666

#### Chemical Engineering Weekly Seminar

Surfactant Modified Electroreduction Of Oxygen To Hydrogen Peroxide In Alkaline And Acidic Electrolytes. Elod Gyenge. ChemEng 206 at 3:30pm. Call 822-3238.

#### UBC Swim Meet

Vs. Calgary. Aquatic Centre at 4pm. To register call 822-9623 or for more info 822-2473 (UBC-BIRD).

#### UBC Rainfest

Inner Tube Water Polo, Kayak/Inflatable Tube. Water Volleyball. Boat Jousting. Aquatic Centre from 6-11pm. \$100/team. Register to Feb. 3. Web site: <http://intramurals.ubc.ca> or call 822-6000.

#### Thunderbird Women's Basketball

Vs. University of Alberta. War Memorial Gym at 6:15pm. Continues to Feb. 6. Adults \$7; Youth/Seniors \$4; UBC Students \$3; Children under 12 free. Website: <http://www.athletics.ubc.ca> or call 822-2473 (UBC-BIRD).

#### Thunderbird Men's Basketball

Vs University of Alberta. War Memorial Gym at 7:45pm. Continues to Feb. 6. Adults \$7; Youth/Seniors \$4; UBC Students \$3; Children under 12 free. Website: <http://www.athletics.ubc.ca> or call 822-2473 (UBC-BIRD).

### Saturday, Feb. 6

#### Training For The Triathlon Clinic

SUB from 10am-12noon. Web site: <http://intramurals.ubc.ca> or call 822-6000.

#### Program In Intercultural Studies In Asia Music

Festival Of Classical Indian Dancing. Music Recital Hall at 7pm. Call 822-2629.

#### Vancouver Institute Lecture

Human Rights And Women: A Generational Snapshot. Justice Rosalie Abella, Ontario Court of Appeal. IRC #2 at 8:15pm. Call 822-3131.

#### B.C. Seniors Championship Swim Meet

Aquatic Centre from 9am: finals at 5:30pm. Continues to Feb. 7: finals at 5pm. To register call 822-9623.

## Notices

#### Call For Submissions

*Fugue*, UBC's annual literary non-fiction anthology, needs original works of biography, autobiography, personal essay, memoir, rhetoric, research-based essay (excluding academic essays), non-fiction film and radio feature scripts, experimental pieces, etc. Max. about 4000 words. Feb. 15 deadline. Related visual art submissions also welcome. Send submissions to Creative Writing, Buchanan E-462, Attention: Jeremiah Aherne; e-mail: [fugue@hotmail.com](mailto:fugue@hotmail.com); or call 822-2154.

#### Thinking About Graduate School?

The Faculty of Graduate Studies is interested in learning about the decision making process you will go through to choose a graduate school. If you are presently "shopping" for a graduate school (for either a master's or PhD), we want to hear from you! If you would be interested in participating in a survey please contact [denisels@mercury.ubc.ca](mailto:denisels@mercury.ubc.ca).

#### Research Study

I am a grad student looking for families with an autistic child(ren) to answer a questionnaire regarding the effects of raising autistic children. The child must be seven years old or younger. Please call Keri Smalley 738-8025.

#### TRIUMF Public Tours

An 80 min. tour takes place every Wednesday and Friday at 1pm. Free parking. Continues to April 30. To arrange for a group tour call 222-7355 or Web site: <http://www.triumf.ca/>.

#### UBC Zen Society

Each Monday during term (except holidays) meditation session. Asian Centre Tea Gallery from 1:30-2:20pm. All welcome. Call 822-2573.

#### 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 to participate in language development studies. If you are interested in bringing your baby for a one-hour visit, please call Dr. Janet Werker's Infant Studies Centre, Psychology, 822-6408 (ask for Kate).

#### Studies in Hearing and Communication

Senior (65 years or older) volunteers needed. If your first language is English and your hearing is relatively good, we need your participation in studies examining hearing and communication abilities. All studies take place at UBC. Hearing screened. Honorarium paid. Please call The Hearing Lab, 822-9474.

**Next deadline:  
noon, Jan. 26**

## News Digest

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.



THE UNIVERSITY OF BRITISH COLUMBIA

## Your UBC Forum

on the

### Academic Plan

Wednesday, Feb. 3, 1999,

12:30-1:30pm, Conversation Pit,  
Student Union Building

• Prof. Michael Goldberg, chair, Academic Plan Advisory Committee, moderator

For further information, visit the Web site [www.oldadmin.ubc.ca/apac](http://www.oldadmin.ubc.ca/apac) or call UBC-INFO (822-4636).



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## Classified

The classified advertising rate is \$16.50 for 35 words or less. Each additional word is 50 cents. Rate includes GST. Ads must be submitted in writing 10 days before publication date to the UBC Public Affairs Office, 310 - 6251 Cecil Green Park Road, Vancouver B.C., V6T 1Z1, accompanied by payment in cash, cheque (made out to UBC Reports) or journal voucher. Advertising enquiries: UBC-INFO (822-4636).

The deadline for the Feb. 18 issue of UBC Reports is noon, Jan. 26.

### Accommodation

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

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**ALMA BEACH B & B** Beautiful, immaculate, bright rooms with ensuite in elegant, spacious home. Two blocks to Jericho Beach/Vancouver Yacht Club. Gourmet breakfast. Central location to downtown/UBC. N/S. Call 221-0551.

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**3230 MCKENZIE** 2 BR up, 1 BR down. 3 bath. Garage. D/W, W/D, N/S, N/P. Avail Feb. 1. \$2100. Ref. Call 943-6099.

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**FORRENT** Spacious furnished 1 BR basement suite. Quiet, large cozy knotty cedar L/R. Private entrance, shared laundry and garden, South Granville location. Near bus to UBC or parking avail. \$700/mo. inc. util. and cable. N/S, N/P please. Call or leave msg. 261-7153.

**HOUSE EXCHANGE - DEVON** We committed, now our plans have changed. Vicarage in Devon avail. for May, Jun. and Jul. '99. Need 3 or 4 BR house in Vancouver as exchange or house-sitting. Call 985-5947.

**POINT GREY** House for rent two blocks to UBC gates. 3 BR and study, 2 bath. Avail. Mar. 15-Apr. 30. \$1600/mo. Call 224-5494.

**Next deadline:**  
noon, Jan. 26

### Services

**UBC FACULTY MEMBERS** who are looking to optimize their RRSP, faculty pension and retirement options call Don Proteau, RFP or Doug Hodgins, RFP of the HLP Financial Group for a complimentary consultation. Investments available on a no-load basis. Call for our free newsletter. Serving faculty members since 1982. Call 687-7526. E-mail: [dproteau@hlp.fpc.ca](mailto:dproteau@hlp.fpc.ca) [dhodgins@hlp.fpc.ca](mailto:dhodgins@hlp.fpc.ca).

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### For Sale

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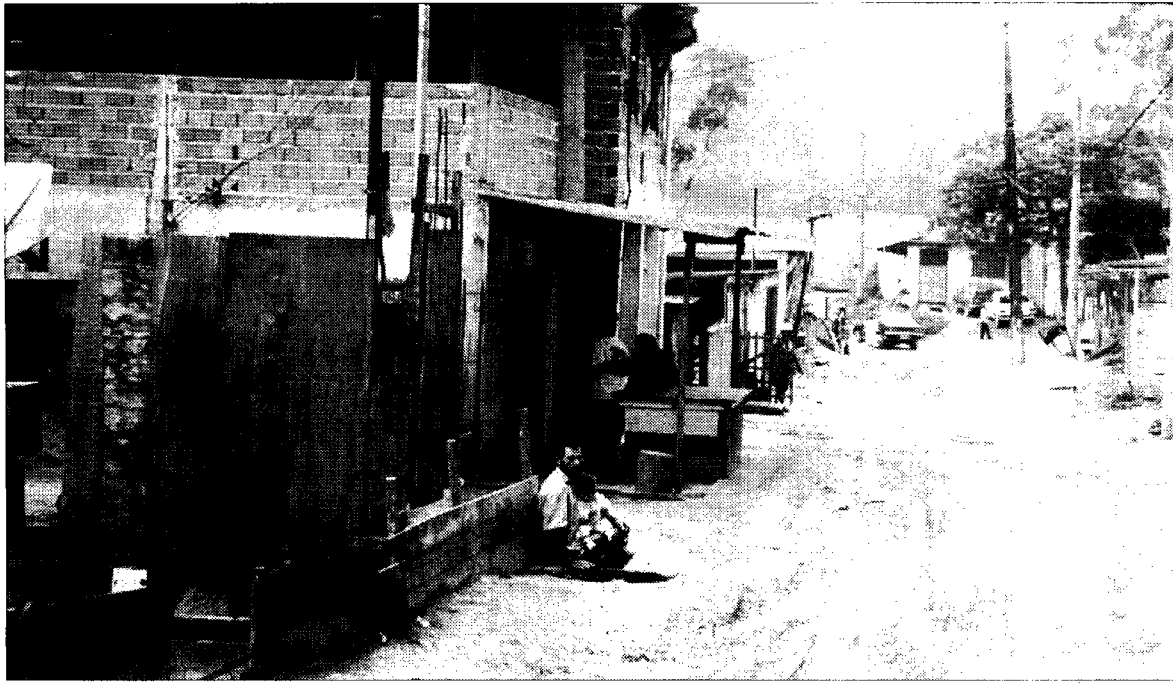
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Erika de Castro photo

**Finding a balance between the growing number of squatters who call Santo André, Brazil home and the surrounding watersheds is the challenge UBC planning experts and international colleagues face in a \$1.2-million three-year project recently funded by the Canadian International Development Agency.**

## Experts work to help sustain water, life in Brazilian city

by Susan Stern

Staff writer

UBC's Centre for Human Settlements is leading a major international collaborative project to develop a community-based watershed management system in Santo André, one of 39 municipalities in São Paulo, Brazil — the largest metropolitan area in South America.

Although Santo André is highly industrialized, 60 per cent of the municipality is located in watershed areas that supply about 10 per cent of the drinking water to the 20 million people in metropolitan São Paulo.

Although the area is officially protected from settlement, poor Brazilians live in the area unofficially and have inadequate water supply, sewage control, garbage collection and social services.

"The plan is to integrate in-

formal settlement areas into the serviced urban system and at the same time protect the water sources," says Peter Boothroyd, chair of UBC's Centre for Human Settlements.

Boothroyd says the Santo André municipal council is committed to dealing with the problems in a way that supports sustainable development and public participation.

The Canadian International Development Agency (CIDA) has provided \$1.2 million for the three-year project, which also involves other Canadian and Brazilian partners.

On Jan. 25, a dozen Brazilian regional and municipal planners and specialists arrive at UBC for the program's first two-week training session.

Experts from UBC's School of Community and Regional Planning, Institute for Resources and

Environment and the Women's Studies Program will participate.

Vancouver City Hall and Greater Vancouver Regional District planners as well as staff from the Institute for Dispute Resolution at the University of Victoria will also take part.

A key member of the Santo André project is Prof. Hans Schreier from the Institute for Resources and Environment. He has developed a CD-ROM that Boothroyd describes as a "highly successful teaching and planning tool" that has already proven a great hit with officials in Brazil.

Schreier's CD-ROM shows key resource conditions and assists in identifying watershed issues and problems that affect water management.

"People can see probable scenarios, and they can see the possible consequences of their actions at the community level and decisions made at an institutional level," says Schreier.

Working with Santo André professionals, the UBC team will develop a CD-ROM for water management in metropolitan São Paulo. This tool will bring together existing data on natural resources and human settlements. It will also help project members assess options.

Boothroyd and Schreier are joined on the UBC team by Erika De Castro, the project coordinator, Community and Regional Planning Assoc. Prof. Penny Gurstein and Asst. Prof. Michael Leaf. Prof. Aprodicio Laquian and research associate Basil van Horen of the Centre for Human Settlements as well as Institute for Resources and Environment research associate Sandra Brown.

Workshops held in Santo André for community and regional authorities will be followed by a six-month training program in Brazil and at UBC for Brazilian university professors of planning and housing, municipal officials, community leaders and representatives from non-governmental organizations.

Pilot projects will follow from which plans to upgrade the area's sewage, water quality control, environmental education and community services will be developed.

## People

by staff writers



Horn

**Jim Horn** has been appointed associate vice-president, Human Resources for a one-year term effective Feb. 1.

Horn comes from the University of New Brunswick where he has been a director of human resources and organizational development since 1980.

"He places a high value on opportunities for personal growth for all employees," says Terry Sumner, vice-president, Administration and Finance. "He is a strong advocate of the concept of the learning organization."

A past president of the Academy for Academic Personnel Administration, Horn has more than 25 years' experience in the fields of personnel and industrial relations.

He replaces Frank Eastham who died in November.

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**Microbiology Prof. Julia Levy** has been named Canadian Woman

Entrepreneur of the Year in an annual competition co-ordinated by the Joseph L. Rotman School of Management at the University of Toronto.

Levy, who founded UBC spin-off company QLT

PhotoTherapeutics Inc. in 1983, was recognized in the International Competitiveness category for her research, development and commercialization of light-activated drugs to treat cancer, psoriasis and age-related vision loss.

Last year the publicly traded company generated more than \$10 million in revenues.

A national selection committee of entrepreneurs named six winners across Canada.

Levy received her undergraduate degree from UBC.



Levy

.....

**UBC student debaters Aly Kanji**, a first-year law student and **Sheldon Franken**, a first-year master's student in Counselling Psychology, defeated a team from the University of Alberta to win the 62nd annual Honourable John Huggill Cup at the University of Alberta recently.

The competition pits debaters from universities across Western Canada against one another.

Kanji and Franken successfully argued that the British Columbia government's lawsuit against tobacco companies should be abandoned.

This is the second time in three years that UBC has won the Huggill Cup. In all, eight UBC students competed against 40 debaters.

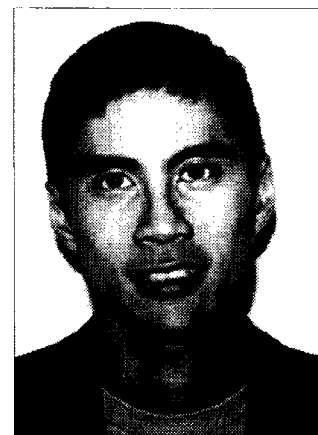
.....

**Richard Spencer** has been re-appointed registrar and director of Student Services for a two-year term effective Jan. 1.

In re-appointing Spencer, the committee cited him for his leadership in championing a student-centred approach on campus.

Spencer has served as registrar since 1988. Previous to his appointment as registrar, he was an associate professor in the Faculty of Applied Science.

.....



of Advanced Education, Training and Technology on behalf of staff at B.C.'s four universities.

**Ben Pong** has been elected staff representative to UBC's 15-member Board of Governors for a three-year term.

A computer specialist at the UBC Bookstore, Pong is secretary-treasurer of CUPE Local 116. He has served as a shop steward for eight years and as a union executive member for six years.

He is also a member of the Coalition of University Unionized Employees, a group that communicates various issues to the Ministry



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- Door Prizes
- Free Admission
- Refreshments

To Register: [www.purchasing.ubc.ca/tradeshows/content.htm](http://www.purchasing.ubc.ca/tradeshows/content.htm)

A petition to the Canadian Government to remove the "supremacy of God" phrase from the preamble to the Charter of Rights and Freedoms, and to constitutionally ensure freedom from religion as well as freedom of religion for all Canadians is in circulation.

For a copy, contact:  
Fax: (250) 578-0452  
e-mail: [wayman@junction.net](mailto:wayman@junction.net)

# UBC Reports Readership Survey

**Please** take a few minutes to complete this questionnaire. Your opinion is important to ensure that UBC Reports meets your needs. All responses will be kept confidential. Please **return your completed survey to the Public Affairs Office**, 310-6251 Cecil Green Park Rd., Vancouver, B.C. V6T 1Z1 by Feb. 22, 1999. You can also complete the survey electronically at [www.publicaffairs.ubc.ca/reports](http://www.publicaffairs.ubc.ca/reports).

**Early bird draw.** Return your survey with your name and phone number by Feb. 12, 1999 to be entered in a draw for a \$100 gift certificate at the UBC Bookstore. The draw will be held Feb. 15, and the winner announced in the Feb. 18 issue of UBC Reports.

Name (optional) \_\_\_\_\_ Phone number (optional) \_\_\_\_\_

- 1. How often do you read UBC Reports?**  
 Always  
 Most issues  
 Occasionally  
 Never  
 If you answered *never* to the above is there any particular reason? \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
- 2. What was the last issue of UBC Reports that you read?**  
 \_\_\_\_\_
- 3. How often would you like to receive UBC Reports?**  
 Every day  
 Every week  
 Every two weeks  
 Once a month  
 I would rather not receive it
- 4. If you failed to receive your next copy of UBC Reports, would you:**  
 Really miss it  
 Notice its absence  
 Wouldn't notice its absence
- 5. Where do you currently pick up your copy of UBC Reports?**  
 Home mailbox       Trekkers  
 Work mailbox       SUB  
 Departmental office       UBC Libraries  
 Building lobby       Public Library  
 Other: \_\_\_\_\_
- 6. Where would you prefer to pick up your copy of UBC Reports?**  
 Home mailbox       Trekkers  
 Work mailbox       SUB  
 Departmental office       UBC Libraries  
 Building lobby       Public Library  
 Other: \_\_\_\_\_  
 Prefer not to receive it
- 7. How do you rate the appearance of UBC Reports?**  
 Attractive, easy to read  
 Somewhat attractive, relatively easy to read  
 Somewhat unattractive; relatively hard to read  
 Unattractive, hard to read  
 Don't have an opinion  
 Additional comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
- 8. UBC Reports is currently a tabloid newspaper format. Would you like to see it:**  
 Stay the same format  
 In newsletter format  
 In electronic format  
 Don't have an opinion
- 9. The average issue of UBC Reports is eight pages. Would you prefer:**  
 Same number of pages  
 Fewer pages  
 More pages  
 Don't have an opinion
- 10. Do you feel that UBC Reports could use:**  
 More photos  
 Fewer photos  
 Better photos  
 Current use of photos is satisfactory  
 Don't have an opinion
- 11. I find the writing in UBC Reports to be: (check one below)**  
 Clear, easy to understand  
 Somewhat unclear, somewhat difficult to understand  
 Unclear, difficult to understand  
 Don't have an opinion
- 12. In my opinion, UBC Reports seems to be written for:** (check one or more of the following)  
 Faculty  
 Management  
 Staff  
 Students  
 The campus community  
 The community at large  
 Don't have an opinion
- 13. Do you find that most of the news you read in UBC Reports is:**  
 Information you didn't have before  
 Information that you already knew about  
 A mix of the two above
- 14. I would like to see**  
 More coverage of : \_\_\_\_\_  
 Less coverage of : \_\_\_\_\_
- 15. Rate UBC Reports as a credible source of information**  
 (1 = very poor, 3 = satisfactory, 5 = excellent)  
 1    2    3    4    5

- 16. Rate your interest level in the following UBC Reports regular features:** (1 = no interest, 5 = great interest)
- |                                 |   |   |   |   |   |
|---------------------------------|---|---|---|---|---|
| Offbeat .....                   | 1 | 2 | 3 | 4 | 5 |
| News Digest .....               | 1 | 2 | 3 | 4 | 5 |
| Profiles .....                  | 1 | 2 | 3 | 4 | 5 |
| Calendar .....                  | 1 | 2 | 3 | 4 | 5 |
| Forum .....                     | 1 | 2 | 3 | 4 | 5 |
| Features on UBC Faculties ..... | 1 | 2 | 3 | 4 | 5 |
| People items .....              | 1 | 2 | 3 | 4 | 5 |
| Letters to editor .....         | 1 | 2 | 3 | 4 | 5 |
| Advertising .....               | 1 | 2 | 3 | 4 | 5 |
- 17. I am interested in reading about:** (1 = no interest, 5 = great interest)
- |                                       |   |   |   |   |   |
|---------------------------------------|---|---|---|---|---|
| Events .....                          | 1 | 2 | 3 | 4 | 5 |
| Government policies .....             | 1 | 2 | 3 | 4 | 5 |
| Research .....                        | 1 | 2 | 3 | 4 | 5 |
| Community outreach .....              | 1 | 2 | 3 | 4 | 5 |
| Individual faculty members .....      | 1 | 2 | 3 | 4 | 5 |
| Staff .....                           | 1 | 2 | 3 | 4 | 5 |
| Students .....                        | 1 | 2 | 3 | 4 | 5 |
| Volunteers .....                      | 1 | 2 | 3 | 4 | 5 |
| Alumni .....                          | 1 | 2 | 3 | 4 | 5 |
| Campus visitors .....                 | 1 | 2 | 3 | 4 | 5 |
| Award recipients .....                | 1 | 2 | 3 | 4 | 5 |
| Teaching/Learning .....               | 1 | 2 | 3 | 4 | 5 |
| Topical issues .....                  | 1 | 2 | 3 | 4 | 5 |
| Administration .....                  | 1 | 2 | 3 | 4 | 5 |
| Policy .....                          | 1 | 2 | 3 | 4 | 5 |
| Opinion pieces .....                  | 1 | 2 | 3 | 4 | 5 |
| Funding .....                         | 1 | 2 | 3 | 4 | 5 |
| Fundraising .....                     | 1 | 2 | 3 | 4 | 5 |
| UBC departments /faculties .....      | 1 | 2 | 3 | 4 | 5 |
| Health .....                          | 1 | 2 | 3 | 4 | 5 |
| Safety .....                          | 1 | 2 | 3 | 4 | 5 |
| Quality improvement initiatives ..... | 1 | 2 | 3 | 4 | 5 |
- 18. Do you read the advertisements in UBC Reports?**  
 Yes       No
- 19. Have you, or anyone you know, found one of the following through UBC Reports' ads:**  
 Accommodation       House sitter  
 A service provider       Other: \_\_\_\_\_
- 20. How do you currently receive your UBC-related information?** (1 = least preferred, 5 = most preferred)
- |  |   |   |   |   |   |
|--|---|---|---|---|---|
| Direct supervisor .....                    | 1 | 2 | 3 | 4 | 5 |
| Faculty/department newsletter .....        | 1 | 2 | 3 | 4 | 5 |
| UBC Reports .....                          | 1 | 2 | 3 | 4 | 5 |
| Voice mail messages .....                  | 1 | 2 | 3 | 4 | 5 |
| The Internet .....                         | 1 | 2 | 3 | 4 | 5 |
| Memos .....                                | 1 | 2 | 3 | 4 | 5 |
| E-mail .....                               | 1 | 2 | 3 | 4 | 5 |
| <input type="checkbox"/> None of the above |   |   |   |   |   |
| <input type="checkbox"/> Other .....       |   |   |   |   |   |
- 21. How would you prefer to receive your UBC-related information?** (1 = least preferred, 5 = most preferred)
- |  |   |   |   |   |   |
|--|---|---|---|---|---|
| Direct supervisor .....                    | 1 | 2 | 3 | 4 | 5 |
| Faculty/department newsletter .....        | 1 | 2 | 3 | 4 | 5 |
| UBC Reports .....                          | 1 | 2 | 3 | 4 | 5 |
| Voice mail messages .....                  | 1 | 2 | 3 | 4 | 5 |
| The Internet .....                         | 1 | 2 | 3 | 4 | 5 |
| Memos .....                                | 1 | 2 | 3 | 4 | 5 |
| E-mail .....                               | 1 | 2 | 3 | 4 | 5 |
| <input type="checkbox"/> None of the above |   |   |   |   |   |
| <input type="checkbox"/> Other .....       |   |   |   |   |   |
- 22. Do you have access to the World Wide Web?**  
 Yes  
 No
- 23. If yes, do you read UBC Reports on the Web?**  
 Exclusively  
 In addition to paper copy  
 No
- 24. Would you read news briefs from UBC Reports if they were sent to you by e-mail?**  
 Yes  
 No
- 25. What is your association with UBC?** (optional) (check one or more of the following)  
 Faculty       Alumnus/alumna       Other: \_\_\_\_\_  
 Staff       Board member  
 Student       Media  
 Part-time  
 Full time
- 26. How many years have you worked at UBC?** (optional)  
 1-3 years       10-14 years  
 4-5 years       15-24 years  
 6-9 years       25+ years
- 27. Which employee group do you belong to?** (optional)  
 CUPE 116       M&P       BCGEU  
 CUPE 2950       Faculty       Other: \_\_\_\_\_  
 CUPE 2278       Non-union technical and research assistants  
 IUOE 882
- 28. Would you like to add some comments, explaining or clarifying anything you have said in this questionnaire:**  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
- 29. We would like your honest opinion about this survey. Please check at least one of the items below - but more than one if you wish:**  
 This is a sensible, well-designed survey  
 The questions were clear, easy to understand  
 Many of the questions were confusing, ambiguous, etc.  
 You left important things out  
 Additional comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Respond to this survey on the World Wide Web at**  
[www.publicaffairs.ubc.ca/reports](http://www.publicaffairs.ubc.ca/reports)

**Thank you** for taking the time to answer these questions. Your participation is key to gaining a better understanding of the effectiveness of UBC Reports. Please be sure to include your name and phone number to be entered in the early bird draw.