

INSIDE

3 Noble scientist
The university mourns the loss of Michael Smith

8 Fresh faces
It's no secret what attracts new faculty to UBC

ubc reports

THE UNIVERSITY OF BRITISH COLUMBIA



SAY CHEESE Some of the several hundred cows in the university's dairy herd chow down in preparation for a big day—Nov. 1, the official opening of UBC's Dairy Education and Research Centre in Agassiz. The \$2.7-million facility, the largest in Canada and one of the most advanced in the world, is attracting international attention from researchers and students alike. To arrange tours of the facility, call manager Nelson Dinn at (604) 796-8410 or e-mail dinn@uniserve.com. *Bruce Mason photo*

'Students the best part,' say veteran faculty members

'Some of the best people around' — students — keep these longtime faculty going after 25 years

THIS FALL, 46 NEW MEMBERS gain entry into the Quarter Century Club, which honours faculty members for 25 or more years of service at UBC.

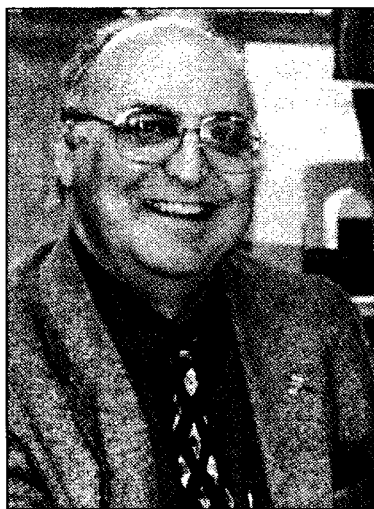
And amid all the changes on campus over the years, the best part of the day for many of the inductees remains the time spent with their students.

"It's really wonderful to work with the very best, not simply the brightest, but some of the best people around in my students," says Law Prof. Robert Reid.

As the Faculty of Law's assistant dean of Admissions and Career Development, Reid gets to do what he loves each and every day—interact with some of the brightest, young legal minds in the country.

In many years of helping UBC Law students get their first jobs in the legal profession, Reid has befriended many.

"I've been to a great many weddings, christenings and social



Law Prof. Robert Reid

events of students who are good, good friends of mine."

The Royal Military College graduate didn't begin his own legal career until he was 30 after stints as a military search-and-rescue officer in Comox and as an official military historian in Ottawa.

Reid says while the law profession has changed over the years, what makes a good lawyer hasn't.

"You have to be bright, not brilliant, with lots of common sense and really care about people."

For Sandra Millen, a senior Zoology instructor, technological chang-



Zoology instructor Sandra Millen

es in the past quarter century have affected the way she teaches.

Millen runs two anatomy labs—invertebrates and vertebrates—in the Dept. of Zoology.

She was among the first on campus to use the Internet as a teaching tool.

"In many ways, we were sort of ahead of the students in using the Internet," says Millen, who taught herself the skills necessary to venture on-line.

Besides new technology, she says the other major change on *see Faculty page 2*

Physicist, forester earn science prize

Former graduate student named 'young innovator'

TWO FACULTY MEMBERS and a former graduate student are among the six winners of this year's Science Council of British Columbia's Science and Technology Awards.

Douglas Bonn, a professor of Physics and Astronomy, is the recipient of the Science Council's New Frontiers in Research Award.

Bonn, who credits his high school physics teacher with inspiring him to pursue a career in scientific research, received the prize for his study of high-temperature superconductors.

Bonn's success in studying how electrons respond to microwave and infrared radiation has earned him recognition as one of the world's top superconductor experimentalists.

In 1999 Bonn earned an NSERC Steacie Fellowship, considered to be one of the most important research prizes in Canada.

Fred Bunnell, a professor in the Faculty of Forestry, is the Science Council's Solutions Through Research Award winner this year.

For more than 30 years, Bunnell

has applied his knowledge of forest practices and his love of nature to solutions that can sustain both.

Bunnell, who joined UBC in 1973, is also the director of the Centre for Applied Conservation Biology and the Forest Renewal B.C. Professor in Applied Conservation Biology.

David Burgoyne, head of research at Inflazyme Pharmaceuticals in Richmond, is the winner of the Young Innovator Award. The award goes to an individual under 40 who has had a major impact on science and technology in the province.

During his PhD studies at UBC in the early 1990s, Burgoyne discovered a steroid with anti-inflammatory properties useful in the treatment of diseases such as asthma. He was 25 years old at the time.

The Science and Technology Awards were established in 1980 by the Science Council of B.C. to recognize outstanding achievements by the province's scientists, engineers, industrial innovators and science communicators.

The award winners will be recognized at the annual Science Council Awards Dinner at the Hotel Vancouver Oct. 23.

Campaign benefits stay close to home

Small beginnings can achieve powerful results, says United Way supporter Rick Hansen

by Bruce Mason staff writer

AS YOU PAUSE TO DECIDE whether or not to support UBC's United Way campaign, organizers ask you to consider that locally 600,000 individuals benefit from donations.

In the Lower Mainland, one in eight people aged 15 to 64 is limited by a long-term physical condition, mental condition or health problems. One in seven families is headed by a single parent. Sixty per cent of female lone parents live in poverty and of the one in eight people aged 65 or older, 30 per cent live alone.



United Way

Rick Hansen—the president of the Rick Hansen Institute at UBC—knows firsthand how to make a difference.

"By working together, from a small beginning, we can achieve powerful results," he says. "During my 1985-87 Man in Motion Tour, as I travelled around the world in a wheelchair, millions of small donations were made which amounted *see United page 2*

Faculty

Continued from page 1

campus over the years has been the increase in class sizes. From teaching 75 students a semester at the start of her career, she now teaches upwards of 250 students per term.

And while the Internet has been a useful on-line resource, Millen says there is still no substitute for "the real thing."

"That's what I love about this job," she says. "The light that goes on when a student discovers something."

Others to be honoured at the fifth annual Quarter Century Club dinner Oct. 26 at the Leon and Thea Koerner University Centre include: **FACULTY OF AGRICULTURAL SCIENCES:** David Shackleton, Agroecology; **FACULTY OF APPLIED SCIENCE:** Joan Anderson, Elaine Carty, Nursing; **FACULTY OF ARTS:** Robert C. Allen, Charles Blackorby, Econom-

ics; John W. Foster, English; Alexander Woodside, History; J. Evan Kreider, Music; Lynn Alden, Boris Gorzalka, Psychology; **FACULTY OF COMMERCE AND BUSINESS ADMINISTRATION:** Peter J. Frost, Peter N. Nemetz, Martin L. Puterman; **HEALTH SCIENCES, OFFICE OF THE COORDINATOR:** Gordon G. Page, Educational Support and Development; **FACULTY OF DENTISTRY:** Gary B. Gibson, Oral Biological and Medical Sciences; Virginia M. Diewert, Oral Health Sciences; **FACULTY OF EDUCATION:** F. Graeme Chalmers, Gaalen L. Erickson, Ian M. Wright, Curriculum Studies; Norman E. Amundson, Sharon Kahn, Perry T. Leslie, Educational and Counseling Psychology and Special Education; Richard E. Mosher, Human Kinetics; Kenneth F. Reeder, Jon E. Shapiro, Language Education; **FACULTY OF FORESTRY:** Frederick L. Bunnell, Forest Sciences; **FACULTY OF LAW:** Robert K. Paterson, Dennis Pavlich; **LIBRARY:** Elsie C. Wollaston;

FACULTY OF MEDICINE: Bernard A. MacLeod, Anesthesia; Patrick P. Dennis, Biochemistry and Molecular Biology; Dean Hideo Uyeno, Health Care and Epidemiology; Constance J. Eaves, Medical Genetics; Michael Schulzer, Medicine; Gordon R. Douglas, Ophthalmology; James E. Dimmick, Pathology; A. George F. Davidson,

Pediatrics; Michael J. A. Walker, Pharmacology and Therapeutics; Peter C. Vaughan, Physiology; Raja T. Abboud, Respiratory Medicine; **FACULTY OF PHARMACEUTICAL SCIENCES:** Sidney Katz; **Faculty of Science:** Terry J. Crawford, Botany; David Dolphin, Chemistry; Robert Israel, Mathematics.

United

Continued from page 1

to an incredible \$24-million legacy."

Since that time, the institute has been formed with a mission to accelerate the cure for spinal cord paralysis. Today, through the generosity of donors, including United Way donations and income from endowments, Hansen's efforts have resulted in awards of \$37.6 million to spinal cord injury research.

"This is a direct result of teamwork," says Hansen. "It was the strength of my world tour and it's the strength of the United Way."

Recently the Rick Hansen Institute partnered with UBC to create more than \$5 million in endowments, the income from which supports research for a cure through the Faculty of Science and Collaboration on Repair Discoveries (CORD). Operating grants and fellowship and student trainee awards have been granted to expand spinal cord injury research directed toward a cure. Neurotrauma research grants have been awarded to the Brain Research Centre and UBC's departments of Health Care and Epidemiology and Orthopedics.

"When a cure for spinal cord injury is found the impact of the original dollars donated to the Man in Motion Tour will have produced a global benefit," says Hansen. "We believe the best is yet

to come and that greatness can be achieved when individuals from across our community come together in a common endeavour such as the United Way."

"From the funding of family and children's services and early prevention of premature labeling and school failure, to fighting poverty, abuse and discrimination, United Way funding makes a profound impact on our community's future, including the university's potential students," says Bill McMichael, chair of UBC's United Way campaign.

Those who wish to direct donations to any of the United Way's agencies and community projects, a registered Canadian charity, or UBC programs such as the Rick Hansen Institute can do so by specifying the beneficiary of their choice on the pledge forms.

For more information on UBC's United Way campaign—including pledge forms—visit www.unitedway.ubc.ca or call (604) 822-8929.

CORRECTION

The cost of a ticket for the United Way raffle is \$5. The amount given in the Oct. 5 issue of *UBC Reports* was incorrect.

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Old age isn't so bad when you consider the alternative. Maurice Chevalier at 72

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DATE: Thursday, Oct. 26

TIME: 12:30-1 p.m.:

Presentation

1-1:30 p.m.:

Question and

Answer period

PLACE: Chan Centre for

the Performing

Arts

You are invited to join UBC President Martha Piper and the Board of Governors at UBC's third campus Annual General Meeting.

Come celebrate the UBC innovators who are contributing to the community at home and abroad, making positive changes on campus and creating new opportunities for students.



Learn more about UBC's innovators on-line
at www.ubc.ca/annualreport

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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 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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GREEN COLLEGE THEMATIC LECTURE SERIES

Green College invites applications from members of the UBC community to hold an interdisciplinary thematic lecture series during the 2001-2002 academic year. The series can be on any interdisciplinary theme, and should consist of eight lectures over the period September 2001 to March 2002. The organizers will edit an anthology to be published in The Green College Thematic Lecture Series. The College will support travel expenses of invited lecturers, and publication. Wherever possible, applicants should seek co-sponsorship of the series with other relevant bodies.

Applications must include the following:

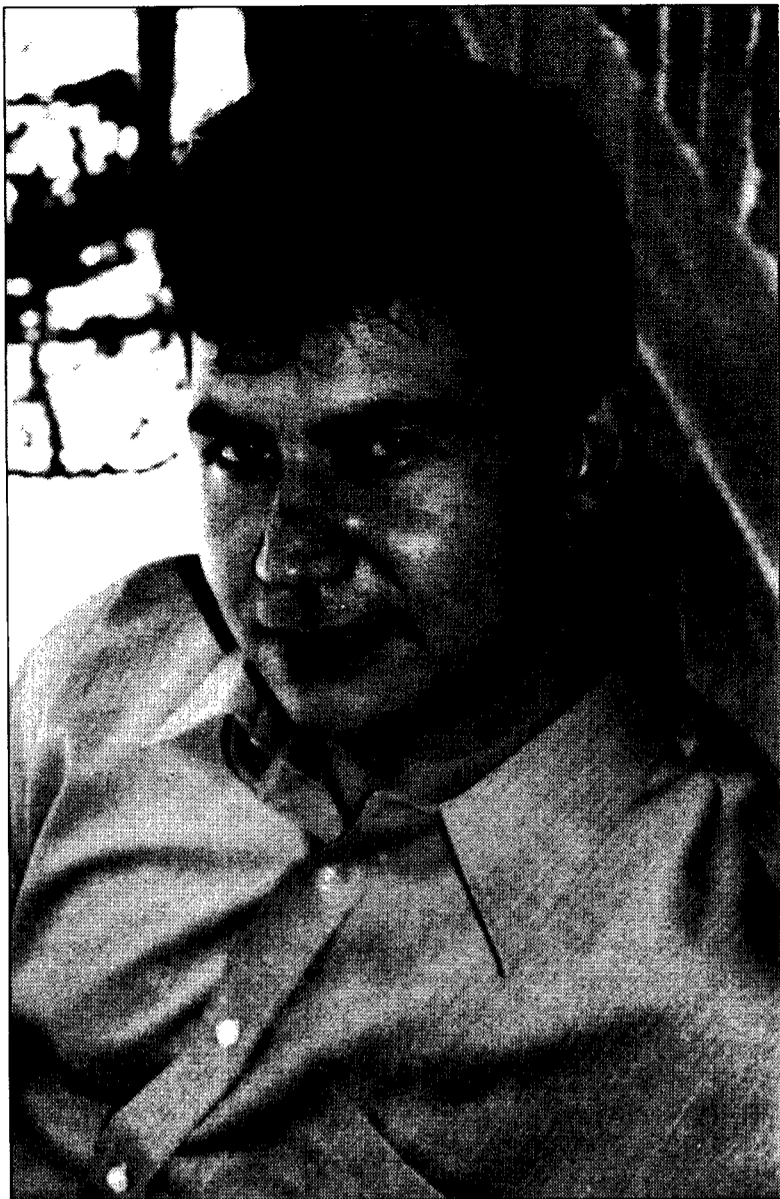
1. Title of the series and a list of proposed speakers and topics.
2. A budget that estimates the total cost of least expensive excursion airfares for all invited speakers. (Speakers will be accommodated at Green College. No honoraria will be offered.)
3. Actual or potential co-sponsors.

One or two lecture series will be funded. Questions about this program should be directed to Carolyn Andersson, Event Coordinator. Email: cmtander@interchange.ubc.ca.

Send completed applications by no later than **Jan. 31, 2001** to:



The Academic Committee, Green College
6201 Cecil Green Park Road
Vancouver, BC, V6T 1Z1



Recent UBC graduate Abbas Khani-Hanjani and members of the Faculty of Medicine have discovered a gene marker that they believe controls the degree of joint inflammation in rheumatoid arthritis. Scientists may be able to turn off production of the gene as a form of treatment for the disease, researchers say. Hilary Thomson photo

Discovery holds promise for sufferers of arthritis

Gene can predict disease's progression and severity

A COLLABORATIVE RESEARCH team that includes a recent UBC graduate and members of the Faculty of Medicine has discovered a gene that predicts the severity of rheumatoid arthritis (RA).

"This research discovery is a very important breakthrough in the understanding of rheumatoid arthritis," says Abbas Khani-Hanjani of the Immunology Laboratory at Vancouver General Hospital (VGH).

He undertook the research as his doctoral thesis in the Experimental Medicine Program at UBC.

"We believe the gene identified operates by controlling the degree of joint inflammation. It is the most powerful indicator currently recognized for predicting the severity of RA," he says.

Dr. Paul Keown, a professor of Nephrology and director of the VGH Immunology Laboratory supervised the research, which started in 1995 and was recently published in the prestigious medical journal, *The Lancet*.

The study analysed blood samples of 137 B.C. patients: 48 with very severe RA unresponsive to all other therapies; 39 with mild

symptoms; and 50 random samples used as a control comparison.

Dr. Diane Lacaille, an assistant professor of Rheumatology and associate professor of Rheumatology Dr. Andrew Chalmers, reviewed the patients to ensure they represented either mild or severe disease.

Khani-Hanjani then analysed the blood's genetic makeup. Research focused on the interferon gamma gene, which is important in helping to control the immune system.

Results showed that differences within the gene—called a gene marker—appear to predict the progression and the severity of RA. The study shows that different forms of the gene are found in people with mild or with severe arthritis.

"This discovery promises a simple genetic test to predict risk of progression and the opportunity to design new drugs to control the ravages of this disease," says Keown.

"It means we can choose treatment according to the risk of each patient and can select appropriate treatment before joint damage has occurred," adds Lacaille.

Researchers believe that RA is a disorder in the body's immune system, causing it to attack the lining of the joints which results in inflammation and joint damage. The damage becomes worse as the immune

attack continues and results in destruction of cartilage, bone, tendons and ligaments that can lead to permanent deformity and disability.

Patients predicted to have mild forms of the disease might be spared the serious side effects of medications for severe RA, says Chalmers. In addition, scientists may be able to turn off production of the gene as a means of treatment.

A chronic disease, RA affects about one per cent of the population. Onset occurs at all ages but most commonly appears between the ages of 25 and 50 and affects women three times more often than men.

Researchers are now planning to study about 600 patients in almost 50 centres across North America to confirm and extend the findings and to use the predictor to determine the most effective forms of therapy in various stages of the disease.

Other researchers involved in the study are clinical professors of Pathology and Laboratory Medicine David Hoar from the VGH Immunology Laboratory and Dr. Doug Horsman from BC Cancer Agency (BCCA); research technician Michelle Anderson of BCCA; and Rob Balshaw, Dept. of Mathematics and Statistics, Simon Fraser University.

The research was funded by the Immunology Laboratory of VGH, The Arthritis Society of Canada, and Novartis Pharmaceuticals, Canada, Inc.

A stellar scientist and friend

University to hold a celebration of Michael Smith's life

NOBEL PRIZE-WINNER and Prof. Emeritus Michael Smith has died of cancer. He was 68 years old.

"We at UBC feel a real sense of personal loss," says Barry McBride, vice-president, Academic and Provost. "We've lost a colleague, a creative and distinguished scientist and a friend—a warm and humble man known for his humanity and generosity. He was a great Canadian and I will miss his friendship, his unwavering commitment to excellence and his personal support."

Smith, who won the Nobel Prize for Chemistry in 1993, was the director of BC Cancer Agency's Genome Sequence Centre in Vancouver.

The prize recognized his groundbreaking work in reprogramming segments of DNA, the building blocks of life.

"Michael's work launched a new era in genetics research—that's his legacy to science," says Indira Samarasekera, UBC's vice-president, Research. "His discovery has paved the way to finding new treatments for life-threatening illness."

Born in Blackpool, England, he received his PhD in 1956 from the University of Manchester and completed his post-doctoral fellowship with the B.C. Doctoral Council in 1960. He joined UBC in 1966.

In 1987, he founded UBC's Bio-

IN MEMORIAM

technology Laboratory which is expanding to include a new building that will bear his name.

He was named a Peter Wall Distinguished Professor of Biotechnology at UBC and many of his students have gained international scientific reputations.

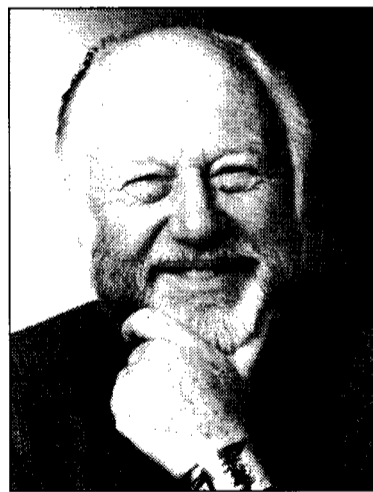
A founding Scientific Leader of the Protein Engineering Network of Centres of Excellence, Smith was named a Career Investigator of the Medical Research Council of Canada in 1966.

He was appointed a director of the Canada Foundation for Innovation in 1997.

Well-known for his commitment to human welfare and science education, Smith donated half of his Nobel Prize to the Schizophrenia Society of Canada and the Canadian Alliance for Research on Schizophrenia.

The other half of his prize established an endowment fund whose income supports the Society for Canadian Women in Science and Technology and a program for elementary school teachers provided by Science World BC.

The Royal Bank Award, which he received in 1999, included a companion grant which he donated to the B.C. Cancer Foundation.



Nobel Prize-winner Michael Smith

In addition, the Michael Smith Awards, sponsored by the Natural Sciences and Engineering Research Council of Canada, honour individuals and organizations who make an outstanding contribution to the promotion of science in Canada.

Smith received numerous awards and distinctions including: Companion of the Order of Canada; Order of British Columbia; University Killam Professor, UBC; Fellow, Royal Society of Canada; Fellow, Royal Society of London; Canadian Medical Association Medal of Honour and Canadian Medical Hall of Fame.

UBC will hold a celebration of the life of Michael Smith Monday, Nov. 6 at 4 p.m. in the Chan Centre for the Performing Arts. All are welcome to attend.

Benefactor committed to educational bridges

Award-winning building bears his name

IN MEMORIAM

CHEUNG-KOK CHOI died recently at age 90.

An industrialist, businessperson and philanthropist in China, Hong Kong and Canada, Choi dedicated himself to building bridges for the international exchange of information and ideas.

The C.K. Choi Building for the Institute of Asian Research at the university was made possible through his vision, dedication and generous support.

The building, which opened in 1996, has won awards as a model for sustainable design and construction. The institute—a cornerstone of UBC's international activities—comprises five research centres which focus on China, Japan, Korea, Southeast Asia, and India and South Asia.

"Although I have not had the benefit of a higher education and do not consider myself an intellectual, I have always had a tremendous desire for the pursuit of



Philanthropist C.K. Choi

knowledge," said Choi.

Three principles guided his life: that the traditional virtues of Confucianism provide a prescription for human behaviour; that educational institutions help to achieve greater academic excellence through the exchange of the cultures of the East and West; and that education plays an important role in increasing knowledge and understanding.

At UBC, he established numerous fellowships and prizes, including the C.K. Choi Fellowship in Business Administration and the C.K. Choi Scholarship in Engineering.

He is survived by his wife, seven children—five of whom who graduated from UBC—and eight grandchildren.

SUNDAY, OCT. 22

School Of Music Concert

High School Honour Bands From Across BC. Grant Okamura, guest conductor. Chan Centre at 1:30pm. Call 822-9197; 822-5574.

Green College Performing Arts Group

Jazz Quartet Featuring Saxophone, Bass, Piano And Drums. The Bruce Nielsen Band. Green College at 8pm. Call 822-1878.

MONDAY, OCT. 23

Health Services And Policy Research Seminar

Income Inequality, Social Capital And Health: The International Evidence. John Lynch, Public Health, U of Michigan. IRC #414 from 10:30-11:30am. Call 822-4969.

Rits Open House

Get To Know Japanese Culture And Students. Rits House from 11am-2pm. Events and food. Call 822-9511.

St. John's College Speaker Series

Ecosystem Engineering: How Terrestrial Biota Cause Environmental Change In Lakes And Oceans. Prof. Warwick F. Vincent. St. John's College 1080 at 5pm. Call 822-8781.

Green College Speaker Series

Myths Of Nations: Myths Of Hungary. Laszlo Kontler, head, History, Central European U. Green College from 5-6pm. Reception at 6:30pm. Call 822-1452; 822-1878.

WEDNESDAY, OCT. 25

United Way International Day BBQ

Support The United Way On International Day. University Services from 11:30am-1pm. Call 822-8929.

Wednesday Noon Hours

Music With A Humorous Twist. David Lemon, narrator; Barrie Barrington; Ellen Silverman, pianist. Music Recital Hall at 12:30pm. \$4 at the door. Call 822-5574.

UBC Annual General Meeting

Innovators Change Everything. UBC President Martha Piper, Board of Governors. Chan Centre from 12:30-1:30pm. Call UBC-INFO (822-4636).

CBC Opera Quiz Taping

Stuart Hamilton. Music Recital Hall at 12:30pm. Call 822-5574.

Institute For European Studies

Environmental Management And Ethnic Conflicts On The New European Border: The Baltic States And Russia. Geoffrey Gooch, Jean Monnet, Linkoeping U. Buchanan Tower Penthouse from 12:30-2:30pm. Lunch at 12:30pm. Call 822-1452.

Centre For Human Settlements/SCARP Seminar

Great Expectations, Mixed Results: Trends In Citizen Involvement In Canada (With A View To Shaping CHS Research). Tony Dorcey and Tim McDaniels. Library Processing Centre, fourth floor from 12:30-1:30pm. Call 822-5254.

er 253 from 9-10am. Paid parking available in Lot B. Call 822-2772.

Applied Ethics Colloquium

CAE Panel Discussion—Ethical And Legal Issues In Tissue Banking. Various speakers. Lasserre 105 from 11:30am-1:30pm. Call 822-8625.

School Of Music Concert

UBC Guitar Ensemble. Music Recital Hall at 12:30pm. Call 822-5574.

Leon And Thea Koerner Lecture

Vernacular Literature And Imperial Ideology In Germany, 1150-1250. Prof. Jeffrey Ashcroft, U of St. Andrews. Buchanan A-100 from 12:30-1:30pm. Call 822-5154; 822-6403.

Occupational And Environmental Hygiene Seminar

Controlling Second-Hand Smoke In The Capital Regional District—Lessons Learned. Dianne Stevenson, public health educator, Capitol Health Region, Tobacco Reduction Program. UBC Hosp., Koerner G-279 from 12:30-1:30pm. Call Kathryn Lewis 822-9861; Dr. Paul Demers at 822-0585.

Physiology Seminar

Effects Of Altered K⁺ Channel Expression On Heart Function. Peter Back, U of Toronto. Copp 2002/2004 at 1:30pm. Call 822-9235.

Mathematics Colloquium

Recent Progress In One-Dimensional And High-Dimensional Statistical Mechanical Models. Remco van der Hofstad, Delft U. Mathematics 100 at 3:30pm. Refreshments, Math Annex 1115 at 3:15pm. Call 822-2666.

Chalmers Institute Seminar

Jubilee: An Eco-Feminist Spirituality. Denise Nadeau, San Francisco Theological Seminary. VST from 7-9:30pm. Continues to Oct. 28 from 9am-5:30pm. \$96; \$86 group; \$48 senior. To register e-mail ci@vst.edu; call 822-9815.

Chan Centre Concert

David Spencer Memorial Concerts. UBC Opera Ensemble; Nancy Hermiton, director. Chan Centre at 8pm. Continues to Oct. 28. Call 822-2697.

Thirtieth Medieval Workshop

The Idea Of The Empire In The Middle Ages: History, Fiction And Representation—Charlemagne's Mistake. Prof. Paul Dutton, SFU. Buchanan Tower Penthouse at 9pm. Call 822-5154; 822-6403.

SATURDAY, OCT. 28

Chan Centre Concert

David Spencer Memorial Concerts. UBC Opera Ensemble; Nancy Hermiton, director. Chan Centre at 8pm. Call 822-2697.

Vancouver Institute Lecture

The Ingenuity Gap: How Can We Solve The Problems Of The Future? Prof. Thomas Homer-Dixon, director, Peace and Conflict Studies, U of Toronto. IRC #2 at 8:15pm. Call 822-3131.

SUNDAY, OCT. 29

Pacific Spirit Concerts

Bach, Vivaldi, Lara. Horacio Franco, recorder; Victor Flores, harpsichord.

Music Recital Hall at 2pm. \$20 adult; \$10 student/senior at the door. Call 822-5574.

Chan Centre Concert

Music At The Chan. The Ahn Trio. Chan Centre at 3pm. Call Ticketmaster 280-3311 or for more information 822-2697.

Green College Performing Arts Group

Falconry Flying Demonstration. Terry Spring; Christian Duhme. Green College at 3pm. Call 822-1878.

MONDAY, OCT. 30

Institute For European Studies

Changing The Stakes: Pornography, Privacy And The Perils Of Democracy. Christie MacDonald, Harvard U. Buchanan Tower Penthouse from 12noon-2pm. Light lunch. Call 822-1452.

Astronomy Seminar

The Formation Of The Outer Solar System. Brett Gladman, Observatoire de la Cote d'Azur. Hennings 318 at 4pm. Refreshments at 3:45pm. Call 822-2267.

Applied Ethics Colloquium

Cognitive-Evolutionary And Game-Theoretic Foundations For The Behavioural Sciences Or Why Economics Is Useful And Sociology Isn't. Don Ross, Philosophy, U of Cape Town. Angus 415 from 4-6pm. Call 822-8625.

Thematic Lecture Series

Social Effects Of Interaction With The World Economy. Shen Guoming, vice-president, Shanghai Academy of Social Sciences. Green College at 5pm. Call 822-1878.

Member Speaker Series

Pirates, Policemen And Other Patriots: English National Identity And The Comic Operas Of Gilbert And Sullivan. Melanie Thompson, History. Green College at 7:30pm. Call 822-1878.

TUESDAY, OCT. 31

Cecil And Ida Green Visiting Professorships

The Culture Wars And American Identity Since The Cold War. Prof. Todd Gitlin, New York U. Buchanan A-104 at 12:30pm. Call 822-5675.

Lectures In Modern Chemistry

The Discovery, Design And Application Of New Synthetic Organic Reactions And Strategies. Prof. Robert Batey, U of Toronto. Chemistry B-250 at 1pm. Refreshments at 12:30pm. Call 822-2996.

Physiology Seminar

G Protein-Coupled Receptor Signaling Complexes: A Mechanism For Specificity? Terence Hebert, Institut de Cardiologie de Montreal. Copp 2002/2004 at 1:30pm. Call 822-9235.

Graduate And Faculty Christian Forum

Understanding The Truth: Does It Matter? Prof. Paul Chamberlain, Philosophy, Trinity Western U. Buchanan B Penthouse at 4:15pm. Refreshments at 4pm. Call 822-3219.

calendar

OCTOBER 22 THROUGH NOVEMBER 4

Institute Of Asian Research Seminar

The Politics Of Organized Crime In Greater South China. Lo Shiu Hing, Politics and Administration, U of Hong Kong. CK Choi 120 from 12noon-1:30pm. Call 822-4688.

Astronomy Seminar

New Light On Dark Stars. Suzanne Hawley, U of Washington. Hennings 318 at 4pm. Refreshments at 3:45pm. Call 822-2267.

Thematic Lecture Series

Multiple Lenses, Multiple Images: Growing Up Sold—The Impact Of Commercialization And Globalization On Youth. Naomi Klein, *The Globe and Mail*. Green College at 5pm. Call 822-1878.

Member Speaker Series

Non-Aristotelian Thinking. Randal Clark, Mechanical Engineering. Green College at 7:30pm. Call 822-1878.

TUESDAY, OCT. 24

Centre For Chinese Research Seminar

Yang-Ming Hsueh Yu Fo Chiao—The Thought Of Wang Yang-Ming And Buddhism (In Chinese). Prof. Ku Ching-Mei, National Taiwan U. CK Choi 120 from 12:30-2pm. Call 822-4688.

Botany Seminar

TBA. Vince Franceschi, Washington State U. BioSciences 2000 from 12:30-2pm. Call 822-2133.

Lectures In Modern Chemistry

Tropospheric Halogen And Sulfur Chemistry: Their Potential Interactions In Formation Of Aerosols. Prof. Parisa Ariya, McGill U. Chemistry B-250 at 1pm. Refreshments at 12:30pm. Call 822-2996.

Gairdner Awards Lecture

Is A Pound Of Prevention Worth An Ounce Of Cure? Prof. Alvan Feinstein, Yale U. IRC #5 from 1:30-2:30pm. Call 822-3910.

Women's Studies Colloquium

Oral History, Family Violence. Anna Green, U of Waikato. Women's Studies lounge from 12:30-1:30pm. Refreshments. Call 822-9173.

CUPE 2950 Workshop

Lunch And Learn Empowerment Series: Making Your Tone And Language Positive. Charlotte Martens-Dyck, Pacific Family Life Counselling. TBA from 1-2:30pm. Call 822-1484.

Obstetrics And Gynecology Seminar

Ovarian Carcinoma Cells Proliferation: Role Of Av Integrin-Mediated Activation Of Integrin-Linked Kinase. Dr. Severine Cruet-Hennequart, BC Cancer Agency, Jack Bell Centre. B.C.'s Women's Hosp. 2N35 at 2pm. Call 875-3108.

Applied Mathematics Colloquium

Modulational Stability Via Renormalization Methods For Patterns In Forced Dispersive Systems. Keith Promislow, Mathematics and Statistics, SFU. Klinck 301 from 3:30-4:25pm. Refreshments at 3:15pm. Call 822-4584.

Institute Of Asian Research Seminar

Globalization And The Transformation Of Asian Societies: British Engineers, Technology Transfer, Labour Processes And The Emerging Infrastructure Of The Global Economy In 19th-Century India. Ian Kerry, History, U of Manitoba. CK Choi 120 from 4:30-6pm. Refreshments. Call 822-4688.

19th-Century Studies

Rural Landscapes And The Urban Social Imagination In Late Nineteenth-Century France. Caroline Ford, History. Green College at 4:30pm. Call 822-1878.

THURSDAY, OCT. 26

Pathology Distinguished Lecture Series

From Cancer Genomics To Clinical Application: Breast Cancer As A Model. Dr. Carlos Caldas, Cambridge U. VGH, Eye Care Centre Aud. at 8am. Call 875-2490.

Asia Film Series

Angel Dust (Japan). CK Choi 120 at 1pm. Call 822-4688.

Vocal Masterclass

Stuart Hamilton. Music Recital Hall at 1:30pm. Call 822-5574.

Conservation Biology Seminar

Modelling Forested Landscapes After Human And Natural Disturbances. David J. Mladenoff, U of Wisconsin-Madison. ForSciences 1221 from 2:30-3:30pm. Call 822-9695.

International Student Services Workshop

Stress Management. International House upper lounge from 3-4:30pm. To register e-mail ihouse.frontcounter@ubc.ca. Call 822-5021.

Physics and Astronomy Colloquium

Engineering Of Enzymatic Networks. Boris Shraiman, Bell Labs. Hennings 201 at 4pm. Refreshments, Hennings 325 at 3:45pm. Call 822-3853.

CICSR Distinguished Lecture

Model-Based Programming Of Robotic Space Explorers. Brian Williams, Boeing associate professor, Aeronautics and Astronautics, Massachusetts Institute of Technology. CICSR/CS 208 from 4-5:30pm. Refreshments. Call 822-6894.

Law And Society

Law's Disciplinary Encounters In Historical Perspective. Chris Tomlins, editor, *Law and History Review*, American Bar Foundation. Green College at 5pm. Call 822-1878.

FRIDAY, OCT. 27

Pediatric Grand Rounds

Iron Deficiency In Infancy—An Enduring Problem. Dr. Ekhard E. Ziegler, director, Fomon Infant Nutrition Unit, U of Iowa. GF Strong Aud. at 8:30am. Call 875-3257.

Health Care And Epidemiology Rounds

DLK. Richard G. Mathias, professor, program director, Community Medicine Residency; Jonathan Chiu. Math-

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 Nov. 2 issue of *UBC Reports*—which covers the period Nov. 5 to Nov. 18—is noon, Oct. 24.

Green College Speaker Series

Why Women Can't Be Archeologists: Gender And Social Relations In China. Erika Evasdottir, Centre for Research in Women's Studies and Gender Relations. Green College at 5pm. Reception from 6-6:30pm. Call 822-1878.

WEDNESDAY, NOV. 1

Institute For European Studies

Why Hollywood? Prof. Geoffrey Nowell-Smith, Cinema Cultures, U of Luton. Buchanan Tower Penthouse from 12noon-2pm. Lunch. Call 822-1452.

Wednesday Noon Hours

Schumann: Piano Quintet, Op. 44. UBC Music Faculty. Music Recital Hall at 12:30pm. \$4 at the door. Call 822-5574.

Centre For Women's Studies Colloquium

Gender Awareness. Edith Guitlen, Benguet State U. Women's Studies lounge from 12:30-1:30pm. Refreshments. Call 822-9173.

Obstetrics And Gynecology Seminar

A Role For Cadherin-11 In The Terminal Differentiation And Fusion Of Human Mononucleate Trophoblastic Cells. Spiro Getsios. B.C.'s Women's Hosp. 2N35 at 2pm. Call 875-3108.

International Student Services Workshop

Wellness Balance. International House upper lounge from 3-4:30pm. To register e-mail ihouse. frontcounter@ubc.ca. Call 822-5021.

School Of Nursing Rounds

Expert Nurses' Decision-Making Regarding Intravenous Patient Controlled Analgesia. Barbara McLeod. UBC Hosp., Koerner Pavillion T-206 from 3-4pm. Call 822-7453.

Applied Mathematics Colloquium

Algorithms And Software For Dynamic Optimization With Application To Chemical Vapour Deposition Processes. Linda Petzold, Mechanical and Environmental Engineering and Computer Science, U of California. Clincker 301 from 3:30-4:25pm. Refreshments at 3:15pm. Call 822-4584.

St. John's College Speaker Series

Women In Science And Technology Lecture. Penny Ballem, Medicine. St. John's College 1080 at 5pm. Call 822-8781.

Individual Interdisciplinary Studies Graduate Program

Interdisciplinary, Then And Now: The Case Of Eighteenth-Century Studies. Alison Conway, English, U of Western Ontario. Green College at 5pm. Call 822-1878.

THURSDAY, NOV. 2

Violence And Health 2000 Conference

Sexual Assault, Child Abuse, Relationship Violence—Medical Assessment And Intervention. Parkhill Hotel, 1160 Davie Street at 8am. Continues to Nov. 4. To register call 822-0054.

Institute Of Asian Research Seminar

Xu Jilin And The Sinification Of Liberalism: Popular Historical Essays In 1990s China. Prof. Timothy Cheek, History, Colorado College. CK Choi 129 from 12noon-1:30pm. Call 822-4688.

India/South Asia Research Seminar

Sri Lanka's Ethnic Conflict In The Context Of Global Change. Prof. Sisira Pinnawala, head, Sociology, U of Peradeniya. CK Choi 129 from 12:30-2pm. Call 822-4688.

Cecil And Ida Green

Visiting Professorships The Unification Of The World Under The Sign Of Mickey Mouse And Bruce

Willis: Why American Popular Culture Sweeps The World. Prof. Todd Gitlin, Culture and Communication, New York U. ANSO 207-209 at 12:30pm. Call 822-5675.

Teaching And Academic Growth Seminar

Teaching Large Classes. Angus Tiberis, Biochemistry. Angus 104 from 1:30-3:30pm. To register www.cstudies.ubc.ca/facdev/ or call 822-9149.

Conservation Biology Seminar

Marbled Murrelet Nesting Ecology In B.C. Fred Cooke, SFU. ForSciences 1221 from 2:30-3:30pm. Call 822-9695.

Physics and Astronomy Colloquium

Amidst Innovative Science Teaching, How Do We Assess Student Learning? Elana Brief. Hennings 201 at 4pm. Refreshments, Hennings 325 at 3:45pm. Call 822-3853.

Policy Issues In Post-Secondary Education

Report On The OECD International Adult Literacy Project. Kjell Rubenson, co-director, Centre for Policy Studies in Higher Education and Training. Green College at 4:30pm. Call 822-1878.

Women's Studies

Asian Connections Conference Asian Centre at 6:30pm. Continues to Nov. 5. To register Web site: www.wmst.ubc.ca. Call 822-9173.

FRIDAY, NOV. 3

Health Care And Epidemiology Rounds

The VANDU Health Network: Injecting Drug User, Peer-Owned And Operated Intervention In The Downtown Eastside. Gordon Roe, Sociology-Anthropology, SFU. Mather 253 from 9-10am. Paid parking available in B Lot. Call 822-2772.

Peter Wall Institute Exploratory Workshop

Threats To Democracy In Latin America. Various speakers. University Centre 307 from 9am-5pm. Continues to Nov. 4. Call 822-6606.

Occupational And Environmental Hygiene Seminar

New Developments And Resources Available From The CCOHS. Anne Gravereaux, manager, Health and Safety Products and Services, Canadian Centre for Occupational Health and Safety. UBC Hosp., Koerner G-279 from 12:30-1:30pm. Call Kathryn Lewis 822-9861; Dr. Paul Demers at 822-0585.

Friday Noon Hours At Main

Songs Of Remembrance: Works Of War-Time Composers And Poets. Various performers. Main Library 502 at 12:30pm. Call 822-0182; 822-5574.

Chemical And Biological Engineering Seminar

Analysis Of Pond Seepage For Low Summer Stream Flow Augmentation. Melody Farnworth, Bio-Resource Engineering. ChemEng 206 at 3:30pm. Call 822-3238.

Chalmers Institute Seminar

Introduction To Centering Prayer. Rev. Cynthia Bourgeault. VST from 7-9:30pm. Continues to Nov. 4 from 9:30am-4pm. \$96; \$86 group; \$48 senior. To register e-mail ci@vst.edu; call 822-9815.

Chan Centre Concert

University Singers. Chan Centre at 8pm. Call 822-5574; 822-2697.

SATURDAY, NOV. 4

Chan Centre Concert

University Singers. Chan Centre at 8pm. Call 822-5574; 822-2697.



UBC's Nitobe Garden is fourth among the top 10 Japanese gardens outside of Japan according to the Journal of Japanese Gardening. More than 30,000 people visit the garden every year which is located near Lower Mall and Memorial Road. The garden is now open from 10 a.m. to 2 p.m. and admission is free. Dianne Longson photo

Vancouver Institute Lecture

The Overloaded Self In A Jump-Cut Culture. Prof. Todd Gitlin, Culture and Communication, New York U. IRC #2 at 8:15pm. Call 822-3131.

NOTICES

Call For Evening Volunteers

Crane Production Unit (a division of the UBC Disability Resource Centre) needs volunteers to narrate textbooks onto tape. We are looking primarily for those who can read between 4:30-8:30pm for a two-hour session once a week. An audition will be required. For more information, call Patrice Leslie Monday-Thursday from 4:40-8:30pm at 822-6114.

Volunteers Wanted

Habitat for Humanity UBC is looking for volunteers! Come help out on the construction site and build homes for low-income families. No skills required. For more information and to register for an orientation, e-mail: h4h@email.com or call 827-0316.

Religion And Spirituality Drop-Ins

Every Wednesday you can join the chaplains in a relaxed environment to explore a variety of topics related to religion and spirituality. Drop in or contact International House for more information e-mail: ihouse. frontcounter@ubc.ca or call 822-5021.

Lunch Hour Drop-Ins

Every Thursday you can join fellow international students in a relaxed, social environment to explore a variety of topics designed to help you succeed at UBC. Topics include health, safety, arts and literature, and music throughout the world. Drop in or contact International House for more information e-mail ihouse. frontcounter@ubc.ca or call 822-5021.

Volunteer Opportunity: Leaders Wanted

Living A Healthy Life With Chronic Conditions—a Vancouver/Richmond Health Board-sponsored program for people with chronic health conditions. We are looking for leaders to offer the program out in the community. Free training includes information about the program, leader skills, and helping people cope with these

serious conditions so that they can get the most out of life. Come out and learn how you can do something positive about the way that chronic conditions affect people. Bring a friend and meet others who are concerned about getting the most out of life. November 2000. To register or for more information call Barbara Henn-Pander 822-0634.

UBC Zen Society

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

BC SMILE

The British Columbia Service For Medication Information Learning And Education In BC (BC SMILE) is a medication information program for the public. It is located at the Faculty of Pharmaceutical Sciences at UBC, and is staffed by licensed pharmacists to educate the public of all ages about the safe and effective use of medications. SMILE pharmacists also provide public presentations on a variety of medication-related topics. All presentations contain valuable practical, unbiased, and up-to-date research information. Call (800) 668-6233; 822-1330.

Get Paid To Speak Your Mind

CUPE 2950 is seeking UBC employees to participate in a two-hour focus group. You must be willing to speak your mind openly. Confidentiality ensured. An honorarium will be paid. If you are interested, please call 822-1494 or fax 822-1481.

Participants Needed

Problems with remembering, smelling? Men and women 45-plus years old are required for a UBC study on age-related hormone changes and their impact on sensory and cognitive abilities. Earn \$50. Call Kevin 822-2140.

Obsessive Compulsive Disorder

Psychologists conducting research at the Traumatic Stress Clinic in the Psychiatry Dept. are offering free treatment by telephone to people suffering from Obsessive Compulsive Disorder (OCD). OCD is a disorder involving recurrent obsessions or compulsions that cause the individual

significant distress. Call Angela Yeh, Traumatic Stress Clinic, at 822-8040.

UBC Birdwalks

Anyone who is interested can meet at the flagpole above the Rose Garden on Thursdays at 12:45pm. Look for a small group of people who are carrying binoculars and bird books, etc. (and bring your own, if you have them). Call 822-9149.

Sage Bistro

To the faculty, students, administration and admirers of the University of British Columbia we present Sage Bistro at the University Centre. Sage is open Monday through Friday from 11am-2pm. Our luncheon menu changes weekly and features a wide selection of wines by the quarter litre and glass. For reservations call 822-1500.

Premenstrual Asthma Study

UBC/St. Paul's Hospital researchers are seeking females with asthma and regular menstrual cycles for a study of estrogen's effects on asthma symptoms and lung function. Must be 18-50 years of age and NOT taking birth control pills. Honorarium and free peak flow meter provided. If interested, please call 875-2886.

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. 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. To participate or for more information, please contact Todd Woodward, Psychology, at 822-3227.

Traumatic Stress Clinic

Psychologists conducting research at the Traumatic Stress Clinic in the 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.

DIGEST

Organizers hope women get into IT

A free one-day session on how to boost women's participation rates in information technology will be held at Simon Fraser University's Harbour Centre Oct. 21.

Entitled "Getting IT" the meeting will share ideas and generate awareness among students, parents, teachers, industry and government on the importance of computers in all career fields for women.

The session will address how to land a first job in science and IT; explore creating diverse computer science curriculum in high schools and universities; and provide hands-on demonstrations.

Female university and high school students account for less than 20 per cent of those taking computer science courses.

The session is organized by Supporting Women in Information Technology (SWIFT) in partnership with UBC, SFU, Science Dean Maria Klawe, who is the Natural Sciences and Engineering Research Council-IBM Chair for Women in Science and Engineering for B.C. and Yukon, the New Media Innovation Centre, Wired Women, and the Canadian Coalition of Women in Engineering, Science and Technology.

For registration information visit <http://taz.cs.ubc.ca/swift/pan>.

Focus on globalization's effect on women

UBC's Centre for Research in Women's Studies and Gender Relations is hosting a major conference.

Women's Studies: Asian Connections—which is co-sponsored by UBC's Institute for Asian Research and UBC and SFU's Women's Studies Departments—will take place Nov. 2 through Nov. 5 at UBC.

"Most of the discussion on the impact of globalization has focused on economic concerns and development issues, despite the fact that considerable research has been done on the impact on women," says Valerie Raoul, director of the Centre for Research in Women's Studies and Gender Relations and professor of French, Hispanic and Italian Studies.

Representatives of non-government organizations and community groups will join academics at the conference. Sessions on diasporic women will be included.

Fees vary, but the conference is free for UBC and SFU students.

For program and registration information visit the Web site www.wmst.ubc.ca or call (604) 822-9171.

Celebrate alumni and athletic achievements

The outstanding accomplishments of graduates, students, faculty, community leaders and athletes will be recognized at the sixth

annual Alumni Recognition and Sports Hall of Fame Dinner on Nov. 2.

Among those to be honoured are the 12 recipients of the Alumni Awards announced earlier this year: Geordie Aitken, Pathology and Chemistry Prof. Donald Brooks, May Brown, Nicola Cavendish, former Board of Governors chair Harold Kalke, Lyall Knott, Medicine Prof. Donald McKenzie, George Puil, Paul Rosenau, Jesse Sims, David Suzuki, Bruce Verchere.

New members to be inducted into UBC's Sports Hall of Fame include: Barbara (Bim) Schrodt, director of women's athletics at UBC during the 1950s; former football and rugby player Donn Spence; basketball, volleyball and track star Marilyn Peterson Kinghorn; basketball, football, hockey and soccer star Reg Clarkson; and the 1948-50 ice hockey team.

The celebration at the Westin Bayshore starts at 5:30 p.m. with dinner at 7 p.m. Tickets are \$125 per person. Tables of 8 are \$1,000. Net proceeds go to support UBC Alumni and Athletic scholarships, bursaries and development.

Call (604) 822-3313 or (800) 883-3088, or e-mail aluminfo@ubc.ca for more information.

Putting the 'e' in library

As information technology radically changes the way knowledge is created, communicated and preserved, librarians, students, researchers, teachers and the public are gathering at UBC to discuss the issues and implications for the university.

The second eLibrary symposium, eLibrary@ubc2, takes place Nov. 2, from 9 a.m. to 5 p.m., in Main Library's Dodson Room.

"We have had a very enthusiastic response from the widest possible range of experts at UBC, from graduate students to Barry McBride, vice-president, Academic and Provost, UBC Press, University-Industry Liaison and representatives from many departments," says Catherine Quinlan, university librarian.

Also taking part are Michael Rosenzweig, publisher and editor-in-chief, Evolutionary Ecology Research and professor, University of Arizona, and SFU School of Communications Prof. Donald Gutsen, author of *E.con: How the Internet Undermines Democracy*.

As well as a Distinguished Scholar-in-Residence workshop, Knowledge Futures: Alternative Models for Scholarly Publishing, will be held at the Peter Wall Institute for Advanced Studies from 5 p.m. to 8 p.m.

There is no charge, however space is limited.

For program information and to register visit the Web site www.library.ubc.ca/home/elibrary.

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Services

TRAVEL-TEACH ENGLISH 5 day/40 hr. (Oct. 25-29). TESOL teacher certification course (or by correspondence). 1,000s of jobs avail. NOW. FREE information package, toll free (888) 270-2941 or (780) 438-5704.

RETIRING in the next three years? As a specialist who has assisted many UBC faculty and staff members through the retirement process I can help sort out the options and provide you with free retirement projections. Call for a complimentary meeting at my office or yours! Don Proteau, BCOMM, CFP, RFP. E-mail: dproteau@hlp.fpc.ca or call 687-7526.

LLUVIA PRESCHOOL Fall 2000. Afternoon preschool for ages three and four years old. Monday to Thursday from 1-3:30pm. Cost: \$230/mo. Call UBC Child Care Services 822-5343.

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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.



Changes in environment may prevent asthma: study

Disease is most common chronic respiratory disease among children in Canada

by Hilary Thomson staff writer

BREAST-FEEDING, controlling dust mites and eliminating second-hand smoke are some of the interventions that may prevent asthma in infants, according to Prof. Moira Chan-Yeung. Yeung is principal investigator in a study recently published with UBC researchers Helen Ward and Alexander Ferguson and two University of Manitoba professors.

"The results of the study are very encouraging because they suggest that asthma can be prevented, not just managed," says Chan-Yeung, a professor of Respiratory Medicine who specializes in asthma.

The research team studied 545 high-risk infants—babies closely related to individuals with asthma or similar allergic disease—from birth to age one.

Conducted in Vancouver and Winnipeg, the study is the first in Canada to evaluate the effectiveness of a multi-faceted intervention program in the primary prevention of asthma in this group.

Researchers found that in families who made a number of changes in their environment, 38 infants had possible or probable asthma compared to 49 babies in the control group.

"The prevalence of asthma has increased in developed countries in the last 20 years, but methods to prevent asthma have not been well studied," says Chan-Yeung.

She and UBC colleagues Ward, an associate professor of Respiratory Medicine and Ferguson, a professor of Pediatrics and head of the Allergy division, assessed participants' homes for a variety of asthma triggers.

Water damage, leaks and dampness, type of heating and air-conditioning, number and types of pets and number of tobacco smokers were all evaluated.

Intervention measures included encasing mattresses and box springs in the parents' and infants' bedrooms in vapour-impermeable covers. Parents were also instructed to wash all bedding in hot water weekly.

Keeping pets outdoors and not taking the baby to smoky environments were also recommended.

In addition, mothers were encouraged to breast-feed for at least four months. During the last trimester of pregnancy and while nursing, they followed a diet that

excluded peanuts and other nuts, fish and other seafood. The same foods and cows' milk were eliminated from the infant's diet for the first year.

In the study, symptoms of possible asthma included at least two distinct episodes of cough each lasting for two or more weeks or at least two distinct episodes of wheeze each lasting one or more weeks.

Probable asthma symptoms included these symptoms plus at least one of: nocturnal cough at least once a week in the absence of a cold; exercise-induced cough or wheeze; and response to treatment with anti-inflammatory drugs.

Next steps for the research group include a follow-up study of this group at seven years of age to determine if the beneficial effects of the intervention measures are still present.

Asthma is the most common chronic respiratory disease of childhood. It affects about seven to 10 per cent of children and accounts for one-quarter of school absenteeism in Canada according to the Canadian Lung Association. Approximately 20 children and 500 adults die from asthma each year in Canada.

The Respiratory Health Network of Centres of Excellence was a major supporter of the study.

The Media Group

The course will deal with the basics of setting up presentations for slides and posters, graphic design to increase the readability and aesthetics of your presentation and dealing with graphic images.

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|----------|---|
| Dates | October 20, 2000 or November 3, 2000 |
| Time | 9:00 -12:00 am |
| Where | Room B8, Basement Woodward IRC Building |
| Cost | \$50.00 |
| Register | slides@interchange.ubc.ca or 822-5769 |

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Pedal-powered helicopter readies for maiden flight

Volunteer team tackles challenge of getting off the ground

MIKE GEORGALLIS' PASSION is helicopters—human-powered helicopters to be precise.

Since 1998, the 37-year-old UBC Mechanical Engineering graduate research assistant has devoted much of his free time to designing and building a helicopter that can achieve flight through humanpower alone.

Dubbed "The Thunderbird Project," the craft should be ready to challenge for the Igor I. Sikorsky Human-Powered Helicopter Competition next summer if Georgallis and members of the UBC Human-Powered Helicopter group (UBC-HPH) have their way.

The international competition offers a \$20,000 US prize for the team that can design, build and fly a human-powered rotary aircraft that can achieve a momentary height of three metres during a one-minute hover. Why?

"Mostly for the love of flight but I was also intrigued to be able to do this at a university setting," says Georgallis, who did stunts at both

Bell Helicopters and Pratt and Whitney in Montreal before coming to UBC to work on his doctorate.

Since UBC-HPH was established two years ago, nearly 100 UBC students have worked on the project. Currently about 25 students are actively working on the helicopter—a 32-metre diameter, 40-kilogram machine with twin rotor wings.

"The students have received some good real-life experience in aerodynamics," he says. "When they go into a job interview and talk about a wing, they can say they have actually worked on one."

Although human-powered, fixed-wing aircrafts have been successfully designed and flown, similar attempts for rotary-driven aircrafts have largely resulted in failures.

In fact, there have been 18 machines built since the competition began in 1980 with only two successful flights. The world record is a 19-second, six-inch hover by a Japanese team at Nihon University in March 1994.

"It's not a surprise that to date



Potential helicopter pilots try out

no one has been able to do it," says Georgallis.

One of the main barriers to a human-powered helicopter is the difficulty of building a machine light enough so that the power typically generated by a human pedaling—half-a-horsepower—can create the lift required.

The team is searching for potential pilots.

Funding and support for the project, including the Alma Mater Society's Innovative Projects Fund and the Alumni Association's Walter H. Gage Memorial Fund. Boeing provided materials.

For more information about UBC-HPH or to try out as a pilot, contact galli@mech.ubc.ca.

REBEL WITH A CAUSE.

A retired tree surgeon spends time crafting wooden toys. Every Tuesday and Wednesday he visits a local children's hospital and hands them out to sick kids.

This event is part of a movement that's helping change the world. One simple act at a time.

The Use of Freedom Essay Contest 2000/2001

Prize: \$1000

Subject: "The Creative and Responsible Use of Freedom"

Choose your own focus, e.g. Literature, Art, Capitalism, Philosophy, the Environment, Interpersonal Relations, Economics, History, etc.

Eligibility: Open to third- and fourth-year undergraduate students of UBC and affiliated theological colleges.

Deadline for entries: Friday, June 1, 2001

Prize awarded: Friday, Sept. 28, 2001

Application forms may be picked up Monday to Friday, 10 a.m.-4 p.m. at St. Mark's College, 5935 Iona Drive, at the extreme northeast corner of the campus.

PROFILE

Six new faculty members choose UBC for both its intellectual and natural environment

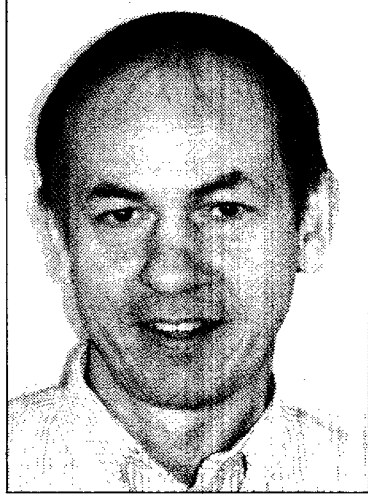
Arriving minds



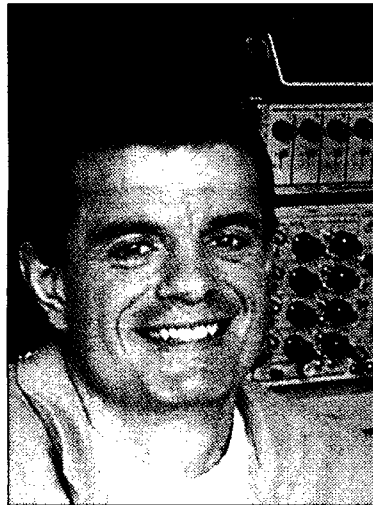
Asst. Prof. Adlai Fisher



Assoc. Prof. Izabella Laba



Asst. Prof. Joseph Lucyshyn



Asst. Prof. Christopher Peck



Asst. Prof. Sunera Thobani



Asst. Prof. Cheryl Wellington

UBC'S REPUTATION as a world-class teaching and research university coupled with Vancouver's breathtaking vistas continues to attract academic talent from around the world.

Seventy new faculty members have joined UBC since the start of the year, boosting the number of full-time faculty members to 1,822. The following are six of the new researchers and teachers on campus. Another six will be profiled in the Nov. 2 issue of *UBC Reports*.

Adlai Fisher

ASSISTANT PROFESSOR, Finance, Faculty of Commerce and Business Administration

BACKGROUND: PhD, Economics, Yale

COURSES TAUGHT: Financial Management—short-term financial planning, valuation, and mergers and acquisitions

TEACHING OBJECTIVE: A significant part of my course focuses on broadening the set of financial tools available to our students, but the larger goal is to help the class learn to apply techniques they already know in new situations. This

will be important as they adapt to business decision-making in a changing environment.

RESEARCH OBJECTIVE: Right now I am working on developing new techniques for forecasting volatility and modelling extreme fluctuations in financial markets.

WHY ATTRACTED TO UBC: The Finance division has a very strong research record, as well as a reputation for collegiality and supporting junior faculty. My wife and I were also impressed with the campus and the lifestyle in Vancouver.

Izabella Laba

ASSOCIATE PROFESSOR, Mathematics Dept., Faculty of Science

BACKGROUND: PhD, Mathematics, University of Toronto

COURSES TAUGHT: Real Analysis and Measure Theory and Integration, a basic graduate course in measure and integration theory

TEACHING OBJECTIVE: I just give my students an opportunity to learn some mathematics: the concepts, the problem-solving skills, the study techniques. It's up to them to choose what else they will learn in the process.

RESEARCH OBJECTIVE: I am currently working on several problems which are mostly combinatorial, geometrical, or algebraic in nature, but which are also connected to many deep open questions in harmonic analysis.

WHY ATTRACTED TO UBC: It's a wonderful place to live and to work.

Joseph Lucyshyn

ASSISTANT PROFESSOR, Educational and Counselling Psychology and Special Education Dept., Faculty of Education

BACKGROUND: PhD, University of Oregon

COURSES TAUGHT: Graduate seminar in behavioural disorders; Functional Assessment and Positive Behaviour Support.

TEACHING OBJECTIVE: I would most like students to gain a thorough and deep contextual understanding about why children develop problem behaviours. Based on this understanding, I would like students to know how to work with parents and educators to build positive, effective, and do-able plans of support that lead to meaningful and long-lasting change for all concerned.

RESEARCH OBJECTIVE: My research is with families of young children with developmental disabilities (e.g., autism, mental retardation) and problem behaviour. I am completing an assessment study aimed at understanding how problem behaviours develop in the midst of typical and valued routines of everyday family life.

WHY ATTRACTED TO UBC: UBC and the Faculty of Education share my strong interest in creating an academic career that brings together teaching, research, and practice.

Christopher Peck

ASSISTANT PROFESSOR, Oral Biological and Medical Sciences Dept., Faculty of Dentistry

BACKGROUND: PhD, Oral Biology, UBC

COURSES TAUGHT: Orofacial Pain and Temporomandibular Disorders; Occlusion

TEACHING OBJECTIVE: To help students understand the relationship between dental and non-dental structures in the head and neck region

RESEARCH OBJECTIVE: To better understand the relationship between human jaw structure and function using dynamic 3-D computer modelling. This information will provide insight into the mechanisms underlying jaw joint and muscle disorders.

WHY ATTRACTED TO UBC: The opportunity to work collaboratively with renowned researchers and clinicians

Sunera Thobani

ASSISTANT PROFESSOR, Centre for Research in Women's Studies and Gender Relations and Women's Studies Undergraduate Program

BACKGROUND: PhD, Sociology, Simon Fraser University

COURSES TAUGHT: Race, Class and Gender Relations; Bordering Women (nation-building, migra-

tion, and citizenship); Violence against Women; Women and Colonization

TEACHING OBJECTIVE: To work with students to develop strong critical, thinking skills and to study our society within the larger global context

RESEARCH OBJECTIVE: To study the impact of globalization on the social relations of race, class and gender

WHY ATTRACTED TO UBC: The Centre for Research in Women's Studies and Gender Relations has a commitment to teaching women's studies within the larger global context and is actively developing links in other parts of the world. The potential for developing a genuinely global focus foregrounds the interconnections in women's lived experiences and offers exciting possibilities.

Cheryl Wellington

ASSISTANT PROFESSOR, Pathology and Laboratory Medicine Dept., Faculty of Medicine

BACKGROUND: PhD, Microbiology, UBC

COURSES TAUGHT: Tutor for first- and second-year medical and dental students

TEACHING OBJECTIVE: To instill a lifelong curiosity about the complexities and wonders of biological systems and to develop the intellectual skills to explore questions of interest through research

RESEARCH OBJECTIVE: My research is focused on disease-causing genetic mutations with an emphasis on pathways leading to cell death in a variety of diseases.

WHY ATTRACTED TO UBC: UBC is committed to excellence and Canada is home. I join the faculty of UBC at a very exciting time filled with opportunity to make significant contributions to health research and to the education of the next generation of leaders.