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Bird and human work as one in an ancient sport

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Medicine asks community leaders what's needed

ubc reports

THE UNIVERSITY OF BRITISH COLUMBIA



PUCK PLAY Ask an Ice Mouse to name their hockey heroes and they will likely squeak back with "Wayne Gretzky" and "Dave." That's Dave Newson, coach of UBC's women's hockey team and program co-ordinator in Community Sports Services. "Ice Mice Beginner Hockey for four- to six-year-olds is always sold out," says Newson. "We teach fundamentals but stress having fun before they enter competitive minor hockey." One of Newson's assistants Nathan Sung (top left) is in the thick of a pack, while a tuckered-out Travis Phillifant (bottom) folds in his shiny new UBC jersey, too pooped to pass. For information on UBC Winter 2000 programs, call (604) 822-3688 or visit www.hockey-school.ubc.ca. Bruce Mason photo

Service provides answers to puzzled students' inquiries

Student Services' Information Centre solves questions ranging from awards and loans to housing and haircuts

by Hilary Thomson staff writer

IT'S LIKE A GREEN LIGHT for students stalled in a traffic jam of questions about UBC.

The big green banner at the north end of Brock Hall announces the location of the Student Services' Information Centre which offers one-stop shopping for information on admissions, awards, accommodation, registration and general information about campus services.

The centre aims to provide excellent service at a single point of contact, avoid sending students from one place to another on campus and reduce lineups.

"This gives a big boost to the services we can offer students," says Marianne Schroeder, co-ordinator of Student Information Services. "Creating and operating the centre with student input has meant it fits with what they need."

Between 75 to 125 individuals drop by the centre every day, says Schroeder.

"The Info Centre has surpassed our expectations," says outgoing Alma Mater Society (AMS) President Ryan Marshall. "It virtually ends the need for students to wait in incorrect line-ups."

The centre is partially funded by the AMS Innovative Projects Fund. The success of the investment has prompted the AMS to draw up plans for a similar information booth to be located in SUB in the next few years, says Marshall.

see *Answers*, page 2

Chief justice one of series' speakers

Genes, bees and Troy among Vancouver Institute's spring topics

CANADA'S NEW CHIEF JUSTICE Beverley McLachlin and Canadian author and playwright Silver Donald Cameron are among the speakers in the Vancouver Institute free public lecture series at UBC which runs every Saturday to April 15.

All lectures take place at 8:15 p.m. in Woodward Instructional Resources Centre lecture hall 2.

Upcoming lectures include:

FEB. 5: Daryl Duke, "Redefining English Canada: The Failure of the Media."

FEB. 12: Prof. Mark Winston, "Nature Wars: Pests vs. People."

FEB. 19: Nik Gowing, "Information in War and Emergencies: Who Really Commands the High Ground."

FEB. 26: Prof. Virginia Valian, "The Advancement of Women: Why So Slow?"



Beverley McLachlin

MARCH 4: Prof. Brian Rose, "New Excavations at Ancient Troy."

MARCH 11: Beverley McLachlin, "The Role of the Courts in a Modern Democracy."

MARCH 18: Prof. Walter Kohn, "Through a Glass Darkly: A Physicist Looks at the Future."

MARCH 25: Silver Donald Cameron, "Energy, Environment and the Left."

see *Speakers*, page 2

Scholarship honours promising student

Professor will continue graduate student's work

A MEMORIAL SCHOLARSHIP fund has been set up to honour Forest Ecology PhD student Adrian Weber to ensure that his groundbreaking work will continue at UBC.

Weber, 38, drowned New Year's Day when he dove into Kingsmere Lake near Ottawa.

Forest Ecology Prof. Hamish Kimmins says Weber was working on a breakthrough in the effects of wind and clear-cutting on forests.

Besides honouring Weber, the scholarship will provide funding for other young researchers working in forest ecology, says Kimmins.

"In his head Adrian was a conservationist and environmentalist," he says. "But in his head he was a scientist which is the kind of combination we need to move towards a sustainable relationship between humans and the environment."

Weber studied seedlings of western red cedar, one of the more profitable species for the forest in-

dustrial. The tree normally grows well in shaded areas of old forests but does not regenerate in some types of north island forests.

Weber's work suggested that the seedlings can regenerate in shaded areas if a certain fungus, VAM, is present in the soil. But without the fungus, the seedlings will only regenerate through the high light and increased nutrient achieved if trees are removed.

Kimmins says that he will continue Weber's work and take it to the publication stage.

Contributions to the Adrian Weber Memorial Scholarship in Forest Ecology may be sent to the Forest Sciences Dept., 2424 Main Mall, v6T 1Z4. Please make cheques payable to The University of British Columbia and specify the scholarship name. For more information, contact Maxine Horner at (604) 822-6018.

STRIKE INFORMATION

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

Speakers

Continued from page 1

APRIL 1: Sharon Pollock, "Will Theatre Survive?"

APRIL 8: Panel discussion: Prof. Michael Hayden, Prof. Gert-Jan van Ommen, Prof. Lap-Chee Tsui, and Francis Collins, "The Human Genome Project: Where Do We Go from Here?"

APRIL 15: John Stackhouse, "The End of Development."

The spring series started Jan. 22 with Prof. Brett Finlay's lecture, "Confronting the Microbe Menace."

Recent books published by series speakers will be available at the door and the UBC Bookstore.

...

MORE INFORMATION

www.psg.com/~ted/vaninst or call UBC-INFO, (604) 822-4636.

UBC among leaders in United Way drive

UBC HAS AGAIN PLACED among the top Lower Mainland organizations in the United Way category of Leaders of the Way with 75 donors who gave \$1,000 or more to the annual campaign.

Thanks to more than 700 faculty, staff and student donors, the campus campaign raised \$289,995 to benefit the various United Way groups and agencies.

The winner of the top raffle prize of two Canadian Airlines

tickets was Margo Fraser, Faculty of Commerce and Business Administration and Prof. Martin Puterman—also from Commerce—won the top donor prize of a weekend for two compliments of Sun Peaks Resort. For a complete list of winners and sponsors, visit the Web site at www.unitedway.ubc.ca.

UBC was also highly ranked in the category of Discoverers—those who gave \$500 or more—chalking up 82 donors.

THANKS ubc

A BIG THANK YOU TO THE 150-PLUS VOLUNTEERS AROUND CAMPUS WHO WORKED HARD TO SPREAD AWARENESS, INFORMATION AND ENTHUSIASM DURING THE CAMPAIGN.

A SPECIAL NOTE OF APPRECIATION TO THE EXECUTIVE COMMITTEE FOR ALL THEIR HARD WORK AND ENTHUSIASM PARTICULARLY AT THOSE EARLY MORNING MEETINGS.

Elis Courtney

Chair, 1999 UBC campaign



United Way

Answers give green light

Continued from page 1

Information is also provided by phone and the centre responds to about 200 to 300 e-mail inquiries per week. Most questions are answered within 48 hours.

"We get asked everything from where to get a haircut and where to rent a house to how to switch faculties," says fourth-year student Mike Kleisinger, one of the centre's

information officers. "Students can ask us 10 different questions if they need to—there's no running around and it's more personal than Telereg or voice-mail."

The centre is open Monday to Thursday from 9 a.m. to 5 p.m. and Friday to 4:30 p.m. Staff can also be reached at (604) 822-9836 or 1-877-272-1422 within Canada, or by e-mail at student.information@ubc.ca.

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VICE-PRESIDENT, EXTERNAL RELATIONS THE UNIVERSITY OF BRITISH COLUMBIA



Think
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UBC

The University of British Columbia (UBC) is seeking applications and nominations for the position of Vice-President, External Relations. UBC is committed to collaborating with local and regional communities, governments, donors, industry and business, and other educational institutions both nationally and internationally, in order to foster intellectual,

social, cultural and economic development in Vancouver, the Province of British Columbia, and Canada. This commitment is central to the implementation of "Trek 2000," UBC's vision for the 21st century.

UBC is one of Canada's leading teaching and research institutions. Established in 1908, it is a publicly supported, comprehensive university, comprising 12 faculties, nine schools, and 38 centres and institutes. The University's mission is to be a world-renowned institution of higher education and research, and the best university in Canada.

Reporting to the President, the Vice-President, External Relations will be charged with furthering the goals of "Trek 2000" as they relate to fund development and revenue generation, and to building alliances with communities, donors, businesses, governments and international

partners in order to enhance UBC's position as one of the world's finest public universities. The Vice-President, External Relations is a member of the University's senior management team, and is responsible for government relations, public affairs, advancement and fund development, media and community relations, internal university relations, and international and business relations.

The successful candidate for this leadership role at UBC will possess a demonstrated ability to communicate effectively and collaborate strategically with a wide variety of stakeholders. The new Vice-President, External Relations will have a record of success as a manager of complex issues and as a strategic thinker, able to move an organization forward and position it for new and evolving challenges.

In accordance with Canadian immigration requirements, this advertisement is directed in the first instance to Canadian citizens and permanent residents of Canada.

This position is key to furthering the ambitious goals of "Trek 2000" and to UBC's success in the new century. UBC hires on the basis of merit and is committed to employment equity. The University encourages all qualified persons to apply.

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UBC disaster planning co-ordinator Jody Sydor flashes the Red Cross ID she wore helping refugees from Kosovo. Bruce Mason photo

Kosovo real life training for seasoned co-ordinator

"I learned fast," says staff member Jody Sydor about her relief mission to the war-torn regions of the Balkans

by Bruce Mason staff writer

JODY SYDOR has just returned from a whirlwind experience as a Red Cross disaster relief delegate working with Kosovar refugees in Macedonia to her job at UBC.

Her six-month mission to help meet the enormous needs of 300,000 displaced persons had an unexpected impact.

"Before leaving I had a basic understanding of the refugees' plight but couldn't have imagined the incredible and overwhelming generosity of people," says Sydor, UBC's disaster planning co-ordinator. She took a leave of absence last June to join the massive relief effort in the Balkans.

Briefings were hurried and vague.

"In Ottawa I first heard the phrase, 'the situation is changing rapidly.' It was repeated at the International Red Cross headquarters in Geneva and proved so true on my arrival," she recalls. "Someone will meet you and explain your job," I was advised as I boarded a plane.

Landing in Greece she was reassured by the sight of a red cross on a vehicle bound for Skopje, Macedonia. Unsure if she would be staying or moving on to Albania or Kosovo, Sydor quickly realized that she would have to interpret and improvise.

"I was assigned a post in southwest Macedonia and told to ensure that appropriate goods reached the appropriate people in the appropriate way," she recalls. "I learned fast."

"One of the first camps I visited housed 45,000 people and to comprehend the magnitude, I thought of UBC with about the same population on a busy day. It was just one refugee camp. Imagine a destitute population the size of Nanaimo suddenly appearing in Vancouver overnight. That's pretty much what happened in Macedonia."

Distributing aid required daily troubleshooting. Food sometimes arrived late or in the wrong quantities. A large supply of cottonseed oil couldn't be used for cooking. Refugees balked at receiving lentils rather than familiar beans.

"Both are nutritional, but displaced persons need to achieve

normalcy and strange foods add stress," she explains.

Bright spots are indelibly etched in her memory. Members of Canada's Armed Forces had purchased 50 teddy bears out of their own pockets and asked Sydor to place them with the neediest children in orphanages and hospitals.

"I saw firsthand the very professional operation of our peacekeepers but also caught a glimpse of their individual personalities," she says.

One third of Macedonia's two million people are unemployed. Still, doors were opened everywhere for individuals and families of five, 10 or 15 Kosovars who had fled with what they could carry. Host families willingly shared their small homes with "guests" who would stay for days or months, while 200,000 regrouped in refugee camps.

Sydor says success was built on the quick and generous international response, humanitarians in Macedonia and the distribution network established by the Macedonian Red Cross for Yugoslav conflicts in the early '90s.

Sydor had previously worked for the Canadian Red Cross during the 1997 Manitoba flood and the 1994 Penticton forest fire evacuation. Now she is back on campus developing the university's emergency response capacity.

"My work in Macedonia was a profound reminder of the importance of a basic plan and networks for any emergency," she says. "We all want to react quickly in a crisis as humanitarians. Having good systems in place enables us to do so."

Lectures deliver knowledge to build successful spin-offs

Seminar series aims to arm university researchers

NATURAL GAS FUEL systems developer Westport Innovations Inc., Web-based learning software-maker WebCT and biotechnology high-flyer QLT PhotoTherapeutics Inc. have something in common.

All three companies—along with many other high-tech firms in the Lower Mainland—sprang to life from the fertile minds of researchers at UBC.

It's an increasing phenomenon that Angus Livingstone has witnessed from his vantage point as managing director of UBC's University-Industry Liaison Office.

"A lot of people are seeing the success of local companies such as QLT and they are saying, 'Why not me too,' and trying to turn their research into a company," says Livingstone.

The growth rate of UBC spin-off companies has increased to six to seven a year over the last five to six years. Researchers' interest in taking their work commercial has doubled in the past 12 to 18 months, says Livingstone.

"It's not just professors who try this," he says. "These days you have an increasing number of grad students who are looking at it as an alternative to going to work for somebody else."

But there is a skill to taking a good idea to market, says Livingstone. Common pitfalls such as the lack of a solid business plan, shareholders' agreements, employee contracts, non-disclosure agreements or even basic book-keeping can derail a fledgling en-

terprise. He adds that building a strong network of experienced advisers is another key element.

With that in mind, a seminar series entitled Going Corporate: From the Lab to the Market is running at UBC, Simon Fraser University, the Technical University of B.C. and the University of Victoria.

The series brings together university researchers, entrepreneurs and high-tech industry insiders in a bid to inform researchers of the issues they may face in forming their own spin-off company.

It also points out the types of resources that may be available to help them. As well, it provides a forum for entrepreneurs who may wish to partner with promising researchers to develop innovations.

The inaugural series is a collaboration between the industry liaison offices of the four universities and WestLink Innovation Network Ltd., an Edmonton-based non-profit organization that fosters technology development and commercialization at the 13 western Canadian universities.

The series continues with a session at each campus every month until April.

The next session at UBC takes place Feb. 17 at the Forest Sciences Building, room 1005 from 4-6 p.m. It will focus on the nuts and bolts of incorporation and feature a personal account from Tazdin Esmail, president of Forbes Medi-Tech, Inc., a UBC spin-off company in the biotechnology sector.

MORE INFORMATION

For a list of upcoming sessions at UBC, visit www.uilo.ubc.ca or call (604) 822-8580. For a listing of sessions at other locations, see www.westlink.ca.

A rare bird of many talons

Maybe he's too flighty to be called a pet, but he does call an arm his roost

HE'S HANDSOME. His moves are bold and swift. He dines on quail.

Is this a big-time broker or a hotshot lawyer?

No, these are the attributes of Birdie, a seven-month old male peregrine falcon belonging to UBC graduate student and falconer Christian Duhme.

"There is a beautiful co-operation between human and falcon in this sport," says Duhme. "The bird must know what I am thinking and I must think like a raptor to make it work."

Although falconry is "the most exciting pastime imaginable" to Duhme, he discourages people from taking up the sport on impulse. Not only does it require a lot of time and dedication, but birds can be easily harmed or killed through inexperienced handling, he says.

OFFBEAT

Aspiring B.C. falconers can keep raptors, or birds of prey, if they obtain a permit from the Ministry of Environment, Lands and Parks.

About the size of a crow, peregrine falcons are one of the fastest birds on earth and can dive vertically at speeds greater than 300 kilometres per hour. They are found on every continent except Antarctica and live mostly on a diet of birds ranging in size from sparrows to ducks.

Rewards of quail tidbits keep Birdie coming back to his master instead of flying away. When he's not hunting, Birdie rests on his perch at the end of a long leash that allows him to move around freely without being confined to a cage.

Falcons have recently been taken off the endangered species list in Canada. Successful captive breeding programs have meant the cost of the bird has been reduced to about the same price as a pedigreed pup.



Christian Duhme and Birdie

Duhme belongs to the Northwest Falconers which is one of two clubs in B.C. devoted to falconry. A fan of the sport since childhood, he obtained his first bird, a goshawk, eight years ago. He received Birdie when he was a fledgling of three months.

This won't be any fly-by-night relationship, however—falcons can live up to 20 years. Duhme, who is completing a PhD in Genetics, thinks he and Birdie will stick together for quite a while. Birds of a feather, you understand.

SUNDAY, JAN. 30

Chan Centre For The Performing Arts Concert
Boris Berman. Chan Centre from 3-5pm. Tickets at Ticketmaster 280-3311 or for info. call 822-2697.

MONDAY, JAN. 31

Engineering And Architecture Continuing Education
Building Code And Certified Professional Course. NRC Innovation Centre conference room from 8:30am-4:30pm. Continues to May 15. \$1,850. To register call 822-1884.

Centre For Chinese Research Seminar
Who Governs Hong Kong? Martin Lee, leader, Hong Kong Democratic Party. CK Choi 120 from 12:30-2pm. Call 822-2629.

Computing and Telecommunications Services, UNBC. Klinck 301 from 4-5:30pm. Refreshments; bring mug. Call 822-0570.

Green College Speaker Series
Design And Development Of Novel Drug Delivery Systems. Helen Burt, Pharmaceutical Sciences. Green College at 5pm. Reception from 6-6:30pm. Call 822-1878.

Intramural Sport Rep Meeting
99/00 Orientation. Aquatic Centre classroom from 6:30-7:30pm. E-mail: starzyk@intramurals.ubc.ca; call 822-6000.

Engineering And Architecture Continuing Education
Water-Based Fire Suppression 2. Various Speakers. CEME 1202 from 6:30-9:30pm. Continues to March 9. \$900. To register call 822-1884.

Geography Colloquium
Transport Of Asian Pollutants To B.C. Ian McKendry. Geography 201 at 3:30pm. Call 822-5904.

Individual Interdisciplinary Studies Graduate Program
Reading Louise Labé. Nancy Frelick, Comparative Literature. Green College at 5pm. Call 822-1878.

Leslie L. Schaffer Lecture
Genes, Climate And Wood. Gerald E. Rehfelt, U.S. Forest Service. ForSciences 1005 from 5:30-6:30pm. Call 822-2507.

Career Services Information Session
Recruiting Civil Engineering Students. City of Vancouver. Wesbrook 100 from 5:30-7pm. E-mail: careers@interchange.ubc.ca; call 822-4011.

FRIDAY, FEB. 4

AMS Executive Breakfast
SUB concourse from 7-10am. E-mail: comco@ams.ubc.ca; call 822-1961.

Pediatric Grand Rounds
Retinopathy Of Prematurity: An Update. Dr. Chris Lyons. Ophthamology, B.C.'s Children's Hosp. GF Strong Aud. from 9-10am. Call 875-2345 ext. 7449.

Fish 500 Seminar
Watershed Restoration: From Theory To Practice. Pat Slaney, B.C. Ministry of Fisheries. Hut B-8, Ralf Yorque Room at 11:30am. Refreshments at 11am. Call 822-2731.

Centre For Chinese Research Seminar
CIDA's China Program: Present And Future. Ian Wright, director, China Program, Canadian International Development Agency. Asian Centre 604 from 12noon-1:30pm. Call 822-2629.

School Of Music Concert
UBC Contemporary Players. Music Recital Hall from 12:30-1:30pm. Call 822-5574.

Friday Noon Hour Concert At Main
Love Songs. Main Library 502 from 12:30-1:30pm. Call 822-5574.

Music Performance
Alma Mater Society Chinese New Year Fair. UBC School of Music Chinese Ensemble. SUB main concourse from 12:30-1:30pm. Call 822-2361.

Critical Issues In Global Development
Isaiah Bowman And The Geography Of The American Century. Neil Smith, Geography, Rutgers U. Green College at 3pm. Call 822-1878.

Centre For Korean Research Seminar
North Korea: The Dilemmas Of Change Without Reform. Brian Job, director, Institute of International Relations; Political Science. CK Choi 120 from 3:30-5pm. Call 822-2629.

Chemical And Biological Engineering Seminar
Robustness Of Fault Detection And Isolation Using Local Approach. Lechang Cheng. ChemEng 206 at 3:30pm. Call 822-3238.

Mathematics Colloquium
Hysteresis And Interface Dynamics In Mathematical Models Of Phase Transitions. Prof. Anna Vainchtein, Mechanical Engineering, Stanford U. Math 100 at 3:30pm. Refreshments, Math Annex 1115 at 3:15pm. Call 822-2666.

Swim Meet
Vs. Calgary. Aquatic Centre from 3:30-6:00. Call 822-4521.

Raindrop Hash House Harrier
Pacific Spirit Park North SUB Plaza from 12:30-1:30pm. \$5. E-mail: Ronnie Gill gill@intramurals.ubc.ca; call 822-6000.

Thunderbird Women's Volleyball
Vs. University Of Calgary. War Memorial Gym at 6:15pm. Continues to Feb. 5 at 8pm. \$7 adult; \$4 youth/

seniors; \$3 UBC students; children under 12 free. Call 822-2473.

UBC RainFest
Aquatic Center from 7-11pm. \$100 team. To register e-mail: Ronnie Gill, gill@intramurals.ubc.ca; call 822-6000.

Thunderbird Men's Volleyball
Vs. University Of Calgary. War Memorial Gym at 8pm. Continues to Feb. 5 at 6:15pm. \$7 adult; \$4 youth/ seniors; \$3 UBC students; children under 12 free. Call 822-2473.

SATURDAY, FEB. 5

BC Senior Championship Swim Meet
Aquatic Centre from 7:30am-8pm. Continues to Feb. 6. Call 822-4521.

Chalmers Institute Seminar
For The Birds...A Spirituality Of Nature (Reifel Bird Sanctuary Field Trip). VST at 8:30am. \$40; \$35 team; \$20 seniors. To register e-mail: cl@vst.edu; call 822-9815.

Triathlon Training Clinic 2
War Memorial Gym 100 from 10am-12noon. E-mail Derek Boessenkool, derekbo@intramurals.ubc.ca. Call 822-4909.

Chalmers Institute Seminar
Finding Faith In The Centre. Bud Phillips. Ryerson United Church, 2195 W. 45th Ave. from 10am-4pm. \$20 includes lunch. To register e-mail: cl@vst.edu; call 822-9815; 266-5377.

Vancouver Institute Lecture
Redefining English Canada: The Failure of The Media. Daryl Duke, director, producer, writer. IRC#2 at 8:15pm. Call 822-4636.

SUNDAY, FEB. 6

Artist Workshop
Responding To Art. Katie Collie. Green College at 2pm. Call Graham Good 822-4086; 822-1878.

Poetic Persuasions
Reading. Aritha van Herk, author. Green College at 8pm. Call 822-1878.

MONDAY, FEB. 7

AMS Valentine's Day Show
SUB Main Concourse from 9am-5pm. Continues to Feb. 11. E-mail: comco@ams.ubc.ca; call 822-1961.

Imaginus
SUB concourse from 9am-5pm. Continues to Feb. 11. E-mail: comco@ams.ubc.ca; call 822-1961.

Alpha Phi Women's Fraternity Fundraiser
Heart Throb. SUB concourse from 10am-5pm. Continues to Feb. 11. E-mail: oanacod@intergate.bc.ca.

Whole Body Fair
IRC upper foyer from 10:30am-2:30pm. Meditation Corner from 12:30-2:30pm. E-mail: Judith Frankum wellness.outreach@interchange.ubc.ca; call 822-4858.

Chinese New Year Celebration
Celebrate Year Of The Dragon. Continues to Feb. 11. Yum Yum's from

calendar

JANUARY 30 THROUGH FEBRUARY 12

Biochemistry Seminar
Thcombin And Annexins In Herpes Virus Infection. Ed Pryzdial. IRC#4 at 3:45pm. Refreshments at 3:30pm. Call 822-3178.

Mechanical Engineering Seminar
Recent Developments In Reliability Engineering. Albert Koehler, general manager, Tribotec International Ltd. CEME 1204 at 3:30pm. Refreshments at 3:25pm. Call 822-3770.

Member Speaker Series
Cyborg Subjects. Aaron Hunter, English; Matt Farish, Geography. Green College at 5:30pm. Call 822-1878.

Cultural And Media Studies Panel Discussion
Politics, Economics, Media In the 21st Century: Beyond Left And Right? Alan Hunt. Green College at 7:30pm. Call 822-1878.

TUESDAY, FEB. 1

Lectures In Modern Chemistry
Molecular Wires And Molecular Electronics. Prof. Mark Ratner, Northwestern U. Chemistry B-250 at 1pm. Refreshments. Call 822-3057.

Student Services Leadership Program
How To Make Your Butterflies Fly (Handling Speech Jitters). Marsha Trew, Women Students' Office. Buchanan Penthouse from 3-4:30pm. \$5. To register e-mail: Dorothy Nelson wso@interchange.ubc.ca; call 822 2415.

Oceanography Seminar
Why Is Saanich Inlet So Productive? Ann Gargett, Institute of Ocean Sciences. BioSciences 1465 at 3:30pm. Call 822-3278.

Computer Science Invited Speaker Seminar
New Tools For Verifying Embedded Control Systems. Bruce Krogh, Carnegie Mellon U. C1CSR/CS 208 from 4-5:30pm. Refreshments. Call 822-0557.

Statistics Seminar
Statistical Methods For Assessing Habitat Preferences. Dieter Ayers,

Institute For European Studies
Challenges And Constraints Of A European Union Constitution. Wolfe-Dieter Narr, Free U of Berlin. Green College Coach House at 7:30pm. Call 822-1452; 822-1878.

WEDNESDAY, FEB. 2

Orthopedics Grand Rounds
Survival Analysis. Dr. Keith Stothers. VGH, Eye Care Aud. at 7am. Call 875-4192.

Institute Of Asian Research Festival
Lunar New Year Festival. CK Choi from 11:30am-2pm. Continues to Feb. 4. E-mail: Karen Jew kjew@interchange.ubc.ca; call 822-2629.

Wednesday Noon Hour Concert
David Harding, violist. Music Recital Hall from 12:30-1:30pm. Admission \$3. Call 822-5574.

Faculty Financial Planning Lecture Series
You And Your UBC Pension Fund. Stan Hamilton, chair, Faculty Pension Fund. Chemistry 250 from 12:30-1:20pm. Call 822-1433.

Centre For Research In Women's Studies Colloquium
Women And Representation In Contemporary China. Tao Jie, Peking U. Women's Studies lounge from 12:30-1:30pm. Call 822-9173.

Another Look At Human Development Speaker Series
Linking Research To Policy And Practice. Dyan Dunsmoor-Farley, deputy minister. Scarfe 278 from 12:30-1:20pm. Call 822-5232.

Student Services Leadership Program
Zen Of Self-Mastery. Buchanan Penthouse 3-4:30pm. \$5. To register e-mail: Dorothy Nelson wso@interchange.ubc.ca; call 822 2415.

School Of Nursing Rounds
Concerns Of Post-Partum Women Who Have Experienced A High-Risk Pregnancy. Cathy Ebbehoj. UBC Hosp., Koerner Pavilion T-206 from 3-4pm. Call 822-7453.

Engineering And Architecture Continuing Education
Legal Issues For The Construction Industry. Various Speakers. CEME 1202 from 6:30-9:30pm. Continues to March 15. \$500 includes course material, certificate. To register call 822-1884.

THURSDAY, FEB. 3

B.C. Post-Secondary Education Policy Issues Seminar
Prospects For An Integrated System Of Post-Secondary Education In British Columbia: A Policy Development Process. Various speakers. Green College at 8:30am. Call 822-1878.

Student Services Leadership Program
Procrastination: Discover The Pace That's Right For You. Women Students' Office. Brock 200 from 12:30-2:00pm. \$5. To register call Melissa 822-3811.

Fine Arts Lecture
The Necessity Of Utopia: Gestures Through The Looking Glass Of History In Argentinean And Canadian Art. Dot Tuer, artist. Lasserre 102 at 12:30pm. Call 822-2757.

Women Of Colour Network Discussion
Claiming Your Cultural Identity. Various speakers. International House upper lounge from 5-8pm. E-mail: wcmmentor@interchange.ubc.ca; call Charlene Wee, Sylvia Cho 822-0617.

UBC Winter Badminton Championships
Student Recreation Center from 7:30-11:30pm. Continues to Feb. 4. \$10 single; double. To register e-mail: Ronnie Gill, gill@intramurals.ubc.ca; call 822-6000.

Thematic Lecture Series
Nature, Economy, War, Sudan. Cindi Katz, Environmental Psychology Program, City U of New York. Green College at 7:30pm. Call 822-1878.

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 Feb. 10 issue of *UBC Reports*—which covers the period Feb. 13 to Feb. 26—is noon, Feb. 1.

11am-1pm E-mail: Juliana Campbell
campbell@foodserv.ubc.ca; call
822-1812.

Whole Body Fair Workshop

Resisting The Media Body—Focus On
Media Influence, Body Image And
Personal Safety. Safer Campus Peer
Educators. IRC G-57 at 12:30pm.
E-mail Judith Frankum wellness.
outreach@interchange.ubc.ca; call
822-4858.

Student Services

Leadership Program

Building International Competencies.
International House Boardroom from
3-4:30pm. \$5. E-mail Dorothy Nelson
wso@interchange.ubc.ca; call
822-2415.

Biotechnology Lab Seminar

Using Powdery Mildew-Resistant
Arabidopsis Mutants To Understand.
John Vogel, Plant Biology, Carnegie
Institution Of Washington. Wesbrook
201 from 3:30-4:30pm. Refreshments
at 3:15pm. Call Dr. Kolburn 822-4838.

Mechanical Engineering Seminar

The Emerging Technology Of Tanker
Escort Tug Design And Its Applica-
tion To Coastal Environmental
Protection. CEME 1204 at 3:30pm.
Refreshments at 3:25pm. Call
822-3770.

Biochemistry Seminar

Innovations In Metals In Medicine.
Simon Fricker. IRC#4 at 3:45pm.
Refreshments at 3:30pm. Call
822-3178.

Career Services Employer Information Session

Nortel Optical. Wesbrook 100 from
5:30-7pm. E-mail: careers@
interchange.ubc.ca; call 822-4011.

Member Speaker Series

How Computers See. Shingo Takagi,
Computer Science. Green College at
5:30pm. Call 822-1878.

Institute For European Studies Lecture

Herder, Bismarck, Habermas:
Negotiating Volk, State And
Citizenship In Germany. Dieter
Schirmer, Cornell U. Green College
Coach House at 7:30pm. Call
822-1452; 822-1878.

TUESDAY, FEB. 8

Botany Seminar

Climate Change And Terrestrial
Ecosystems In B.C. David
Spittlehouse, B.C. Ministry of Forests.
BioSciences 2000 from 12:30-2pm.
Call 822-2133.

Career Services Information Session
Network and Connect to the Hidden
Job Market. Brock 307 from 12:30-
2:30pm. \$5 UBC students; \$20 UBC
alumni. To register e-mail:
careers@interchange.ubc.ca; call
822-4011.

Whole Body Fair Workshop

Recovering Bodies - Focus On
Students Who Have Had Difficulties
With Disordered Eating. Vikki Baker,
Women Students' Office. Safer
Campus Peer Educators. IRC G-57 at
12:30pm. E-mail Judith Frankum
wellness.outreach@interchange.ubc.ca;
call 822-4858.

Lectures In Modern Chemistry

Organic Modification Of Silicon:
From Self-Assembly To Self-Direction.
Dan Wayner, Steacie Institute for
Molecular Sciences, National
Research Council. Chemistry B-250 at
1pm. Refreshments. Call 822-3057.

Student Services

Leadership Program

Negotiating On The Fly. Buchanan
Penthouse from 3-4:45pm. \$5. To
register e-mail: Dorothy Nelson
wso@interchange.ubc.ca; call
822-2415.

Equality/Security/

Community Colloquium

Consumption Poverty In Canada,
1982-1996. Krishna Pendakur,
Economics, SFU. Green College at
4pm. Call 822-1878.

Green College Speaker Series

The Sudbury Neutrino Observatory:
Building And Operating A Neutrino
Detector Two Kilometres
Underground. Chris Waltham,
Physics and Astronomy. Green
College at 5pm. Call 822-1878.

St. John's College Panel Discussion

Women In Science: Personal Histories
And Lessons Learned. Prof. Helen
Burt. St. John's College 1080 from 5:15-
6:30pm. E-mail: Tanis Preiss
tpreiss@mercury.ubc.ca; call 822-8781.

WEDNESDAY, FEB. 9

Orthopedics Grand Rounds

Job Site Rehabilitation For
Musculoskeletal Problems: A New
Cost Effective Approach. Dr. Peter
Wing; David Coates. VGH, Eye Care
Centre Aud. at 7am. Call 875-4192.

Planning A Sustainable Millennium Conference

Ways Of Knowing: Physical
Knowledge, Social Knowledge.
Various Speakers. Continues to Feb.
11. Green College from 10:30am-4pm.
Call 822-1878.

Wednesday Noon Hour Concert

Vancouver Guitar Quartet. Music
Recital Hall from 12:30-1:30pm. \$3.
Call 822-5574.

Another Look At Human

Development Speaker Series

Community Health For Children And
Families. Monika Verma, Rainbow
Co-op. Scarfe 278 from 12:30-1:20pm.
Call 822-5232.

Liu Centre/Economics

Distinguished Speaker Series

Environmental Resource Scarcity
And The International Community.
Prof. Karl-Goran Maler, director,
Beijer Institute. St. John's College
seminar room at 12:30pm. Call
822-1558.

Faculty Financial Planning Lecture Series

Tony's Tax Tips. Prof. Tony Sheppard.
Law. Chemistry 250 from 12:30-
1:20pm. Call 822-1433.

English Reading Discussion

Generations At The Mouth. Daphne
Marlatt. Buchanan D-202 at 12:30pm.
Call 822-4225.

Whole Body Fair Workshop

Running On Empty: Fitness Or Fat
Phobia—Focus On Over-Exercising,
Including Athletes. Vikki Baker,
Women Students' Office. Safer
Campus Peer Educators. Brock 200-D
at 12:30pm. E-mail Judith Frankum
wellness.outreach@interchange.ubc.ca;
call 822-4858.

Student Services

Leadership Program

Celebrating Individualism And
Collaboration—A Social Change Model
Of Leadership Development.
Buchanan Penthouse from 3-4:45pm.
\$5. To register e-mail: Dorothy Nelson
wso@interchange.ubc.ca; call 822-2415.

Geography Colloquium

Past Texts, Present Lives: A
Comparative Understanding Of
Japanese Immigrant Women. Audrey
Kobayashi, Queen's U. Geography 201
at 3:30pm. Call 822-5904.

Museum Of Anthropology Public Lecture

Contemporary First Nations Art:
Challenging The Stereotypes. Various
speakers. MOA Theatre Gallery from
7:30-9pm. \$37; \$32 members. To
register call 822-1420.

THURSDAY, FEB. 10

Transformations Of Europe Series Lecture

Russia. Between East And West. Prof.
Evgenii Kovrigin, International
Relations, Seinan Gakuin U.
Buchanan B-223 from 12:30-2:30pm.
Light lunch at 12:30pm. Call 822-1452.

Counselling Services

Information Session

Exam Preparation: Test Taking
Strategies And How To Beat Test
Anxiety. Brock 200 from 12:30-
2:00pm. \$5. To register call Melissa
822-3811.

Science First! Lecture

Mountain Environments In The
Balance. Prof. Olav Slaymaker,
Geography. Wesbrook 100 from
12:30-1:30pm. Call 822-3336.

Peter Wall Institute Theme Development Workshop

Perspectives On Creativity: An Open
Discussion To Explore Potential
Research Agenda On Aspects Of
Creativity. Kate Collie, co-ordinator,
Institute of Health Promotion
Research. University Centre 307 from
12:30-2pm. Light lunch. To register e-
mail: kcollie@interchange.ubc.ca; call
822-0198.

Medieval And Renaissance

The Father's Witness (1): Patriarchal
Images Of Boys. David Lee Miller,
English, U of Kentucky. Green College
at 8pm. Call Paul Yachnin 822-4226;
822-1878.

Whole Body Fair Workshop

Power Of One: Self-Esteem—Focus
On Contributing Factors To Self-
Esteem And Empowerment. WIN
Peer Educators, Wellness Outreach.
Safer Campus Peer Educators. IRC G-
66 at 12:30pm. E-mail Judith Frankum
wellness.outreach@interchange.ubc.ca;
call 822-4858.

Biostatistics/SFU Seminar

Maximum Likelihood Estimation For
Seed And Pollen Dispersal Parameters.
Beatrix Jones, Statistics, U of
Washington. SFU, Math and Statistics
K-9509 at 3:30pm. Call 822-0570.

Computer Science Invited Speaker Seminar

Efficient Algorithms For Recognizing
Flexible Objects. Dan Hattenlocher,
Cornell U. CICS/CS 208 from 4-
5:30pm. Refreshments. Call 822-0557.

St. Mark's Chapel Cost Supper

Social Justice And Our Spiritual
Planning For Lent. St. Mark's Chapel
coffee room from 5:30-7pm. By
donation. E-mail: Father Jim O'Neill,
frjimo@compuserve.com; call
822-4463.

Career Services Employer Information Session

VOLT. Wesbrook 100 from 5:30-7pm.
E-mail: careers@interchange.
ubc.ca; call 822-4011.

School Of Music Opera

The Merry Wives Of Windsor. UBC
Opera Ensemble; UBC Symphony
Orchestra. Chan Centre from 8-11pm.
Continues to Feb. 13 from 3-6pm. \$18
adults; \$10 students/seniors. For
tickets call Ticketmaster at 280-3311 or
Chan Centre box office.

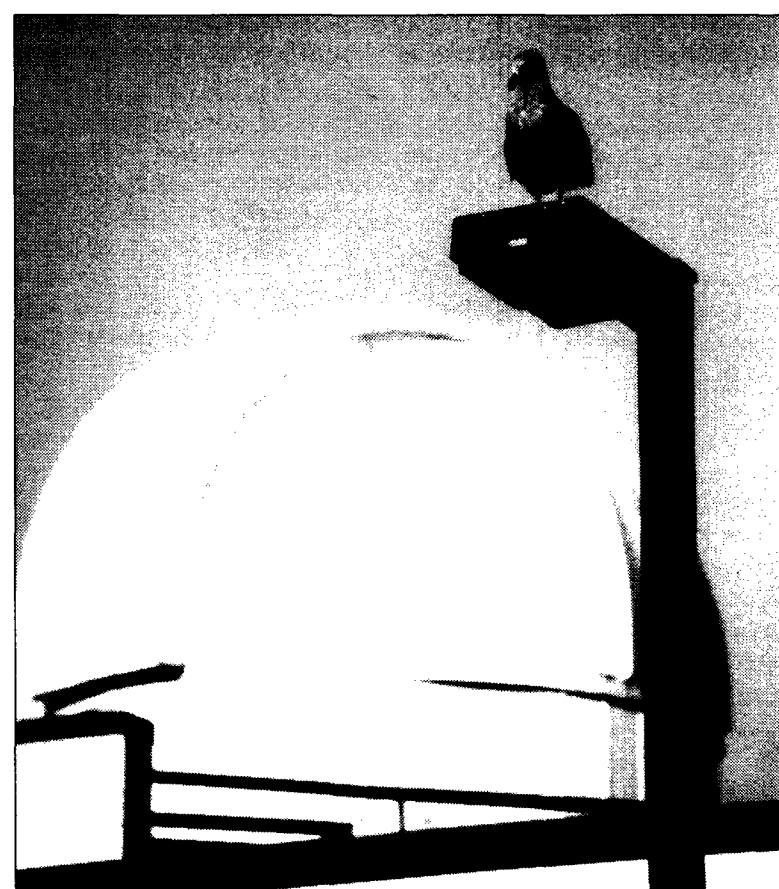
Medieval And Renaissance

The Father's Witness (2): Sacrifice,
Paternity, And Theater. David Lee
Miller, English, U of Kentucky. Green
College at 8pm. Call Paul Yachnin
822-4226; 822-1878.

FRIDAY, FEB. 11

Pediatric Grand Rounds

Go With The Flow: The Art And Trend
Of Home Ventilation. Dr. Robert
Adderley, Lisa Kwong. B.C.'s Children's
Hosp. GF Strong Aud. from 9-10am.
Call 875-2345 ext. 7449.



*A sentry perches near the observatory of the Geophysics
and Astronomy Building at 2219 Main Mall. The
observatory is open and free for tours and viewing by all
ages every clear Saturday night one hour past sunset (use
the south entrance to the building). Check
www.astro.ubc.ca for more information including what
you might spot in the sky this week. Dianne Longson photo*

Fish 500 Seminar

The Nexus Of Misfortune And
Conflict: The Management Of British
Columbia's Coho Salmon Crisis.
Charles Menzies, Anthropology. Hut
B-8, Ralf Yorke Room at 11:30am.
Refreshments at 11am. Call 822-2731.

Adidas Noon Run

Run for your (Love) Life Run. North
SUB Plaza from 12:30-1:30pm. To
register e-mail gill@intramurals.
ubc.ca; call 822-6000.

English Lecture

The Father's Witness: Patriarchal
Images Of Boys. David Lee Miller, U of
Kentucky. Buchanan Tower 599 at
12:30pm. Call 822-4225.

Whole Body Fair Workshop

Stress Eating - Focus On How Stress
Affects Eating And Ways To Reduce
Stress-Eating And Boost Energy
Levels. Jackie Gingras, Safer Campus
Peer Educators. IRC G-57 at 12:30pm.
E-mail wellness.outreach@
interchange.ubc.ca; call 822-4858.

Chemical And Biological Engineering Seminar

Electrostatic Charging In Fluidized
Beds. Alissa Park. ChemEng 206 at
3:30pm. Call 822-3238.

Thunderbird Women's Basketball

vs. University Of Manitoba. War
Memorial Gym at 6:15pm. Continues
Feb. 12. \$7 adult; \$4 youth/seniors; \$3
UBC students; children under 12 free.
Call 822-2473.

Chalmers Institute Seminar

Computer Courses Level 11. Rev.
Gordon Laird. VST from 7-9pm.
Continues Feb. 12 from 9am-3pm. \$50;
\$45 team; \$25 seniors. To register e-
mail: cl@vst.edu; call 822-9815.

Thunderbird Men's Hockey

Vs. University Of Saskatchewan.
Thunderbird Winter Sports Centre at
7:30pm. Continues Feb. 12. \$7 adult;
\$4 youth/seniors; \$3 UBC students;
children under 12 free. Call 822-2473.

Valentine's Dance

International House from 8pm-1am.
Admission \$3. E-mail: intl.services@
ubc.ca; call 822-5021.

Thunderbird Men's Basketball

Vs. University Of Manitoba. War
Memorial Gym at 8pm. Continues
Feb. 12. \$7 adult; \$4 youth/seniors; \$3
UBC students; children under 12 free.
Call 822-2473.

SATURDAY, FEB. 12

Peter Wall Institute Exploratory Workshop

Acoustic Ecology: Listeners And
Their Relationships To Sound
Environments. Various speakers.
University Centre 307 from 8am-5pm.
To register call 822-4716.

Vancouver Institute Lecture

Nature Wars: Pests vs. People. Prof.
Mark Winston, Biological Sciences,
SFU. IRC#2 at 8:15pm. Call 822-4636.



THE UNIVERSITY OF BRITISH COLUMBIA

2000 President's Service Award for Excellence 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 Ceremo-
nies Office, second floor, Ponderosa B, Campus Zone 2.

NEWS DIGEST

Award ante upped

The Michael Smith Awards for Science Promotion have been increased to \$10,000 for organizations and \$5,000 for individuals and will now be administered by the Natural Sciences and Engineering Research Council (NSERC).

The first in the new series of competitions for the awards was launched this month. Nomination instructions can be found at www.nserc.ca/msmith/en.

Started in 1994, the awards recognize achievement in developing science ability or encouraging popular interest in science. They are named after Smith, a professor emeritus of Biochemistry, who donated part of his 1993 Nobel Prize money to science promotion activities.

Submissions sought for fiction contest

Prism international, the magazine published by UBC's Creative Writing Dept., is calling for submissions to its 14th Annual Short Fiction Contest. It offers a grand prize of \$2,000 and five runner-up prizes of \$200 each. UBC alumnus Zsuzsi Gartner, author of *All the Anxious Girls on Earth*, will be the final judge of the manuscripts.

Entries must be typed and double-spaced on standard white paper, no longer than 25 pages and postmarked no later than Jan. 31. The entry fee is \$22 for one story, plus \$5 for every additional story.

Entries should be sent to *Prism international* Fiction Contest, Creative Writing Program, UBC, Buchanan E-462, 1866 Main Mall, Vancouver, B.C. V6T 1Z1.

Call for women of distinction

The YWCA of Vancouver is seeking nominations for the Year 2000 Women of Distinction Awards. The awards recognize women whose outstanding achievements contribute to the community.

Categories include: arts and culture; communication and public service; education, training and development; entrepreneur/innovator; health and wellness; management, the professions and trades; recreation, sport and active living; science, research and technology; voluntary community and humanitarian service; young women of distinction.

UBC is a sponsor of the voluntary community and humanitarian service category.

For a nomination form, please call (604) 895-5767 or visit www.ywcavan.org. Nominations must be received by March 1. The awards will be presented May 25.

classified

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Accommodation

TWO BR SUITE unfurnished garden level. Recently renovated. Quebec and 23rd. Avail. Feb. 1. \$900/mo. Call 856-4241.

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Vancouver's West side avail. March 1 for a single person. Fully furnished BR, large sitting area, private entrance, bath, laundry facilities, kitchen. Quiet attractive neighbourhood close to bus line, 10 min. drive to UBC. Quiet N/S. \$600/mo. Call 822-9370; 263-9777 eve.

LARGE ONE BR furnished fully

equipped suite. Feb. 1-May 31. Buses at door, 10 min. to UBC. \$1000 inc. heat, H/W, electric, cable, parking, w/d. Also, furnished room for mature lady. \$450. N/S. E-mail: brendaj@axionet.com; call 734-5734.

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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, BCom. CFP, RFP. E-mail: dproteau@hlp.fpc.ca or call 687-7526.

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for papers, essays and reports from undergraduate to post-graduate level. Work with an experienced, highly qualified writing consultant at Campus Edge Consultants. For an appointment call 222-2919 or visit www.campusedge.bc.ca for information.

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large den, enclosed patio, sunscreen roller blinds featuring roof top terrace, exercise room, hot tub, meeting room. Located on Richards Street close to all shops, Roundhouse Community Centre. Private sale. Call Elaine 684-3663.

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PLACING CLASSIFIED ADS

Deadline: for the Feb. 10 issue: 12 noon, Feb. 1.

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

Additional words: 50 cents each. Rate includes GST.

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



Please recycle.



MERRY MAKERS Music students Suzanne Abbott (left) and Sandra Stringer are the wives to Chad Louwerse's Falstaff in German composer Otto Nicolai's *Merry Wives of Windsor*. Performances of the farce, based on Shakespeare's comedy, take place Feb. 10-13 in the Chan Centre for the Performing Arts. Tickets for the production by Theatre UBC and the School of Music, are \$18, \$12 for students and seniors and are available through Ticketmaster. *James Glen photo*

Students play patient's role to train pharmacists

Playing the part is more than an act to students in a pharmacy practice lab

by Hilary Thomson staff writer

RAVE REVIEWS are greeting students in a new directed studies course in the Faculty of Pharmaceutical Sciences.

Twelve fourth-year students form a cast of costumed characters that appear regularly in the Pharmacy Professional Practice 300 lab. Making their entrances on crutches and wheelchairs, the students regale would-be pharmacists with fictional symptoms and drug-related problems.

The students are performing the role of standardized patient, a method of developing and testing students' ability to counsel patients.

Standardized patients are usually played by paid actors, but the faculty recruited students for the roles to help introduce peer teaching. This innovative method is found in few faculties of pharmaceutical sciences in North America.

Learning more about how to manage disease states was what

motivated fourth-year student Amita Kumar to get involved.

"Developing the case studies required a lot of research and integrating that information with my own knowledge from previous courses to create a fictitious patient was a challenge," she says.

With no previous acting experience, Kumar initially found the idea of performing in front of other students "a scary thought" but it became fun with a bit of practice, she says.

"The most important aspect of the project was that I was able to experience what it is like to be a patient rather than the pharmacist."

In addition to acting, the students were required to create the entire patient case, including a detailed description of the disease state, symptoms, personality, family history and social activities. They also evaluate their performance and the effectiveness of the peer teaching approach.

Each student played one of 12 characters for two hours a week for 12 weeks—all organized by lab coordinator Hilary Watson.

"The program offers dual learning," says Watson, a lecturer in the division of Pharmacy Practice. "It



Student and student as patient

cements the knowledge of the directed studies students while teaching new skills to the students in the lab."

The course builds on the success of another directed studies peer teaching program in the faculty originated two years ago by senior instructor Simon Albon. The program sees students lecturing, helping other students in the lab, advising and developing curriculum.

"It's more than just an extra pair of hands," says Albon. "We're using the course to test the hypothesis that peer teaching is a useful tool in building a learning community."

Honour Roll

David Barnes has been appointed the new director of Plant Operations in Land and Building Services.

Barnes has more than 20 years experience in facilities management. He is currently the superintendent of Facility Services for the Simcoe County District School Board in Ontario.

Barnes begins his appointment Feb. 1.

Mechanical Engineering Prof. **Clarence de Silva** has received the Education Award of the Dynamic Systems and Control Division of the American Society of Mechanical Engineers (ASME).

The award and \$750 US were presented to de Silva at the awards dinner of the International Mechanical Engineering Congress and Exposition held in Nashville, Tenn.

The award recognizes de Silva's seminal contributions to instrumentation and control education.

Two faculty members in the Dept. of Mathematics have received prestigious prizes in recognition of their outstanding research in Canadian mathematics.

Prof. **David Boyd** earned the Canadian Mathematical Society's Jeffery-Williams Prize. It is awarded for outstanding contributions to mathematical research. Boyd is the first UBC faculty member to win the prize.

Assoc. Prof. **Changfeng Gui** was awarded University of Montreal-based Centre de Recherches Mathématiques' André-Aisenstadt Mathematics Prize for 1999. The prize recognizes talented young Canadian mathematicians for their achievement in pure and applied mathematics research.

Microbiology Prof. Emeritus **Julian Davies** has received the 1999 Bristol-Myers Squibb Award for Distinguished Achievement in Infectious Disease Research.

Davies will receive \$50,000 US and a silver medallion in recognition of his contribution to the understanding of the evolution and function of mechanisms of antibiotic resistance.

He is the first Canadian to receive the award since the program began in 1977.

The Faculty of Medicine recently awarded two 1999 Distinguished Medical Research Lecturer awards to recognize research excellence in basic and clinical sciences.

Keith Walley, a professor in UBC's Dept. of Medicine and assistant head, Research, in the Dept. of Medicine at St. Paul's Hospital, gave the clinical sciences lecture.

Prof. **Gerald Krystal** of the Dept. of Pathology and Laboratory Medicine gave a lecture in basic sciences.

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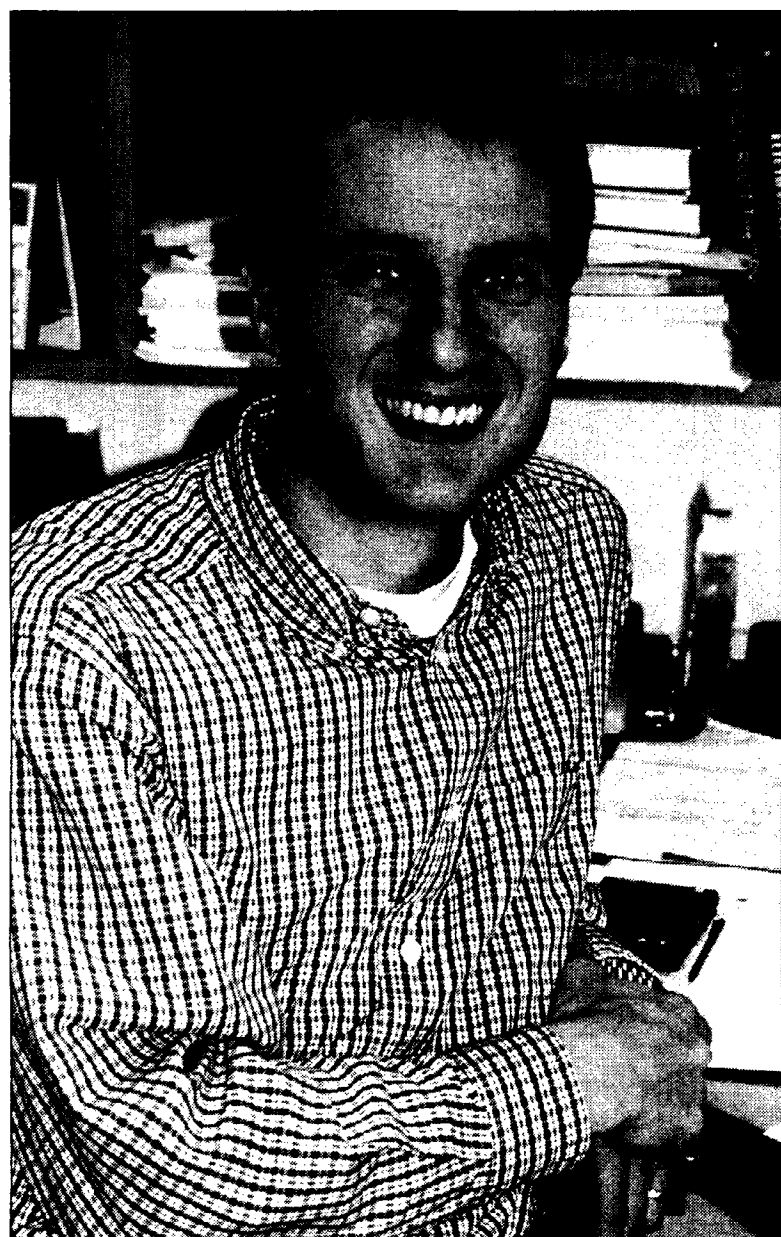
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Physics Asst. Prof. Andre Marziali's research is being used to speed up the analysis of DNA sequences. *Andy Poon photo*

Biophysicist comes home to conduct DNA research

Returning to UBC from Stanford was an easy decision says researcher Andre Marziali

by Andy Poon staff writer

AFTER ALMOST A DECADE south of the border, biophysicist Andre Marziali is glad to be back on his old stomping grounds.

The 33-year-old assistant professor in UBC's Physics and Astronomy Dept. returned to his alma mater last fall from Stanford University where he led a team of engineers and physicists in the development of an integrated, modular system for DNA sequencing.

For Marziali, who received his undergraduate science degree in Engineering Physics at UBC in 1989, the move of his young family back to the Lower Mainland was an easy decision.

"My wife and I are both from Vancouver and we really wanted to get back here," says Marziali, who has a five-and-a-half-year-old son and a four-year-old daughter. "Plus, there was a great career op-

portunity at UBC to teach and pursue my own research."

With 25 per cent of the province's university professors expected to retire within the next four years, the fact that Marziali has bucked the perceived trend of young university teachers and researchers fleeing to the United States is good news.

"The combination of the retirement bulge over the next decade with the brain drain to the U.S. and Eastern Canada from this province—caused primarily by the erosion of salaries in B.C. universities—will make the problem of recruitment and retention of outstanding scholars the major challenge for UBC," says Derek Atkins, associate vice-president, Academic Planning. "It is heartening then that despite this, the quality of UBC faculty and research is enabling us to attract quality people such as Marziali."

Marziali's modular system for large-scale DNA sequencing allows

researchers to dramatically speed up the laborious task of identifying numerous samples of DNA strands. Using devices that automatically perform many of the steps needed, Marziali is able to analyse up to 10,000 samples a day.

At present, he is working on adding another component to the system—the Thermocycler. He will use it in research at the B.C. Cancer Agency's Genome Sequence Centre headed by UBC Nobel laureate Michael Smith. The centre is the first research centre in Canada devoted to decoding human genes. It collaborates with laboratories worldwide on the International Human Genome Project whose goal is to decode all of the human genes by 2005.

At present, it costs up to 50 cents to sequence each DNA base. Marziali would like to see that reduced to a penny, thereby dramatically lowering the cost of genome research.

Model for outreach celebrates tradition

A Japanese national holiday is marked by students miles from home

by Bruce Mason staff writer

TRAYS OF SUSHI filled the tables and video cameras focused on beaming faces when UBC joined every city and town in Japan in staging Coming of Age Day Ceremonies recently.

For more than 50 students, thousands of miles from home, the special celebration in the Asian Centre was an opportunity to celebrate an important milestone—reaching majority. The event is also an example of why the unique UBC-Ritsumeikan Academic Exchange Program has become an award-winning model for international outreach.

"We thought it would be a nice touch to hold a Sei-jin-shiki ceremony, which is a national holiday in Japan," says Joe Greenholtz, executive director of the program. "We didn't want to exclude students who didn't turn 20 between April 3, 1999 and April 2, 2000, so we combined it with a Shin-nen-kai (New Year's) party."

Every year since 1991 when the program began, 100 second- and third-year students from Ritsumeikan University in Kyoto have been brought to UBC to live and study with an equal number of Canadians in an integrated academic and residential environment.

"Globalization and the information age are making international and intercultural experience more

important than ever," said Japan's Consul General Yuichi Kusumoto at the ceremony. "Be ambitious—work hard at learning English, which is an essential international language. Also become good citizens who take individual responsibility and don't rely on government and corporations."

In a recent poll of Japanese university presidents, Ritsumeikan was rated first in university exchanges, joint research with industry, and openness to mature students. It ranked second among all universities in Japan in education, research, curriculum and facilities.

UBC and Ritsumeikan students share apartments in the jointly financed Ritsumeikan-UBC House near Totem Park. Japanese students are further immersed in Canadian and campus culture through one-on-one exchanges with Canadian language partners and "buddies" as well as a variety of volunteer activities.

UBC earned a Scotiabank/Association of Universities and Colleges of Canada Award of Excellence for Internationalization for the program last year. Agreements have been signed for graduate students and faculty research exchanges and athletic partnerships. UBC will also benefit from being involved with the Ritsumeikan Asia-Pacific International University opening this year in Beppu, Japan.

Highlights of the UBC Coming of Age celebration will be shown in Japanese on the community access station, channel 20 at 10:30 a.m., Jan. 29.

Medicine seeks public input to future plans

The Faculty of Medicine consults the community for guidance in building the future of health care

COMMUNITY FEEDBACK is the next step for the Faculty of Medicine as it puts together its strategic plan for the year 2000 and beyond, Strong Medicine: Helping Build Tomorrow's Health Care.

"We're asking community leaders to give us guidance in relating to government and the public," says Dean of Medicine John Cairns. "Our mission as a faculty is very much tied to the people of B.C. and our health-care system so we are eager to consult with this constituency."

The faculty has created a community advisory committee that represents a broad spectrum of business and labour interests and includes economist Jock Finlayson, former UBC dean of Commerce Michael Goldberg and Vancouver Hospital board member and UBC benefactor Brenda McLean.

Their feedback will be added to responses gathered last fall from the campus community, hospitals, professional associations, alumni and the biotechnology industry. The committee will continue to

provide advice as the plan is implemented starting this spring.

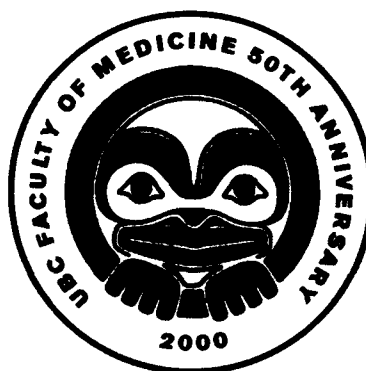
Budget concerns, changing public expectations, opportunities to secure increased federal funding and a looming shortage of B.C. doctors and other health professionals were some of the factors that led the faculty to develop a formal vision, says Cairns. Launching the plan this year also ties in well with the faculty's 50th anniversary, he adds.

The plan contains six goals, three of which are destination goals that describe the faculty's vision of the future and three that are enabling goals or milestones on the way to the destination.

Various strategies have been identified to reach each of the goals which are supported by the values of excellence, integrity, discovery, people, learning and partnership.

Destination goals are: achieving national and international leadership in education; becoming the most effective health research centre in Canada and bringing current health knowledge and skills to the service of B.C. residents.

"Achieving these goals in the face of falling resource allocations is a significant challenge," says Cairns. "But we need to lay the groundwork now so we're ready when B.C. moves ahead in taking



greater responsibility for educating its future health professionals."

A key goal that will enable the vision is long-term financial stability, says Cairns. Getting Ministry of Health funding for educational activities that are directly related to the health-care system will be a crucial strategy.

Other strategies include developing operational efficiencies and a mission-based budget where only activities that contribute to the mission are funded.

Another goal is an academic health sciences network comprising the faculty, major teaching hospitals, health-related institutions and community agencies.

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MORE INFORMATION
The draft strategic plan can be viewed on the faculty's Web site at www.med.ubc.ca.