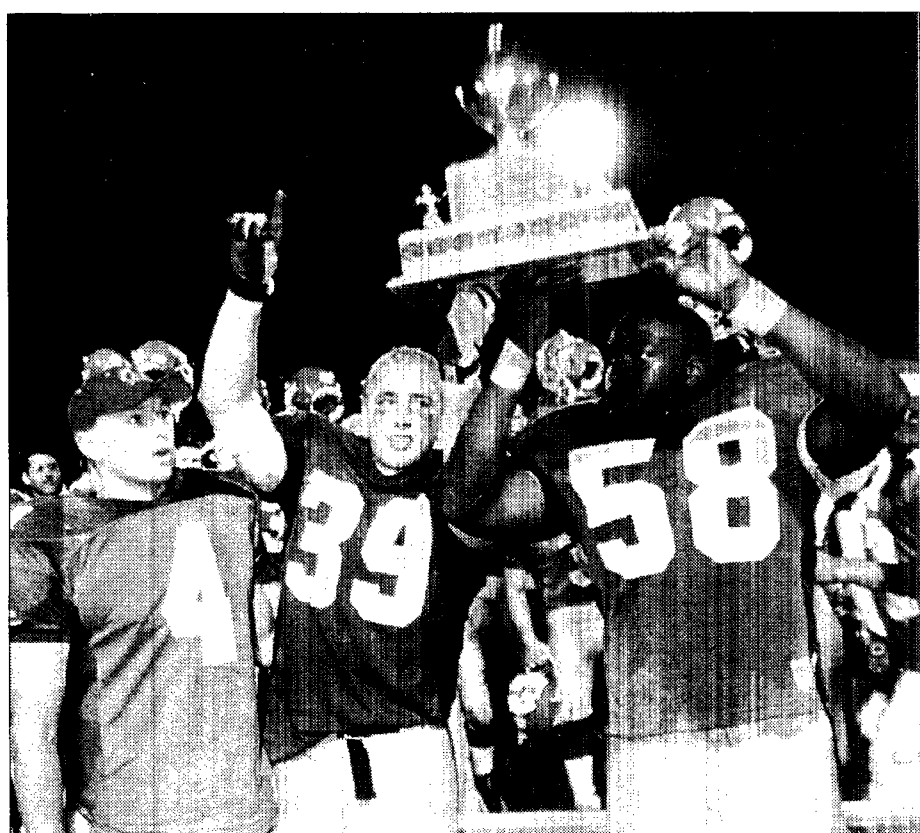


UBC REPORTS

Volume 44, Number 16

Oct. 1, 1998

Find UBC Reports on the Web at www.publicaffairs.ubc.ca

Richard Lam photo

We Won!

T-Bird team-mates (l-r) quarterback Shawn Olson, and linebackers Dan Elliot and Alex Charles hold the Shrum Bowl proudly aloft after defeating SFU Clansmen 11-9 in the annual cross-town football match. The victory, played before a crowd of more than 4,000 fans, evens the score to 10 wins each and one tie for the longtime rivals.

Knowledge is key to B.C.'s economy: report

by Susan Stern

Staff writer

UBC Commerce Prof. Michael Goldberg says the expansion of knowledge-based industries and tourism is the keystone to pulling B.C. out of its current economic turmoil.

"I have no doubt that British Columbia has a very rosy future and can compete globally," Goldberg says. "But people have to stop hoping that resource prices will rise and their jobs will return."

Goldberg's views are presented in a discussion paper recently released by the Business Council of British Columbia. Called *The British Columbia Economy into the Millennium: Perspectives and Possibilities*, the paper proposes new opportunities for moving the B.C. economy forward.

All industries now are knowledge-based, says Goldberg, making investing in people and ideas essential to transforming the provincial economy.

"In making goods today the primary input is technical knowledge and know-how rather than physical input," Goldberg says. "In forestry, for example, the fibre is relatively less important than the technical knowledge needed to harvest it and sell it globally."

Eighty per cent of Canada's workforce is involved in producing and providing services, he says. That includes every-

thing from information technology, education, financial markets, the media, entertainment, travel and tourism to the scheduling and tracking of the transportation of lumber and other resources.

A study by the B.C. Technology Industries Association indicates that 57,000 people now work in computer, engineering, scientific and related services in the province with revenue of \$7.5 billion in 1997.

"Lifelong learning is not an option – it's a necessity," he says. "As a society we must invest in the basic skills of literacy, numeracy and analytical power if we are to succeed."

While B.C. continues to attract students from abroad seeking educational opportunities in the province, it has to do a better job educating its own, Goldberg says.

With one of the highest drop-out rates in Canada, and 70 per cent of B.C. students failing to go on to post-secondary education, the province has an enormous challenge for the future, he says.

In addition to their role in helping to educate B.C.'s future citizens, UBC and other post-secondary institutions create opportunities for knowledge-based manufacturing, according to the report.

Through its University-Industry Liaison Office, UBC has played a role in investing more than \$10 million to foster

See **KNOWLEDGE** Page 2

UBC sweeps Science Council's six awards

UBC volunteers, educators, innovators, and leaders fill the ranks of this year's Science Council of B.C. award recipients.

Six out of the six awards to be presented at the Science Council's annual dinner Oct. 22 will go to UBC faculty members, an alumnus and an educational program.

UBC Prof. Ian Affleck, a condensed matter physicist, won the 1998 B.C. Science and Technology Award for New Frontiers in Research.

Affleck is working on understanding the problem of materials in which the interactions between the electrons, which cause superconductivity, are important.



Affleck

Superconducting materials have applications in fields as diverse as medicine, computing and transportation.

Affleck's theoretical studies of electron-electron interactions are helping to bring the era of high-temperature superconductors much closer.

The Volunteer of the Year Award goes to Maria Issa, a clinical assistant professor in

UBC's Dept. of Pathology and Laboratory Medicine. For more than 10 years, Issa has helped create and deliver programs to motivate young women to consider careers in science and technology.



Issa

She participates in virtually all of the Society for Canadian Women In Science and Technology. See **AWARDS** Page 2

Alumnus starts bursary for First Nations students

Former UBC student Evan Adams is getting rave reviews and not just for his acting.

Using proceeds from a benefit screening of his latest movie, *Smoke Signals*, Adams has established a bursary in his name for other First Nations health sciences students to pursue their studies.

Adams, who is from the Sliammon First Nation of the Coast Salish people, completed his pre-med courses this year and has been accepted to the medical school at the University of Calgary.

"I don't know how I would have made it through UBC without the support of the First Nations House of Learning," Adams says.

The First Nations House of Learning and the First Nations Health Careers

(FNHC) division helped him incorporate an aboriginal perspective into his courses at UBC, he says.

Adams has been acting for about 15 years and is also a professional playwright.

Smoke Signals is about two friends who leave their reservation on a long road trip where they learn about themselves and the world off the reservation. The film is being shown at theatres in Vancouver and

across North America.

Those wishing to contribute to the Evan Adams Health Sciences Bursary can contact Doreen Hughes at (604) 822-2115.



Adams

Inside

Metal Marvel

3

Could a little-known element help cure cancer and diabetes?

Great Grads

8

A philanthropist and two recent graduates are among the honoured

"DNA...the hereditary material of life"

TONY GRIFFITHS

UBC GENETICIST; Genetics Society of Canada's 1997 Award of Excellence

Think About It.

UBC RESEARCH
www.research.ubc.ca

Awards

Continued from Page 1

nology (SCWIST) programs, including one which enables female college students to meet women already in the workforce.

Issa also volunteers in the Scientists and Innovators in the Schools program.

Former TRIUMF director Erich Vogt won the Science Council Chairman's Award for Career Achievement.

One of Canada's best known nuclear physicists, he was TRIUMF's director from 1981 to 1994. He continues to conduct research and teaches first-year physics at UBC as a volunteer.

The first Business/Education

Partnership Award goes to Engineering Assoc. Prof. Mike Jackson and Burnaby-based Thomas & Betts-Photon Systems Inc., a designer and manufacturer of fibre optic systems.

Jackson and his students in UBC's Ultrafast Electronics and Fibre Optics Laboratory began collaborating with the company in 1994.

UBC Engineering alumnus Glenn Fawcett is the winner of the B.C. Science and Technology Award for Industrial Innovation.

Fawcett, senior director of advanced systems for Vancouver-based Glenayre R&D Inc., has been involved in some of

B.C.'s most impressive telecommunications innovations.

Two systems he engineered have helped make Glenayre B.C.'s largest high-tech company.

YES Camps are this year's winners of the Eve Savory Award for Science Communication.

Student-run, university-based YES (Youth Engineering and Science) Camps aim to develop an enthusiasm for science, engineering, technology and mathematics in young people. In B.C., camps take place at UVic, SFU, UBC and the University College of the Cariboo.

The award recognizes UBC alumna Eve Savory, who reports on science for CBC Television.

Knowledge

Continued from Page 1

71 spin-off companies. Bringing UBC technology to market has helped create thousands of jobs and tens of millions of dollars more in investment, Goldberg says.

Tourism is another burgeoning area.

The phenomenal growth of Whistler, the convention and cruise ship industries demonstrate a strong future for high-value tourism, the report says.

The B. C. economy of the future will continue to have a strong resource sector, says Goldberg, but industries need to capitalize on their market advantages.

Goldberg says the province could develop a strong niche market for a premium brand of B.C. lumber based on strength, straightness, absence of knots and packaging which exceeds any existing standards.

"When you know what the customer wants you can give it to them and raise the price," he says. "That's what Gucci does. That's innovation."



Intercultural Studies at UBC

Take your professional expertise and extend it to work more effectively with people from many cultures. The UBC Certificate in Intercultural Studies provides focused skills development that combines face-to-face workshops with online coaching. Topics include:

Foundations of Intercultural Studies.....	Oct 16-17
Intercultural Negotiation.....	Nov 6-7
Intercultural Communication Skills.....	Dec 4-5
Managing Intercultural Teams.....	Jan 8-9
Intercultural Problem-Solving and Advising.....	Mar 26-27
Ensuring Success in International Assignments.....	May 14-15

"Practical training with a flexible schedule that is ideal for people already working in the field. The experience, knowledge and style of the facilitators make this program an excellent one."

Shaheen Nanji, International Projects, SFU

Call 604-822-1437

<http://cic.cstudies.ubc.ca>

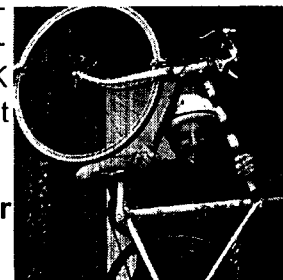
UBC TREK
"Leading the Way"

Public Meeting

University Boulevard Bike Path Improvements October 6th, 1998 at the University Chapel located at 5375 University Boulevard

Hey!

Do you get unruly bruises from cycling that pavement jigsaw puzzle they call University Boulevard Bike Path? If you would like to help us change the route from *path(etic)* to a respectable *path* then come out on October 6th and have **your** say. The UBC Trek Centre is holding a public meeting at the University Chapel 5375 University Boulevard. Doors open at 7:00 pm. Gord Lovegrove, UBC's Director of Transportation Planning, will present proposed improvements at 7:30 followed by discussions. For more info call 827-TREK or check out the website at www.trek.ubc.ca



Be there or forever have your bottom bruised!

Edwin Jackson

224 3540

There is no duty we so much underrate as the duty to be happy. *Robert Louis Stevenson*

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There's something we'd like you to think about

UBC's First Annual General Meeting

You're invited to join UBC President Dr. Martha Piper and the Board of Governors at UBC's first-ever Annual General Meeting. This will be an opportunity for the community to learn more about UBC's accomplishments and highlights over the past year, as well as our financial position.

Downtown Vancouver

Date: Thursday, Oct. 22, 1998

Time: 11 a.m. - 12 p.m.

Place: Robson Ballroom,
Robson Square Conference Centre
800 Robson St.
Parking available (Howe and Nelson St. Entrance)

UBC campus

Date: Tuesday, Nov. 3, 1998

Time: 12 p.m. - 1 p.m.

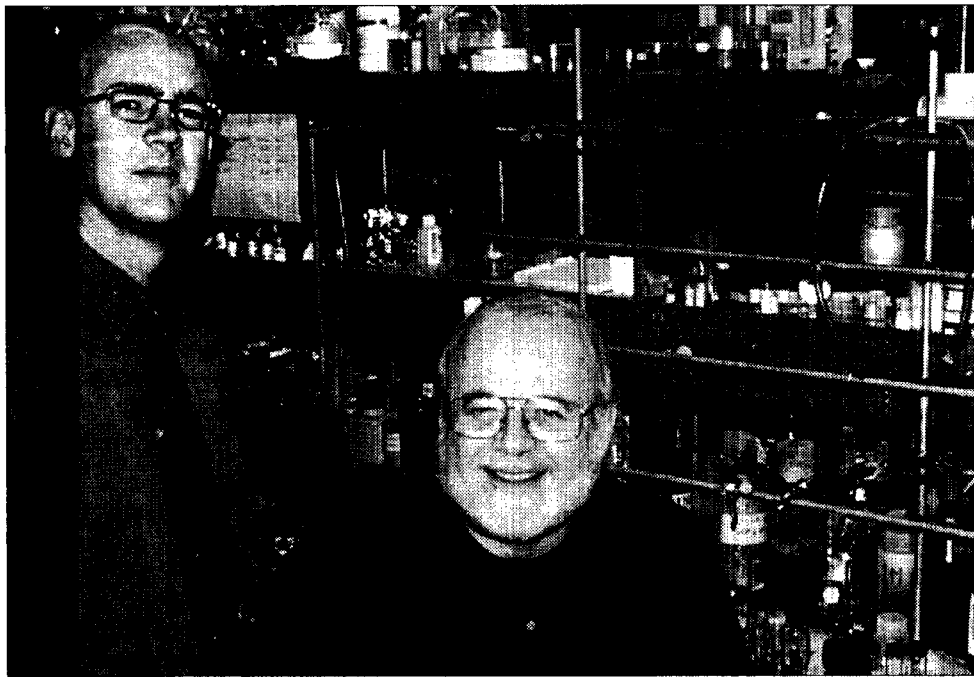
Place: Chan Centre for the Performing Arts,
6265 Crescent Rd.
Parking available (Rose Garden Parkade off Northwest Marine Drive)

Please RSVP by Oct. 12, 1998 to UBC-INFO (822-4636)

Think About It.



THE UNIVERSITY OF
BRITISH COLUMBIA



Hilary Thomson photo

Chemistry Prof. Chris Orvig (left) and Prof. John McNeill of Pharmaceutical Sciences paired up to help develop compounds of the element vanadium that may help combat both diabetes and cancer.

Zoologist, curator join 25-year service ranks

by Hilary Thomson

Staff writer

When Zoology Prof. John Gosline looks back over his 25 years at UBC, he sees a common denominator. Slime.

"My first grad student studied slug slime and one of my current students is researching hagfish slime," he says. "But that's about the only thing that hasn't changed."

Gosline is one of 44 UBC faculty and librarians being inducted into the Quarter Century Club, a group whose members have 25 or more years of service at UBC.

When he arrived at UBC in 1973 after completing post-doctoral work at the University of Cambridge, Gosline taught cell biology and biochemistry to second-year students.

He now directs the new Integrated Sciences Program where third-year students and faculty develop a unique interdisciplinary major based on the student's career objectives.

Gosline has also developed a research career in molecular biomechanics that has earned him a place in the Royal Society of Canada — one of the highest honours in the Canadian academic community.

He studies structural biomaterials such as horses' hooves and elastin — the rubbery protein which makes up arteries. Information about these materials offer clues that can help solve biomedical and engineering problems.

A current project involves cloning spider silk, a substance renowned for its strength and stretchability, with a view to manufacturing silk-based structural materials such as biodegradable plastics.

But it isn't research that Gosline cites as a highlight of his time at UBC.

"Interacting with the students has always been the bright spot," he says. "It's been a wonderful privilege."

For Assoc. Prof. Marjorie Halpin, curator of Ethnology at UBC's Museum of Anthropology, moving the collection was the high point of the last 25 years.

"We were in boxes in the basement of the Main Library for years," she says. "We weren't even aware of what we had until we got to the new museum in 1976."

Halpin was introduced to Northwest

Coast art while working as an instructor at the Smithsonian Institution. She came to UBC in 1968 as a doctoral student and studied the art of the Tsimshian and their neighbors on the Nass and Skeena rivers of B.C.'s northern coast. Her work has focused on crests, masks and totem poles.

In addition to her duties as curator, Halpin is an associate professor in the Anthropology and Sociology Dept.

This year she redesigned a third-year course, the Anthropology of Art, to teach it in a computer lab with art resources found on the Internet.

"This is the first year I've taught a whole course using an electronic base of information," she says. "Twenty-five years ago, I never suspected I'd be teaching this way."

This year's new Quarter Century Club members will be inducted Oct. 15.

They include: **Agricultural Sciences:** Arthur Bomke, Soil Sciences; **Applied Science:** Donald Mavinic, Civil Engineering; Hermann Dommel, Mabo Robert Ito, Electrical Engineering; Anne Wyness, Nursing; **Arts:** Marjorie Halpin, Anthropology and Sociology; Daniel Overmyer, Kenichi Takashima, Asian Studies; Christopher Friedrichs, Peter Ward, History; Dale Kinkade, Linguistics; Gregory Butler, James Fankhauser, Robert Silverman, Music; Stanley Coren, Arthur Hakstian, Lawrence Ward, Psychology; David Freeman, Social Work; **Commerce and Business Administration:** John Claxton; **Education:** J. Donald Wilson, Educational Studies; Alex Carre, Edward Rhodes, Human Kinetics; **Forestry:** Laszlo Paszner, Wood Science; **Graduate Studies:** William Neill, Fisheries Centre; **Law:** Robert Diebolt, Anthony Hickling; **Library:** Linda Joe, Asian Library; **Medicine:** Mary Todd, Anatomy; Richard Barton, Peter Candido, Biochemistry; Moira Mowa Yeung, Medicine; John Benedet, Basil Ho-Yuen, Obstetrics and Gynecology; Margaret Pendray, Pediatrics; **Science:** Robert DeWreede, Fred Ganders, Botany; Thomas Brown, Earth and Ocean Sciences; James Carrell, Brian Seymour, Mathematics; Gerald Weeks, Microbiology; Philip Gregory, Michael Masinoff, Physics and Astronomy; John Gosline, James Smith, Zoology.



Halpin



Gosline

Scientists pit element in cancer, diabetes fight

by Hilary Thomson

Staff writer

It can strengthen steel, shrink tumors, sink sugar levels and for almost 14 years it's been the focus of research for Chemistry Prof. Chris Orvig and Prof. John McNeill of the Faculty of Pharmaceutical Sciences.

What is this versatile substance? It's called vanadium — a naturally occurring element traditionally used to make steel alloys.

The two researchers recently received Natural Sciences and Engineering Research Council of Canada (NSERC) grants of more than \$700,000 to continue their investigations of vanadium for the next three years.

"The grants will help us develop vanadium compounds to the point where we can test their effectiveness on people, both diabetics and cancer patients," says McNeill, a former dean of the Faculty of Pharmaceutical Sciences.

Since the early '80s, he has been studying how vanadium compounds can help combat diabetes.

Diabetes is characterized by excessive blood glucose levels. It occurs when there is a drop in the amount of insulin produced in the body or a decrease in cells' response to insulin.

Defects in the cells of fat tissues, skeletal muscle and the liver interfere with the pathway of chemical signals that tell the body how to process glucose.

McNeill found that vanadium compounds could correct the defective signalling pathways and increase the cells' response to insulin, which would aid normal processing of sugar in patients with diabetes.

In laboratory testing, he also found that vanadium could reduce high blood pressure and extreme overweight, both effects of the disorder.

There was just one problem — vanadium was not easily absorbed into tissue. That's when he called Orvig, who is director of the Medicinal Inorganic Chemistry Group, an interdisciplinary UBC research team.

Orvig was able to increase the compound's absorption rate by chemically binding vanadium to maltol, a food addi-

tive, and to other organic chemicals. The body can process the resulting compounds more efficiently because of their organic components.

They are also more potent and less toxic because less of the chemical is required to produce the same effect.

The anti-diabetic compounds that McNeill and Orvig invented were licensed to Kinetek, a UBC spin-off biotech company specializing in therapeutics based on modifying signalling pathways. The two researchers will continue to work with Kinetek in developing the compounds, supported in part by the recent NSERC grant.

Kinetek expects to apply for clinical trials testing of vanadium compound therapies for diabetes before the end of the year.

The compounds synthesized by Orvig have also been the focus of collaborative research with Angiotek, a pharmaceutical company that develops treatments for cancer and chronic inflammatory diseases.

Researchers found that vanadium compounds could block the pathway that leads to the uncontrolled cell growth and division seen in cancer.

"The beauty of the vanadium compounds is that they act on different biological targets than have been used before," says Orvig.

DNA and RNA are typical targets of more traditional chemotherapies. The chemicals break up DNA and RNA molecules, making cells non-functional and unable to grow. Drugs containing vanadium, however, zero in on the signalling pathways to change the communication within cells, especially tumor cells.

Pre-clinical studies showed the vanadium-based agents to be particularly effective in reducing some types of lung tumors. An important feature is their effectiveness against tumor cells resistant to other anti-cancer drugs.

In addition, research suggests that vanadium compounds do not cause suppression of the immune system, a side effect of conventional chemotherapies.

Orvig, together with Angiotek, will continue to develop vanadium compounds.

Campus welcomes alumni back Oct. 17

Vintage cars, concerts, campus bus tours and lectures by some of UBC's best highlight the second annual Alumni Day at UBC to be held Oct. 17.

A combination of homecoming and open house, the day welcomes back alumni from all over the Lower Mainland to see how UBC has changed since their days on campus.

The day begins at 10:00 a.m. at the Chan Centre for the Performing Arts with cinnamon buns, coffee and a chance to meet some of UBC's 12 deans.

UBC President Martha Piper will welcome guests, and the UBC Symphony will perform.

The *UBYSSEY*, UBC's student newspaper, which this year celebrates 80 years of publication, will display favourite front pages in the lobby.

Campus bus tours will operate all day long from the Flagpole Plaza to show off UBC's new buildings.

The Koerner Library will hold World Wide Web workshops starting at noon and running every hour on the hour. Both novices and old pros will be able to pick up pointers on how to traverse the Web to find what they want.

Donna Logan, director of UBC's new Sing Tao School of Journalism, will speak at a special lunch at Green College on "Good News, Bad News: What Kind of Job is the Media Doing?"

Some of UBC's best teachers will be on hand in the afternoon to give lectures: Medical Genetics Prof. Dr. Patricia Baird will give a talk entitled "Hello Dolly: The Implications of Cloning; Commerce Assoc. Prof. Wayne Norman will speak on "Corporate Partnerships: A Moral Dilemma for UBC?"; popular author and psychologist Prof. Stanley Coren will take a look at "People and Dogs: A Shared Life;" and political scientist Prof. Paul Tennant discusses "All About Treaties: What They Mean to B.C."

The Museum of Anthropology will offer free admission to grads. The Belkin Art Gallery, with an exhibition of work by Fine Arts graduates, is open by donation.

The day concludes with a Malt Beverage Garden at Cecil Green Park House with live music.

For more information, call the Alumni Association at (604) 822-3313.

Calendar

Oct. 4 through Oct. 17

Sunday, Oct. 4

Chan Centre For The Performing Arts Concert

Maria De Buenos Aires. Gidon Kremer, violin. Chan Centre Chan Shun Concert Hall at 8pm. Call Chan Centre ticket office 822-2697 or Ticketmaster 280-3311.

Monday, Oct. 5

Chemoprevention Group Seminar

Recent Progress In Chemoprevention Trials. Charles Boon, National Cancer Institute. B.C. Cancer Agency first floor, John Jambor Room from 1:30-2:30pm. Call Dr. Kirsten Skov 877-6098 ext. 3021.

Institute Of Applied Mathematics Colloquium Series

New Self-Similar Blow-Up Solutions Of The Nonlinear Schrödinger Equation. Prof. Chris Bud, U of Bath. CSCI 301 at 3:30pm. Call 822-4584.

Astronomy Colloquium

The Ages Of Globular Clusters And Field Stars. Frank Grundahl. Hennings 201 at 4pm. E-mail dscott@astro.ubc.ca.

Member Speaker Series

Billionths And Billionths: Kaons And Other Exotic Subatoms. Paul Bergbusch, Physics/High Energy Physics. Green College at 5:30pm. Call 822-1878.

Thematic Lecture Series

Research In Intelligent Machines. Devendra Garg, Duke U. Green College at 7:30pm. Call 822-1878.

St. John's College Speaker Series

Aboriginal Rights To Water And The Legacy Of Colonialism. Kenichi Matsui. St. John's College 1080 at 8pm. Call 822-8788.

Tuesday, Oct. 6

UBC Teaching Community Seminars

A Learning-Centered Approach To Course Design. David Lam basement seminar room from 9-11:30am. To register call 822-9149.

Botany Seminar

The Interaction Between Megagametophyte And Embryo In Germinated Loblolly Pine Seeds Is A Two-Way-Street. David J. Gifford, U of Alberta. BioSciences 2000 from 12:30-1:30pm. Call 822-2133.

Microbiology And Immunology Seminar

Receptors 'R' Us: Turning On B Cells. Mike Gold. Westbrook 100 from 12:30-1:30pm. Refreshments. Call 822-3308.

Health Sciences Lecture
The Real Ethics Of Rationing: Putting Patients Last? Prof. Donald Light, Centre for Bioethics, U of Pennsylvania. IRC #4 from 12:30-1:30pm. Call 822-3737.

Lectures In Modern Chemistry

Metallacrowns: Not Just Another Crown Ether. Prof. Vincent L. Pecoraro, U of Michigan. Chemistry B-250 (south wing) at 1pm. Refreshments at 12:40pm. Call 822-3266.

Next deadline:
Noon, Monday, Oct. 5

Mechanical Engineering Seminar

Laboratory Modelling Of Complex Fluid Flows In Industrial Processes. Darwin Kiel, president, Canada Research and Development Corp. CEME 1202 from 3:30-4:30pm. Refreshments. Call 822-3770.

Peter Wall Institute Complexity Seminar

Rosby Waves In A Stochastic Medium. Adam Monahan, Earth and Ocean Sciences. Hennings 318 at 3:30pm. Call 822-3620.

Health Sciences Panel Discussion

On What Bases Should We Be Making Health-Care Allocation/Rationing Decisions. Various speakers. IRC #5 from 4:30-6pm. Call 822-3737.

Green College Speakers Series

Globalization And Local Culture: Relations Of Property And The State In China. Pitman Potter, Law. Green College at 5:30pm. Reception from 4:45-5:30pm. Call 822-1878.

Artist's Talk

The Art Of Archaeology In Costa Rica. Lance Belanger. MOA Theatre Gallery at 7:30pm. Call 822-5087.

Wednesday, Oct. 7

Orthopedics Grand Rounds

The Orthopedic Manifestations Of Charcot-Marie Tooth Disease. Christopher Reilly; Christine Alvarez; Kathryn Selby. Vancouver Hosp/HSC, Eye Care Centre Aud. at 7am. Call 875-4192.

Music Concert

Wednesday Noon Hours. Michael Strutt, guitar. Music Recital Hall at 12:30pm. Admission \$3 at door. Call 822-5574.

Geography Colloquium Series

Medieval Maps And Postcolonial Sensibilities. Or What's A Kid To Colour Today? John Willinsky. Language Education. Geography 229 from 3:30-5pm. Call 822-2663.

Institute Of Asian Research Seminar

Canadian Corporations And Social Responsibility. Roy Culpeper, North-South Institute. CK Choi 120 from 4-5:30pm. Call 822-2629.

Respiratory Research Seminar Series

Controversies Re: Use Of Long-Acting B2 Agonists In Asthma. Dr. Malcolm Sears, Medicine, McMaster U. St. Paul's Hosp. Gourlay Conference Room from 5-6pm. Call 875-5653.

Health Sciences Forum

Health Sciences Student Research Forum. Kelly Bannister, Botany; Steve Morgan, Economics. IRC #4 from 5-8pm. Call 822-3737.

Individual Interdisciplinary Studies Graduate Program

Are You Inter-, Trans-, Cross-, or Multi-Disciplinary. Rhodri Windsor-Liscombe, chair. Green College at 5pm. Call 822-1878.

UBC International Seminar

China: The Order And Inner Logic Of Chinese Popular Religion. Prof. Dan Overmyer, Asian Studies. St. John's College 1080 at 5:15pm. Call 822-8788.

Engineering/Architecture Continuing Education

Legal Issues For The Construction Industry. Various speakers from Bull Housser & Tupper. CEME 1202 from 6:30-9:30pm. Continues to Nov. 25. \$460 includes

notes, lunch and certificate. Call 822-3347.

Thursday, Oct. 8

Chan Centre For The Performing Arts Concert

UBC Symphonic Wind Ensemble. Martin Berinbaum, director. Chan Centre Chan Shun Concert Hall at 12:30pm. Call 822-5574.

Biodiversity And Conservation Seminars

Effect Of Forest Practices On Carabid Beetle Diversity In British Columbia. Suzie Lavallee, Zoology/Centre for Biodiversity Research. Hut B-8, Ralf Yorke Room at 12:30pm. Bring your lunch. Call 822-5937.

Health Sciences Competition

Health Care Team Clinical Competition. Student demonstration of assessment and management of problem case. IRC #2 from 12:30-2pm. Call 822-3737.

Asian Law Speaker

The New Thai Constitution: Curbing The Military And Corruption. Dean Borwornsak Uwanoo, Law, Chulalongkorn U. Curtis 176 at 12:30pm. Call 822-2335.

PATSCAN Fall Seminar

How To Best Acquire, Protect And Extract Value From Trademarks In The Canadian And International Marketplace. Dean Palmer, intellectual property lawyer. Angus 425 at 1pm. Seminar and question period. Call 822-5404.

Physics And Astronomy Colloquium

Ultrapure Semiconductors - From Characterization To New Physics. Mike Thewalt, SFU. Hennings 201 at 4pm. Refreshments. Hennings 325 at 3:45pm. Call Ian Affleck 822-2137; Jeff Young 822-3631.

St. John's College Speaker Series

Is Forecasting El Niño The Scientists Gift To The 21st Century? Michael Glantz, National Center For Atmospheric Research. St. John's College 1080 at 5pm. Call 822-8788.

First Nations Discussion Circle

A Discussion On Her Interdisciplinary Film, Video, Installation, And Performance Work In The Context Of Lakota History. Dana Claxton, interdisciplinary artist and film/video maker. Green College at 5pm. Call 822-1878.

Faculty Women's Club Lecture

TBA. Right Hon. Kim Campbell. IRC #6 at 8pm. Admission by donation to Faculty Women's Club's Scholarship Fund. E-mail: bullen@math.ubc.ca.

Engineering/Architecture Continuing Education

Life Safety Systems Testing And Maintenance. Stuart Affleck, Vancouver Fire and Rescue Service; Ark Tsisserev, Permits and Licences Dept., City of Vancouver. Firefighters' Banquet Hall from 8am-5pm. \$200 includes notes, lunch and certificate. Call 822-3347.

Friday, Oct. 9

Health Care And Epidemiology Rounds

The Global Aids Epidemic: Bad Behavior, Bad Luck Or Bad Governments? Mark Tyndall, McMaster U. Mather 253 from 9-10am. Paid parking available in Lot B. Call 822-2772.

Pediatric Grand Rounds

Working On Social And Economic Determinants Of Child And Youth Health. Cindy Carson, B.C. Pediatric Society. GF Strong Aud. from 9-10am. Call Ruth Giesbrecht 875-2307.

Fish 500 Seminars

Decadal Changes In Growth And Recruitment Of Pacific Halibut And Their Effects On Stock Assessment. Ana Parma, International Pacific Halibut Commission. Hut B-8 Ralf Yorke Room at 11:30am. Call 822-4329.

Germanic Studies Lecture

Austrian Theatre Of The Present Day. Prof. Hilde Haider-Pregler, U of Vienna. Buchanan B-318 from 12:30-1:30pm. Call 822-6403.

Canadian Studies Talk

Mondo Canuck. Geoff Peve; Greig Dymond, author. Buchanan Penthouse at 12:30pm. call 822-1878.

Physical Chemistry Seminar

Modelling Of The RF Plasma Source. Claudio Chuaqui, Chemistry. Chemistry D-225 (centre block) at 4pm. Call 822-3266.

Thunderbird Football

Vs. University Of Alberta. Thunderbird Stadium at 7pm. Adults \$7; youth/seniors \$4; UBC students \$3; children under 12 free. Call 822-BIRD.

Chan Centre For The Performing Arts Concert

UBC Symphonic Wind Ensemble. Martin Berinbaum, director. Chan Centre Chan Shun Concert Hall at 8pm. Call 822-5574.

Tuesday, Oct. 13

Botany Seminar

Cell Plates In Tobacco, Delicate Structures And Their Disruption By Caffeine: A New View Of Plant Cytokinesis. Lacey Samuels, U of Colorado. BioSciences 2000 from 12:30-1:30pm. Call 822-2133.

Microbiology And Immunology Seminar

Characterization Of Bactenecin: A Small Cationic Peptide. Manhong Wu. Westbrook 100 from 12:30-1:30pm. Refreshments. Call 822-3308.

Program In Inter-Cultural Studies In Asia Seminar

Brother Cobra. Mother Bitch: Ethics And Ecology In Marathi Women's Story-Telling. Vidyut Aklujkar, Centre for India and South Asia Research. CK Choi 120 from 12:30-2pm. call 822-2629.

Lectures in Modern Chemistry

Sugar Modified Oligonucleotides: How Sweet They Are. Prof. Masad

Damha, McGill U. Chemistry B-250 (south wing) at 1pm. Refreshments at 12:40pm. Call 822-3266.

UBC Teaching Community Seminars

Unleashing The Digital Library. Koerner Library 217 Sedgewick Teaching Lab from 1:30-4:30pm. To register call 822-9149.

Peter Wall Institute Complexity Seminar

The Singular Geometry Of Visual Cortex Maps: Experiment And Theory. Nick Swindale, Ophthalmology. Hennings 318 at 3:0pm. Call 822-3620.

Statistics Seminar

Stochastic Dominance For Linear Combinations Of Random Variables. Chunsheng Ma. CSCI 301 from 4-5:30pm. Refreshments, please bring your own mug. Call 822-0570.

St. John's College Speaker Series

Reading Janet Lim's 'Sold For Silver' And Khadtijah Sidek's Memoir 'Puteri Kesatria Bangsa'. Prof. Wong Soak Koon, U Sains. St. John's College 1080 at 5pm. Call 822-8788.

Green College Speakers Series

What Isn't Objective? Considerations From Historical Epistemology. Alan Richardson, Philosophy. Green College at 5:30pm. Reception from 4:45-5:30pm. Call 822-1878.

Thunderbird Men's Soccer

Vs. Simon Fraser University. Thunderbird Stadium at 7pm. Adults \$7; youth/seniors \$4; UBC students \$3; children under 12 free. Call 822-BIRD.

Wednesday, Oct. 14

Orthopedics Grand Rounds

Hip Joint Replacement: Lessons Learned. Prof. Robin Ling, Vancouver Hosp/HSC, Eye Care Centre Aud. at 7am. Call 875-4192.

Regent Bookstore Lecture Series

Hearing The Bible In The Church At The Turn Of The Millennium. Richard Hays, Duke U. Regent College Chapel at 12noon. Continues Oct. 15 at 11am. Call 228-1820.

Music Concert

Wednesday Noon Hours. The Alan Matheson Jazz Quartet. Music Recital Hall at 12:30pm. Admission \$3 at door. Call 822-5574.

Centre For Southeast Asia Research Seminar

Revisiting Feminism: A Malaysian Perspective. Prof. Soak Koon Wong, U Sains. CK Choi 129 from 12:30-2pm. Call 822-2629.

UBC REPORTS

CALENDAR POLICY AND DEADLINES

The *UBC Reports* Calendar lists university-related or university-sponsored events on campus and off campus within the Lower Mainland.

Calendar items must be submitted on forms available from the UBC Public Affairs Office, 310-6251 Cecil Green Park Road, Vancouver B.C., V6T 1Z1. Phone: 822-3131. Fax: 822-2684. An electronic form is available on the *UBC Reports* Web page at <http://www.publicaffairs.ubc.ca>. Please limit to 35 words. Submissions for the Calendar's Notices section may be limited due to space.

Deadline for the Oct. 15 issue of *UBC Reports* — which covers the period Oct. 18 to Oct. 31 — is noon, Oct. 5.

Calendar

Oct. 4 through Oct. 17

Institute Of Applied Mathematics

Tradeoffs Between Degree And Efficiency For Computing Pairs Of Intersecting Line Segments. Jack Snoeyink, Computer Science. CSCI 301 at 3:30pm. Call 822-4584.

Geography Colloquium Series

Social Inequality, Population Health And Housing: A Social Geography Of Health In Two Vancouver Neighborhoods. John Dunn, Health Care And Epidemiology. Geography 229 from 3:30-5pm. Call 822-2663.

Lecture

ASI/CICSR Industry/Academic Lecture. Alan Cornford, GPT Management. CICSR/CS 208 from 4-5:30pm. Refreshments. Call 822-6601.

Respiratory Research Seminar Series

Ventilatory Heterogeneity In Acute Lung Injury. Dr. John Tsang, Medicine. St. Paul's Hosp. Gourlay Conference Room from 5-6pm. Call 875-5653.

St. John's College Speaker Series

China: Reflections On The Chinese And Western Traditions Of St. John's University In The 1940s. George Shen, newspaper editor. St. John's College 1080 at 5:15pm. Call 822-8788.

History And Memory Lecture Series

The Debate Over Dominance. Sally Otto, Zoology. Green College at 7:30pm. Call 822-1878.

Chan Centre For The Performing Arts Concert

The Duke Ellington Orchestra. Paul Mercer Ellington, director. Chan Centre Chan Shun Concert Hall at 8pm. Post-concert benefit reception with artists. Call Chan Centre ticket office 822-2697 or Ticketmaster 280-3311.

Thursday, Oct. 15

Engineering/Architecture Continuing Education

Building Construction Field Review. Various speakers. Firestops Systems Inc., 1412 Derwent Way, Delta, from 9am-5pm. \$800 or \$150/session includes notes, field trip, lunches, refreshments, certificate. Call 822-3347.

Kaspar Naegele Lecture

Nature And Society In The Age Of Post-Modernity. Prof. Gisli Palsson, Anthropology. U of Iceland. Buchanan A-104 from 12noon-1:30pm. Call 822-2546.

Chan Centre For The Performing Arts Concert

UBC Symphony Orchestra. Ryoosuke Yanagitani, piano soloist; Jesse Read, conductor. Chan Centre Chan Shun Concert Hall at 12:30pm. Call 822-5574.

Biodiversity And Conservation Seminars

Progress On Endangered Species Legislation For Canada. Amir Attaran, Sierra Legal Defense Fund. Hut B-8 Ralf Yorke Room at 12:30pm. Bring your lunch. Call 822-5937.

Nisga'a Forum

First Of Two Sessions Explaining The Provisions In The Nisga'a Treaty And The Political Controversies That Have Arisen. Curtis 101/102 from 12:30-2pm. Call 822-2335.

Science First! Lecture Series

The Study Of Living Things: So What's Math Got To Do With It? Leah Keshet, Mathematics. Wesbrook 100 from 12:30-1:30pm. Call 822-5552.

History Lecture

Hitler In History And Memory: Further Questions. John Lukacs, Society of American Historians. Buchanan A-100 at 12:30pm. Call 822-5176.

PATSCAN Fall Seminar

Using Patent Data For Business Intelligence. Ron Simmer, patent service librarian. Angus 425 at 1pm. Seminar and question period. Call 822-5404.

UBC Teaching Community Seminars

Graduate Student Supervision: Developing Tools For Success. David Lam basement seminar room from 3-5pm. To register call 822-9149.

Physics And Astronomy Colloquium

Carbon Nanotubes As Molecular Quantum Wires. Charles Kane, U of Pennsylvania. Hennings 201 at 4pm. Refreshments Hennings 325 at 3:45pm. Call Ian Affleck 822-2137; Jeff Young 822-3631.

Centre For Australian Studies Seminar

Film Education And The Industry: An Australian Perspective. Annabelle Sheehan, Australian Film, Television and Radio School. CK Choi 120 from 4:30-5:30pm. Call 822-2968.

Medieval And Renaissance

The Jewish Connection: Historicising 'The Prioress' Tale.' Sheila Delaney, English, SFU. Green College at 5pm. Call 822-1878.

Marion Woodward/Nursing Lecture

Implications Of Research On Pain Management. Christine Miaskowski, IRC #6 from 7-8pm. Reception to follow. Call 822-7438.

Regent Bookstore Lecture

The Christian Dilemma At The End Of An Age. John Lukacs, author. Regent College Chapel at 7:30pm. Call 228-1820.

Friday, Oct. 16

Health Care And Epidemiology Rounds

New Initiatives Hepatitis B And Results Herpes Simplex Immunization Study. Simon Dobson, BC Women's and Children's Hosp. Mather 253 from 9-10am. Paid parking available in Lot B. Call 822-2772.

Pediatric Grand Rounds

Oxalosis. Dr. David Lirenman, Pediatrics/Nephrology; Derek Applegarth, B.C. Women's and Children's Hosp.; Asst. Prof. Marion Coulter-Mackie, Gf Strong Aud. from 9-10am. Call Ruth Giesbrecht 875-2307.

Fish 500 Seminars

Markets And The Fishing Down Marine Foodwebs Phenomenon. Rashid Sumaila, Fisheries Centre. Hut B-8 Ralf Yorke Room at 11:30am. Call 822-4329.

Kaspar Naegele Seminar

The Said, The Unsaid And The Unspeakable: The Arctic Expedition Diaries Of V. Stefansson. Prof. Gisli Palsson, Anthropology. U of Iceland. MOA 217 from 12noon-1:30pm. Call 822-2546.

Classics Lecture

Nietzsche And The Greek Ideal. Dirk Held, Connecticut College. Buchanan B-323 at 12:30pm. Call 822-2889.

Pharmaceutical Sciences Seminar

E. Coli And Salmonella Exploitation Of Host Cells. Prof. Brett Finlay, Biochemistry and Molecular Biology. Cunningham 160 from 12:30-1:30pm. Call 822-7795.

Physical Chemistry Seminar

Linear Ion Trap - TOF Mass Spectrometry. Jennifer Campbell, Chemistry. Chemistry D-225 (centre block) at 4pm. Call 822-3266.

Thunderbird Women's Ice Hockey

Thunderbird Winter Sports Centre at 7:15pm. Call 822-BIRD.

Chan Centre For The Performing Arts Concert

UBC Symphony Orchestra. Ryoosuke Yanagitani, piano soloist; Jesse Read, conductor. Chan Centre Chan Shun Concert Hall at 8pm. Call 822-5574.

Notices

UBC Zen Society

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

Parents with Babies

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

Studies in Hearing and Communication

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

Parents With Toddlers

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

Research Study

Relationship Study. Heterosexual men (25 years of age and older), in relationships of greater than six months needed for a UBC study of relationships. Complete questionnaire at home, receive \$10. Call 822-2151.

UBC Campus Tours

The School and College Liaison Office offers guided walking tours of the UBC campus. The tour begins at 9:30am every Friday morning at Brock Hall. To book a tour please call 822-4319.

Testosterone Study Volunteers Needed

Men aged 55-70 with low testosterone are needed to test the

Saturday, Oct. 17

Alumni Day

Kick Off, Alumni Lunch, Topical Lectures. Various sites on campus, 9am-6pm. For event details call 822-3313 or visit www.alumni.ubc.ca

Graduate Students Seminars

Leading Science Labs. FNSC 40 from 9:30am-12:30pm. To register call 822-6827.

Graduate Students Seminars

Leading Discussion Groups/Tutorials. FNSC 50 from 9:30am-12:30pm. To register call 822-6827.

UBC Apple Festival

Fun Fall Festival. UBC Botanical Garden from 11am-4pm. Continues to Oct. 18. Call 822-3928.

Graduate Students Seminars

Office Hours: Make Them Work For Your Students And For You. FNSC 40 from 1:30-4:30pm. To register call 822-6827.

Graduate Students Seminars

Teaching Assistant Roles And Responsibilities: Teacher, Student Or Somewhere In Between? FNSC 50 from 1:30-4:30pm. To register call 822-6827.

Thunderbird Women's Soccer

Vs. University Of Victoria. Thunderbird Stadium at 2pm. Adults \$7; youth/seniors \$3; UBC students \$3; children under 12 free. Call 822-BIRD.

Chan Centre For The Performing Arts Concert

Vigil. Vancouver Chamber Choir. Chan Centre Chan Shun Concert Hall at 8pm. Call Chan Centre ticket office 822-2697 or Ticketmaster 280-3311.

Vancouver Institute Lecture

Evaluation Of Mother Nature's Antivirals: Traditional Medicine Meets Modern Science. Prof. James Hudson, Pathology. IRC #2 at 8:15pm. Call 822-3131.

effects of an approved form of oral testosterone (Andriol) on bone mass, body composition and sexual function. Dr. Richard Bebb is the Principal Investigator. For more information or to sign up for this study please contact Mary-Jo Lavery, RN (Study Coordinator) at 682-2344 ext. 2455.

Museum Of Anthropology Exhibition

Recalling The Past: A Selection Of Early Chinese Art From The Victor Shaw Collection; Vereinigung. Nu-chah-nulth/Gitksan artist Connie Sterritt; Transitions: A Traveling Exhibit Of First Nations And Inuit Art; From Under The Delta: Wet-Site Archaeology In The Lower Fraser Region Of British Columbia; Hereditary Chiefs Of Haida Gwaii; Attributed To Edenshaw: Identifying The Hand Of The Artist. Call 822-5087.

BC SMILE

The British Columbia Seniors Medication Information Line (BC SMILE) is a free telephone hotline that assists seniors, their families and caregivers with medication-related questions when it is not possible to direct such questions to their regular pharmacist or physician. Monday to Friday 10am-4pm. Call 822-1330 or e-mail smileubc@unix.ubc.ca.

Women's Nutrition Study

Non-vegetarian, previously vegetarian and vegetarian women between the ages of 19-45 required for a study examining nutrition attitudes and practices. Involves a questionnaire and interview. Will receive a gift certificate for the Broad Garden or Starbucks. Call Terri 209-3281.

Parent-Child Relationship Study

Are you a parent of a child who is still in school? Would you like to help me understand how parents know that they are important? Complete a survey in your own home and return your responses by pre-paid mail. Call Sheila Marshall 822-5672.

Peer Program Recruitment

Wanted: Canadian UBC students with an urge to become involved in the international community. Get together with an international UBC student twice per month and do things. Learn about another culture, share your own culture, establish new

friendships, etc. Fill out an application form at International House or call 822-5021.

UBC Fencing Club

UBC Fencing Club meets every Wednesday and Friday at 7pm in Osborne Gym A. Learn decision making, poise and control. Newcomers welcome. Drop-in fee. Leave message at 878-7060.

Hong Kong Women

Young women who are members of Hong Kong astronaut (parents in Hong Kong and children in Canada) or Hong Kong immigrant families (parents and children in Canada) are required for a study examining their personal and family decisions. Call Kimi Tanaka 254-4158 or Dr. Phyllis Johnson 822-4300.

UBC Birding

Join a one-hour birding walk around UBC Campus, every Thursday at 12:30pm. Meet at the Rose Garden flagpole. Bring binoculars if you have them. For details, call Jeremy Gordon 822-8966.

Female Volunteers

Daughters who have returned home to live with their parents are needed for a PhD psychology study. An interview at your convenience is required. Call Michele 269-9986.

Chan Centre Tours

Free tours of the Chan Centre for the Performing Arts are held every Tuesday at noon. Meet in the Chan Centre lobby. Book special group tours through www.chancentre.com or call 822-1815. For more information call 822-2697.

Thunderbird Winter Sports Centre

Public Skating 8:30am-4:30pm. \$3; free before noon for UBC students. Casual Hockey 8:30am-4:30pm. \$3.75/hr. M-F: free before noon for UBC students. Squash and Racquetball. UBC staff \$7.50/court; UBC students \$6/court. Call 822-6121.

Got A Stepfather?

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



THE UNIVERSITY OF BRITISH COLUMBIA

Report of the Committee to Review UBC Student Services

The complete report of the committee is now available on the World Wide Web at <http://www.student-services.ubc.ca/admiss/pub/review/>

The report's key recommendations will be published in *UBC Reports*, Oct. 15.

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The classified advertising rate is \$16.50 for 35 words or less. Each additional word is 50 cents. Rate includes GST. Ads must be submitted in writing 10 days before publication date to the UBC Public Affairs Office, 310 - 6251 Cecil Green Park Road, Vancouver B.C., V6T 1Z1, accompanied by payment in cash, cheque (made out to *UBC Reports*) or journal voucher. Advertising enquiries: 822-3131.

The deadline for the Oct. 15 issue of *UBC Reports* is noon, Oct. 5.

Accommodation

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

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ST. JOHN'S COLLEGE Looking for short-term accommodation on campus? Private rooms available for visitors attending UBC on academic business. Competitive rates. Meals are included 5 days per week. Call for information and availability 822-8788.

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Vacations

COTTAGE IN BIRRE, Portugal. Sleeps 3, LR, kitchen, DR, bath, patio, parking. 35 km w. of Lisbon, 4 km from Cascais (trains to Lisbon and Expo '98 site). \$400 US/wk. (up to 3 persons), 4th person \$135 US /wk. Long-term lease avail. Sabbatical? Tel/Fax: 011-351-1487-1383 (Portugal); 731-9066 (Canada).

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Housesitter

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Services

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

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WESTSIDE spacious sunny 2 BR 1028 s.f. apt. close to UBC and beaches. Northeast view. Beautiful H/W floors. New kitchen and bath. Building extremely well maintained. Affordably priced \$189,000. Call 222-2025.

Events

FUN FITNESS Enthusiastic singles participating in nature walks. Kitsilano and UBC areas. Age range: late 40s to mid-60s. After our 1-2 hr. walk, we sometimes go for refreshments. No obligations or fees. For further information call 224-8621.



Please
Recycle



Three young friends pose on the streets of Luboml, Poland in the years before the Holocaust. The photo is one of several displayed in the exhibition, *Luboml: Images of a Jewish Community* which opens Oct. 8 at the Museum of Anthropology.

Photographs document town before Holocaust

A revealing photographic exhibition of one of Poland's most vibrant Jewish communities before the Holocaust opens Oct. 8 at the Museum of Anthropology.

Remembering Luboml: Images of a Jewish Community provides insight into a period of extraordinary cultural ferment in the market town of Luboml through 39 framed photographs, text and maps.

By the 1930s Luboml had a thriving Jewish population of some 4,000 people — more than 90 per cent of the town's population.

The years between the two world wars were a period of remarkable change. Modern intellectual attitudes, styles of dress and other secular influences, particularly Zionism, affected traditional family life and religion.

In October 1942 most of Luboml's Jews were murdered by the Nazis. Only 51 people survived.

Aaron Ziegelman, a Luboml emigrant to the United States in 1938, initiated and funded the exhibition to preserve the his-

tory and the memory of the town.

Nearly 2,000 photographs and artifacts have been collected around the world from more than 100 families. Remembering Luboml features highlights from the collection.

The exhibition is open from Oct. 8 to Dec. 31 every day except Monday and holidays.

Museum hours are Wednesday through Sunday, 11 a.m. - 5 p.m. and Tuesday, 11 a.m. - 9 p.m. Admission is \$6; students/seniors, \$3.50; free Tuesdays from 5 - 9 p.m.

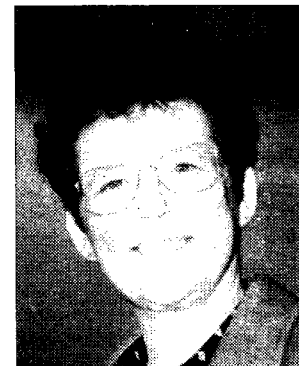
Luboml Exhibition photo

People

by staff writers

Mary Risebrough has been appointed acting vice-president, Student and Academic Services. Risebrough takes over from Maria Klawe who was recently named dean of the Faculty of Science.

As director of Housing and Conferences since 1982, Risebrough has been instrumental in increasing and improving UBC's on-campus student housing, child-care services, and faculty and staff rental housing as well as building a sense of community for UBC's more than 7,000 campus residents.



Risebrough

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Assoc. Prof. **David Hill** of the Faculty of Pharmaceutical Sciences is the new president of the British Columbia Pharmacy Association (BCPhA).

"I aim to continue to solidify the association's relationship with the Ministry of Health and the B.C. Pharmacare program," says Hill, who will serve a one-year term. "Our goal is to have pharmacists recognized for the many pharmaceutical care services they provide to the public."

Hill, who is associate dean of Professional Programs and director of Residency Programs, has been a faculty member since 1988. He teaches pharmacy practice and bioethics.

BCPhA is an advocacy group representing 1,700 pharmacists and 400 pharmacies across the province.



Hill

....

John McLean, a professor in the Dept. of Forest Sciences, is acting dean of the Faculty of Forestry. McLean took over from Clark Binkley who left the university this summer to take a job in the U.S.

McLean has previously served as acting dean and associate dean.

HEALTH SCIENCES WEEK 1998

October 5-9, 1998

Schedule of Events

Theme: Rationing or Rationalization: The Future Health Care System?

Tuesday, October 6

12:30 - 1:30 p.m.
Woodward IRC, Hall 4

THE JOHN F. McCREARY LECTURE

Dr. Donald Light, Professor,
Center for Bioethics, University of Pennsylvania
The real ethics of rationing: putting patients last?

4:30-6:00 pm.

Woodward IRC, Lecture Hall 5

HEALTH SCIENCES WEEK PANEL DISCUSSION

Chair: Dr. Donald Light, Professor,
Center for Bioethics, University of Pennsylvania

Panelists: Bob Evans (Centre for Health Services & Policy Research); Mary Ferguson-Pare (Vancouver Hospital); David Kelly, (Ministry of Health); Bill McArthur (Fraser Institute); Michael McDonald (Centre for Applied Ethics); Barbara Mintzes (Health Care & Epidemiology).

On what bases should we be making health care allocation/rationing decisions?

Wednesday, October 7

Woodward IRC
Hall 4, Lobby
Seminar Rooms

HEALTH SCIENCES STUDENT RESEARCH FORUM

Two graduate students are selected to deliver a keynote address at the Health Sciences Student Research Forum, providing listeners with an overview of what is new, intriguing and important in the student's specific area of research. As part of Health Sciences Week, the Forum is an interdisciplinary event that includes more than 100 poster and oral presentations.

5:00 - 6:00 p.m.

INTRODUCTION

Dr. John H.V. Gilbert, Coordinator of Health Sciences

OPENING REMARKS

Dr. Joanne Emerman, Associate Dean, Research
Faculty of Medicine

KEYNOTE SPEAKERS:

- Kelly Bannister, Department of Botany
*The Age of Rediscovery:
Ethnobotany & the Search for Plant-Derived Medicines*
- Steve Morgan, Department of Economics
*The Case against Universal Pharmacare:
Economic Rationalizing and Income Based Rationing*

POSTER/ORAL PRESENTATIONS

5:00 - 8:00 p.m.

Thursday, October 8

12:30 - 2:00 p.m.
Woodward IRC, Lecture Hall 2

HEALTH CARE TEAM CLINICAL COMPETITION

Before a live audience, three interdisciplinary teams of health sciences students demonstrate their skills in assessment and management of a problem case. An award will be presented to the twelve-member student team judged most effective in overall case management.

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BC, Canada**

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The Team Approach
February 18, 1999**
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Myths & Realities 1999
February 19 & 20,**

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**For more information,
please contact:
Interprofessional Continuing
Education
The University of British
Columbia
105 - 2194 Health Sciences Mall
Phone: (604) 822-4965
Fax: (604) 822-4835**

UBC

**THE UNIVERSITY OF
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**FACULTY OF SCIENCE
Call for Nominations**

**Killam Prizes for
Excellence in Teaching**

The University of British Columbia established Awards for Excellence in Teaching in 1989. Awards are made by the Faculty of Science to UBC Science faculty members, including full-time (sessional) lecturers and laboratory instructors who are selected as outstanding teachers.

We are seeking input from UBC alumni, current and former students.

Nomination Deadlines:

First term: Oct. 19, 1998
Second term: Feb. 8, 1999

Nominations should be accompanied by supporting statement and the nominator's name, address and telephone number.

Please send nominations to:

Chair, Killam Prizes for Excellence in Teaching
c/o Office of the Dean of Science
Rm. 1505, 6270 University Blvd.
University of British Columbia
Vancouver, B.C. V6T 1Z4
Fax (604) 822-5558

Philanthropist, student leader, World Cup medalist to get alumni honours

Texas Instruments founder and philanthropist Cecil Green, former Alma Mater Society executive member and recent grad Allison Dunnet, and two-time Olympian swimmer Turlough O'Hare are among the UBC graduates who will be honoured at the annual Alumni Recognition and Sports Hall of Fame dinner to be held Oct. 8 at the Hyatt Regency in Vancouver.

Alumnus and long-time friend of the university Cecil Green (DSc '64) will receive a Lifetime Achievement Award.

Green is a founder of Texas Instruments. He spent two years at UBC before transferring to MIT.

As a philanthropist he has supported post-secondary education across Canada, the U.S. and the United Kingdom. In 1993 he founded UBC's first graduate college, Green College. He has received honorary doc-

torates from more than a dozen universities including UBC and Oxford. He was knighted by Queen Elizabeth in 1991.

A 1998 Political Science grad, Allison Dunnet is the founder of ImagineUBC, which welcomes new

won a total of 21 medals in university competition and set three university-level records which still stand today.

O'Hare will be inducted into the UBC Sports Hall of Fame.

Alumni awards are given to UBC graduates and members of the UBC community who have made significant contributions to society and to UBC life. Recipients are high achievers who represent all areas of endeavor from the arts to education, government, business and the professions.

Other award recipients include: Lifetime Achievement Award to former University of Victoria chancellor Bill Gibson (BA '33, DSc '93); Award of Distinction to John Millar, director of the B.C. Health Research Foundation, and Milton Wong, MK Wong & Associates; Volunteer Leadership Award to Jim Stich, director of UBC's dental

clinic; Outstanding Young Alumnus Award to Peter Dolman, UBC ophthalmology professor; Faculty citations to Carol Herbert, head of UBC's Dept. of Family Practice and Paul Stanwood, UBC English professor; Outstanding Student awards to Andrew Booth and Lica Chui.

The UBC Sports Hall of Fame was established to honour men and women who showed outstanding athletic ability during their years at UBC.

Many of these athletes went on to compete internationally for Canada, and many are recognized internationally.

In addition to O'Hare, inductees include: John Owen, an integral part of athletic administration at UBC for 28 years; J.D. Jackson, basketball star from 1987-92; Nora McDermott, a star basketball and field hockey player during the 1940s; and the 1977-78 women's volleyball team which won two straight CIAU championships.

Last year, 700 alumni and guests attended the dinner, generating more than \$20,000 for student scholarships and bursaries.

Tickets for the dinner are \$125 each or \$1,000 for tables of eight. For ticket information call the UBC Alumni Association at (604) 822-3313.



Green



Dunnet



O'Hare

students to UBC, and of Humanities 101, a project to encourage people from disadvantaged backgrounds to study at UBC.

Dunnet will receive one of three Outstanding Student awards to be given.

Turlough O'Hare competed twice in the Olympic Games, as well as in the Commonwealth Games and the World Cup where he won a gold medal in freestyle.

The Richmond native and 1998 UBC Human Kinetics grad

Good cause seeks hungry stomachs, volunteers

October is a busy month for volunteers working on the 1998 UBC United Way Campaign.

Events aimed at raising awareness and filling a few bellies take place mid-month, and volunteer training gets underway next week.

All are welcome at the following:

Oct. 6 and 8: Volunteer training, Graduate Student Society Ballroom from 9:30 a.m. - 10:30 a.m. on Oct. 6 and from 12:30 - 1:30 p.m. on Oct. 8. Juice, coffee and muffins will be served. Volunteers need only attend one session.

Oct. 15: Pancake Breakfast, Instructional Resource Centre from 7:30 - 9:30 a.m. featuring celebrity chefs. Tickets \$3 at the door.

Oct. 16: Multicultural Barbecue, General Services Administration Building from 11:30 a.m. - 1:30 p.m. Tickets \$5 at the door.

Oct. 19: Kick-off Wave-In by all gate entrances from 7:00 - 9:00 a.m. to announce the official beginning of the campaign.

Oct. 19: Kick-Off Salmon Barbecue, First Nations Longhouse from 11:30 a.m. - 1:30 p.m. Salmon and bannocks will be served. Tickets \$5 in advance. Call 822-UWAY (822-8929) for the nearest ticket seller.

For information about these events or to volunteer call 822-UWAY (822-8929.)

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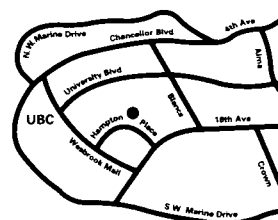
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