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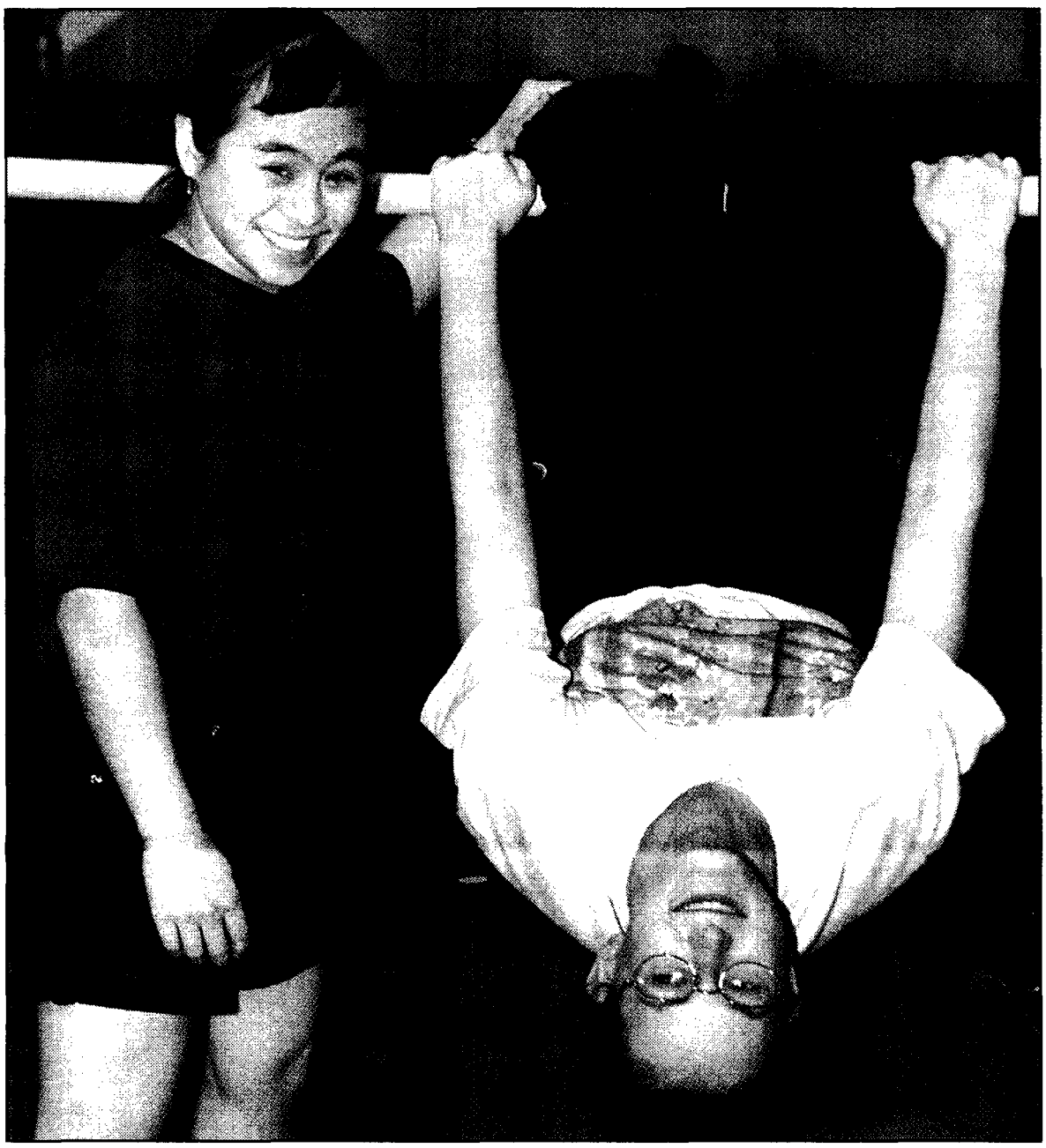
ubc reports

THE UNIVERSITY OF BRITISH COLUMBIA



LIMBER LOST? Instructor Amanda Li (left) steadies student Elizabeth Bennett on the uneven bars at a UBC gymnastics class held at Osborne Gym. The class is one of many offered by the School of Human Kinetics as part of its community outreach gym program. Offering classes for all ages, the program is the largest of its kind in B.C. dedicated to non-competitive gymnastics. For more information call 604-822-0207. *Richard Lam photo*

International tuition to keep up with costs

New scholarship programs intended to help offset increase for international undergraduates

TUITION FEES for new international undergraduate students will increase by 12 per cent starting next summer.

The Board of Governors voted in favour of raising tuition fees last month following consultations with student leaders.

"Fees for international students have remained the same since 1996," says Neil Guppy, associate vice-president, Academic Programs. "We've known these fees should be increased to bring them into line with the current cost-of-living and the education price index — UBC's education-related costs. The 12 per cent increase is a catch-up."

The board also called for tuition fees to be adjusted annually from now on to reflect future increases in UBC education-related costs.

The increase will ensure that UBC continues to fully recover the costs of educating international undergraduate students, Guppy says.

The objective is consistent with the university's commitment not to use B.C. provincial government grants to subsidize the education of international undergraduates.

Once it takes effect, the 12 per cent increase will bring tuition fees up to the current full-cost level.

Currently, UBC's international undergraduate students pay $13,830 or $461 per credit. With the increase, base tuition for all undergraduate, diploma programs and some post-baccalaureate programs will be $15,430 or $516 per credit.

The new cost-of-living increases will be implemented annually starting in the summer of 2002 for all international students enrolling at that time.

International students already enrolled at UBC prior to the summer of 2002 will pay $461 per credit for the summer 2002 and winter 2002/03 sessions, then $516 per credit for the remainder of their program.

Guppy says that while the tuition fees are increasing, UBC has recently introduced new scholarship programs for international students. The new awards, some of which are valued at up to $27,000 per year, are awarded on a combination of need and merit.

In addition, UBC is committed to implementing stronger student development and counselling services for international students, and faculties are responding to international student needs with a variety of programs and initiatives, adds Guppy.

UBC had 886 international undergraduate students enrolled last year.

Scholar's research guides service for children, families

United Way program supports first five years

by Hilary Thomson staff writer

UBC'S CONTRIBUTION to the United Way is usually measured in dollars, but for Health Care and Epidemiology Prof. Clyde Hertzman, this year's donation is knowledge.

Hertzman has provided the organization with research data to support Success By 6, a program supported by United Way donors that aims to strengthen early childhood development services to children up to age six and their families throughout the Lower Mainland.

"Dr. Hertzman's support has been invaluable and his research has made a clear case for the critical importance of the first five years of life to children's health, well-being and coping skills," says Sheila McFadzean who co-ordinates the project at United Way.

Hertzman investigates determinants of health and has worked with the agency to develop a community asset map that shows resources available in Vancouver to support children's healthy development.

The school board, health board and community groups participated in the research that identifies where children up to age six are living, what their learning needs are and the extent of neighbourhood resources.

Hertzman's methodology is also being used in other Lower Mainland communities and throughout the province.

The data will help to inform the expansion and improvement of family resource programs and development of many new programs in under-serviced communities, says McFadzean.

"This was a very productive community collaboration," says Hertzman, director of Population Health for the Canadian Institute for Advanced Research. "The United Way gains information from us and we gain access to community agencies to conduct research."

"It's very encouraging that United Way has taken on the child welfare agenda with this project," he adds.

UBC's United Way campaign total stands at $204,234. This year's goal is $395,000. The campaign continues to Oct. 31.

For more information, visit the Web site at www.unitedway.ubc.ca.

Eight Irish bards featured in week-long mini-festival

by Michelle Cook staff writer

"IRISH WRITERS learn your trade," urged William Butler Yeats.

For a week this month, the UBC community will have the opportunity to meet some of Yeats' compatriots who have taken the great Irish poet's advice to heart.

Eight eminent contemporary Irish writers, scholars and literary critics will read from their work and discuss their writing as "writers in residence" on campus from Oct. 22-27.

The group, which includes Ulster poets Michael Longley, Gerald Dawe, Paul Muldoon and Ciaran Carson, novelist Dermot Healy, critics Robert Welch and Edna Longley and playwright Thomas Kilroy, belong to a generation of writers who came to literary maturity in the 1960s and '70s.

Muldoon is currently the Oxford Professor of Poetry at Princeton University, considered the top position of its kind in the world.

"These are writers who have learned their trade, but are still writing, publishing and achieving their laurels," says English Prof. John Wilson Foster, who organized the Irish group's visit to UBC.

"Their visit will be an opportunity to hear their poems spoken. We've also invited writers to talk about their work in a cultural context, including the climate of civil unrest in Northern Ireland and the literary creativity it has produced."

see Bards page 2

LETTERS

Faculty, staff echo support for academic freedom

Editor:
As individual faculty members, instructors or staff members working at the University of British Columbia, we strongly endorse the UBC administration's support of academic freedom.

Our colleague, Dr. Sunera Thobani, like any faculty member, has the right to express her views on the effects of American foreign policy and globalization.

Informed and critical discussion of issues arising from the events of Sept. 11 needs to take place on campus and in the community without censorship or intimidation.

The brief remarks extracted from Dr. Thobani's speech were taken out of context, and she is certainly not the first or only person to express this critique.

We commend Dr. Thobani for having the courage to make a public contribution to this important debate.

Prof. Ashok Aklujkar, Asian Studies; Asst. Prof. Lenora Angeles, SCARP, Women's Studies; Asst. Prof. Karen Bartlett, Occupational and Environmental Hygiene; Sadhu Binning, Asian Studies; Fay Blaney, Women's Studies; Prof. Peter Boothroyd, SCARP; Prof. Mandakranta Bose, Institute of Asian Research, Women's Studies; Prof. Susan Boyd, Law; Yvonne Brown, Teacher Education; Asst. Prof. Ruth Buchanan, Law; Asst. Prof. Shauna Butterwick, Educational Studies; Assoc. Prof. Gillian Creese, Anthropology and Sociology; Prof. Robert DeWreede, Botany; Catherine Edwards, Pacific Educational Press; Prof. Susanna Egan, English; Angela Fleury, Women's Studies; Prof. Anthony Glass, Botany; Asst. Prof. Mona Gleason, Educational Studies; Prof. John Grace, Chemical Engineering; Prof. Sherrill Grace, English; Prof. Sneja Gunew, Women's Studies, English; Assoc. Prof. Ronald Hatch; Assoc. Prof. Tineke Hellwig, Asian Studies, Women's Studies; Marsha Henry, Women's Studies; Prof. Nicholas Hudson, English; Prof. Graham Johnson, Anthropology and Sociology; Patricia Kachuk, Anthropology and Sociology; Assoc. Prof. Arminee Kazanjian, Health Care and Epidemiology; Assoc. Prof. Deirdre Kelly, Educational Studies; Prof. Susan Kennedy, Health Care and Epidemiology; Jennifer Klenz, Botany; Keiho Kozumi, Asian Studies; Huimin Lin, Asian Studies; Ann McKinnon, Women's Studies; William McMichael, Language And Literacy Education; Shelley Moore, Women's Studies; Marina Morrow, Women's Studies; Catherine Nelson-McDermott, English; Assoc. Prof. Bonnie Norton, Language And Literacy Education; Assoc. Prof. Sharalyn Orbaugh, Asian Studies, Women's Studies; Asst. Prof. Stephen Petrina, Curriculum Studies; Prof. Geraldine Pratt, Geography; Prof. Jerilyn Prior, Endocrinology; Prof. Valerie Raoul, Women's Studies, French; Assoc. Prof. Leslie Roman, Educational Studies; Ellen Rosenberg, Botany; Assoc. Prof. Becki Ross, Anthropology and Sociology, Women's Studies; Assoc. Prof. Maureen Ryan, Fine Arts; Dorothy Seaton, Women's Studies; Prof. Peter Seixas, Curriculum Studies; Prof. Veronica Strong-Boag, Educational Studies, Women's Studies; Assoc. Prof. Catherine Swatek, Asian Studies; Sandra Taylor, Earth and Ocean Sciences; Anona Thorne, Health Care and Epidemiology; Fumiko Watai, Asian Studies; Prof. Lorraine Weir, English; Prof. Claire Young, Law

Bards

Continued from page 1

Foster, who is the 2001 Peter Wall Institute Distinguished Scholar in Residence, had the idea of bringing Irish writers to campus when friend and poet Michael Longley recited a poem at Foster's Vancouver wedding which kept the guests spellbound.

English Dept. head Prof. Sherrill Grace says UBC's international reputation in Irish literature and studies makes it a natural destination for some of today's most acclaimed Irish writers.

"We're always interested in bringing writers to campus," says Grace. "Students don't always realize its timeliness, but it's important for young people to see that literature is a living thing in the world, that it's not dead.

"When they meet living writers from their own country and others, they are exposed to what's happening in the world — history, politics, racism, tolerance — the basic issues that are an important part of the learning process."

Event sponsors include Green College, the Peter Wall Institute for Advanced Studies, Dal Grauer Lectures, and the British Consul.

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MORE INFORMATION
Call Foster at 604-822-0203, the Peter Wall Institute for Advanced Studies at 604-822-4539 or visit www.pwias.ubc.ca.

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GREEN COLLEGE THEMATIC LECTURE SERIES

Green College invites applications from members of the UBC community to hold an interdisciplinary thematic lecture series during the 2002-2003 academic year. The series can be on any interdisciplinary theme, and should consist of eight lectures over the period September 2002 to March 2003. The organizers will edit an anthology to be published in The Green College Thematic Lecture Series. The College will support travel expenses of invited lecturers, and publication. Wherever possible, applicants should seek co-sponsorship of the series with other relevant bodies.

Applications must include the following:

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

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

Send completed applications by no later than **Jan. 31, 2002** to:

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

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Director, Office of Research Services
University of British Columbia, Vancouver, BC

The University of British Columbia occupies a park like setting on 1,000 acres on the edge of Vancouver and ranks as one of Canada's top internationally recognized centres of learning. UBC is a research leader in North America, with its 1,700 full-time faculty conducting more than 4,000 research projects annually supported by nearly $200-million in funding. The Office of Research Services (ORS) is a central support to the research community at UBC and is seen as a valuable and important resource as research activity continues to grow at a fast pace.

Reporting to the Vice President, Research, the new Director, ORS will play a key leadership role at the University in supporting the continued growth and development of UBC's research and scholarly activities. You will establish a vision and strategy for the ORS, which will articulate a service driven approach to the access, facilitation and management of the research support process. You will establish strong relationships within the research community across all disciplines at UBC and with current and potential sources of research funds.

You have a track record of success in the facilitation of research and the management of a research funding process in an academic institution, research institution, granting agency, or a private sector organization. Alternatively, you bring significant management experience in an academic or research related environment that will enable you to fulfill the requirements of this role. You are a strong communicator who can lead through influence; a change agent who can work effectively with a broad range of stakeholders both internally and in the funding community.

UBC hires on the basis of merit and is committed to employment equity. UBC encourages all qualified persons to apply. In accordance with Canadian immigration requirements, this advertisement is directed to Canadian citizens and permanent residents of Canada in the first instance.

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Civil Engineering Prof. Nemkumar Banthia (left) and Ian Sturrock, an engineer from the B.C. Ministry of Transportation, inspect the underside of a 46-year-old bridge near Duncan B.C. sprayed with a revolutionary fibre-reinforced polymer coating. The coating, developed by Banthia, is designed to repair and double the strength of bridge decks for half the cost of traditional repair methods. *Civil Engineering Dept. photo*

Spray strengthens structures

Application prevents corrosion and contamination

by Michelle Cook staff writer

A UBC CIVIL ENGINEERING professor is testing a revolutionary polymer spray that is expected to double the strength of aging bridges at half the cost of traditional repair techniques.

Prof. Nemkumar Banthia developed the high performance fibre reinforced polymer (FRP) spray being used on Safe Bridge near Duncan.

He and a team of UBC students and researchers, with engineers from the B.C. transportation ministry, applied the spray to the 46-year-old bridge over a period of five days. The ministry committed $60,000 to test the new technology on the six-metre bridge with a view to using it for future infrastructure repairs.

The spray coating, composed of separate components of fibre and polymer applied at high-speed, is a novel structural rehabilitation technique designed to protect the bridge's concrete girders from corrosion, increase the structure's longevity and protect it against seismic damage.

"The spray application was very successful," says Banthia. "After the facelift, the bridge should be twice as strong and be able to absorb three times as much energy during an earthquake."

With its new FRP coating, Safe Bridge is now a "smart" bridge. Both the structure itself and the polymer coating carry fibre-optic sensors that transmit data by the Internet. These signals will help Banthia and his team to monitor the coat's effectiveness from campus.

The data will also allow engineers to study the bridge's performance in an earthquake and, afterwards, use the sensors to assess any damage to the bridge.

In lab tests against existing repair techniques, the FRP spray coating proved to be the strongest method of bridge deck repair.

The technique is estimated to cost half the amount of traditional steel jacketing and a third less than fibre-reinforced polymer jacketing.

Unlike steel jacketing, which corrodes over time, FRP spray will not corrode, adding to long-term cost savings, but Banthia explains that the real savings will be in the minimized repair times and traffic disruptions.

The versatile repair technique lets the user control the fibre content making it ideal for re-fitting other construction surfaces such as steel and timber, and customizing the repairs on any structure.

Besides strengthening, FRP spray can be used to prevent corrosion in high chloride environments such as the Hibernia oil drilling platform.

It can also be used to protect water supplies from contamination by creating an impermeable lining for containers like hog waste manure tanks.

The FRP spray and application technique was developed in conjunction with Intelligent Sensing for Innovative Structures (ISIS) Canada, a Network of Centres of Excellence program headquartered at the University of Manitoba.

Herbal lore part of students' training

Pharmacists learn quality, effectiveness of alternative medicines to help patients make informed decisions

by Hilary Thomson staff writer

GINSENG, GINKGO AND GARLIC — these and other herbal supplements are often regarded as harmless, but Pharmaceutical Sciences students are learning that natural doesn't always equal safe.

Taken for everything from arthritis to depression, herbal medications are used by about 33 per cent of Canadians according to a survey done this year and sponsored by the Nonprescription Drug Manufacturers Association of Canada (NDMAC).

Many of these products are bought at pharmacies.

"The risks associated with herbal supplements can be significant," says Pharmaceutical Sciences instructor Lynda Eccott who, with colleague Kath MacLeod, developed an elective course called Alternative Medicines in Pharmacy Practice.

"That's why it's so important for our students to be prepared to counsel patients so they can make informed decisions about these products. Patients may be self-diagnosing a condition that should be under doctor's supervision, so it's critical that pharmacists ask the right questions."

The primary risks associated with herbal medicines are lack of quality and inappropriate use, says Eccott.

Because many of these products are sold as food supplements rather than drugs, they are currently unregulated so content can vary widely.

For example, of 10 different St. John's Wort products tested, seven did not meet label claims according to a 1999 study published by pharmaceutical and health products company Wampole Canada Inc.

In addition, there is a lack of information on product labels about dosage or potential side effects.

"Clearly, people are buying these products on blind faith," says Eccott. She adds that many people overuse the products because they are perceived as completely safe.

Students are taught to help patients decide if a herbal medication is appropriate for their condition and how to choose the best quality product.

They also offer advice about dose and duration of therapy and encourage patients to report side effects.

Other issues include direct toxicity, where herbs may have been adulterated with a harmful substance.

Negative herb-drug interactions, whether the patient is using prescription or over-the-counter drugs, can also be a problem and underlines the need for consultation with a trained health-care professional, says Eccott.

For example, serious negative interactions can occur when blood-thinning agents such as aspirin are taken with herbs that act in the same way such as ginseng, garlic or feverfew.

Pharmacists need to increase their profile in this area of expertise and make themselves more accessible to the consumers, says Eccott.

The NDMAC survey estimated that consumers use pharmacists and physicians only 10 per cent of the time for herbal product information and that they usually are guided by advice offered by family, friends or health books.

Charles A. McDowell: first-rate all the way

IN MEMORIAM

Charles McDowell, former head of the Chemistry Dept. died last month. One of UBC's most prestigious research prizes, the Charles A. McDowell Award for Excellence in Research, is named in his honour.

by Prof. Michael C.L. Gerry

WITH THE PASSING of C.A. McDowell, UBC lost one of the giants of its history.

Charles McDowell was head of the Chemistry Dept. from 1955 until 1981.

When he arrived the department was small, with about a dozen faculty, and was housed in one building, the oldest on the campus. Research was only a minor part of the enterprise.

His vision, and his greatest achievement, were to create a vital, modern department, first class in both teaching and research. He realized in particular that the greatness of a university is set by its research achievements.

He was the right man at the right time. Through his initiative, four new wings were built. Two were for undergraduate teaching, and two were for research.

He hired people — lots of them — and was especially good at it. In terms of faculty numbers, UBC had at one time one of the largest chemistry departments in North America.

A dozen of the faculty he hired have become fellows of the Royal Society of Canada.

He realized, too, that to meet his vision the department had to have first-rate support facilities, with first-rate staff.

He created some of the best support facilities of any Chemistry department anywhere. They remain to this day, and are a major factor in recruiting outstanding new faculty.

His own research was in physical chemistry, including many branches of it: gas phase chemical kinetics, mass spectrometry, nuclear magnetic resonance, electron spin resonance and photoelectron spectroscopy.

He received many honours, the highest of which was the Order of Canada.

During his last two years as head he became very ill with Guillain-Barré syndrome which left him in a wheelchair.

Through both courage and determination he returned to UBC as University Professor, and resumed his research career, which he continued until shortly before his death. For this, and for his achievements, he will long be remembered. *Chemistry Prof. Michael Gerry was a friend and long-time colleague of Charles McDowell.*

Charles McDowell, 1918-2001

SUNDAY, OCT. 21

UBC Legacy Games
Day Of The Longboat. Jericho Sailing Centre from 8am-4pm. Entry fee $10-$215. To register, call 604-822-1688.

MONDAY, OCT. 22

Peter Wall Distinguished Scholar Symposium
Irish Writers Symposium. Various speakers. University Centre 307, Green College, Thea Koerner House from 10am to 5pm. Continues to Oct. 27. Visit www.pwias.ubc.ca under events. Call 604-822-0203.

India and South Asia Research Seminar
South Asian Studies And Diaspora Studies In St. Petersburg (Russia). Igor Kotin, U of St. Petersburg. CK Choi Conference Room from 1-2:30pm. Call 604-822-6463.

Lectures In Modern Chemistry
Conformational Order In Oligomers And The Quest For The Folded Macromolecules. Prof. Jeffrey S. Moore, U of Illinois. Chemistry B-250 from 12:45-1:45pm. Refreshments at 12:30pm. Call 604-822-3341.

Lecture
Valuing The Earth: Environmental Ethics And The Religious Nature Of Science. Prof. Loren Wilkinson, Interdisciplinary Studies, Regent College. Buchanan B Penthouse from 4-5:15pm. Refreshments. Call 604-822-3219.

Green College Speaker Series
What Is At Stake In Comparative Analysis Of Asian Canadian And Asian American Literary Studies? Guy Beauregard, U of California. Green College at 5pm. Reception, Coach House from 6-6:30pm. Call 604-822-1878.

Green College at 7:30pm. Call 604-822-5675.

THURSDAY, OCT. 25

Symposium
Mass Spectrometer Manufacturers. SUB 214/216 from 8:20am-4pm. Call 604-822-3235.

Earth And Ocean Sciences Colloquium
DHI/AVO Analysis Best Practices: A Worldwide Analysis 2001-2002. Kurt Rudolph, Exxon Mobil. GeoSciences 330-A from 12noon-1pm. Call 604-822-5406.

Conservation Biology Seminar
Colonizing Carnivores, Naive Prey, And Pleistocene Megafaunal Extinctions: What's The Relevance To Contemporary Conservation? Joel Berger, Wildlife Conservation Society. ForSciences 1221 from 2-3pm. Call 604-822-9695.

SATURDAY, OCT. 27

Cecil And Ida Green Lecture
Direct Democracy: Ancient And Modern. Prof. Mogens Herman Hansen, director, Copenhagen Polis Centre. IRC #2 at 8:15pm. Call 604-822-4636.

SUNDAY, OCT. 28

Pacific Spirit Concert
Liszt In Italy. Andrea Padova, piano. Music Recital Hall at 3pm. $20 adults; $10 seniors/students. Call 604-822-5574.

Concert
Music At The Chan. Kronos Quartet. Chan Centre at 8pm. $25-$45 adults; $18-$38 seniors/students. Call Ticketmaster at 604-280-3311 or 604-822-2697.

MONDAY, OCT. 29

Concert
Prokofiev's Wartime Sonatas Nos. 6 And 8 To Support The Relief Efforts In New York. Robert Silverman, Alexander Korsantia, piano. Music Recital Hall at 12noon. By donation. Call 604-822-5574.

IAM-PIMS Distinguished Colloquium Series
Spectral Methods For Discontinuous Problems. Prof. David Gottlieb, Brown U. Klinck 301 from 3-4pm. Call 604-822-4584.

Thematic Lecture
Beyond ADR: A Systems Approach To Conflict Management. Jennifer Lynch, president, PDG Personnel Direction Group Inc. Green College at 5pm. Call 604-822-1878.

Member Speaker Series
Creative Aging Through The Arts: The Aesthetics Of Later Life. Pamela Brett-MacLean. Green College at 7:45pm. Call 604-822-1878.

TUESDAY, OCT. 30

Seminar
Ras Signals The Way To Multicellularity. RasC Mediates Dictyostelium Aggregative Development Through Activation Of Adenylyl Cyclase And PKB. James Lim, Weeks Lab. Wesbrook 100 from 12:30-1:30pm. Call 604-822-3308.

Lectures in Modern Chemistry
Controlling Molecular Motion: Let The Molecule Do The Thinking. Prof. Herschel Rabitz, Princeton U. Chemistry B-250 from 12:45-1:45pm. Refreshments available at 12:30pm. Call 604-822-3341.

Green College Speaker Series
Red Serge, Grey Suits, Blue Skies And A Black Cloud: Some Thoughts On The Hughes Report. Philip Stenning, Criminology, U of Toronto. Green College at 5pm. Reception, Coach House from 6-6:30pm. Call 604-822-1878.

WEDNESDAY, OCT. 31

Orthopaedic Grand Rounds
Rheumatology. TBA. VGH, Eye Care Centre Aud. from 7-8am. Call 604-875-4192.

Wednesday Noon Hours
Brahms: Sextet In G Major, Op 36. Borealis String Quartet; David Harding, viola; Eric Wilson, cello. Music Recital Hall at 12noon. $4. Call 604-822-5574.

Lecture Series
Shauna Butterwick, Educational Studies, Research in Women's Studies and Gender Relations. Centre for Research in Women's Studies and Gender Relations at 12noon. Call 604-822-9171.

Obstetrics And Gynecology Seminar
The Effect Of Molecular Cytogenetics On Advances In Reproductive Medicine. Dr. Dagmar Kalousek, Pathology. BC Women's Hospital 2N35 from 2-3pm. Call 604-875-3108.

Physics Colloquium
Halloween On Mars. Jaymie Matthews, Physics and Astronomy. Hennings 318 at 12noon. Refreshments. Call 604-822-3116.

UBC Young Alumni Network
Murder Mystery. Cecil Green Park House from 7:30-10:30pm. $20. Refreshments. To register, visit www.alumni.ubc.ca. E-mail aluminfo@alumni.ubc.ca. Call 604-822-3313.

THURSDAY, NOV. 1

Earth And Ocean Sciences Colloquia
Oxidation-Reduction In The Earth: What Old Cars And The Lower Mantle Have In Common. Catherine McCammon, Bayerisches Geoinstitut U. GeoSciences 330-A from 12noon-1pm. Call 604-822-5406.

E.S. Woodward Lecture Series
The Impact Of The Internet On The Economy. Prof. Richard Freeman, Economics, Harvard U. Lasserre 104 from 12:30-1:30pm. Call 604-822-4129.

Conservation Biology Seminar
Amphibian Declines Due To Disease: Implications Of Physiological Ecology For Conservation Biology. Cindy Carey, U of Colorado. ForSciences 1221 from 2-3pm. Call 604-822-9695.

Physics Colloquium
Carson Chow, Mathematics, U of Pittsburgh. Hennings 201 at 4pm. Call 604-822-3853.

Computer Science Invited Speaker Seminar
Computing With Life. Tom Knight, MIT Artificial Intelligence Lab. CICSR/CS 208 from 4-5:30pm. Refreshments. Call 604-822-0557.

Policy Issues In Post-Secondary Education
Choice In The BC Post-Secondary Education System. Jim Wright, director, Private Post-Secondary Education Commission; Nick Rubidge, president, College of the Rockies. Green College at 4:30pm. Call 604-822-1878.

Occupational And Physical Therapy Info Night
School Of Rehabilitation Sciences. IRC # 5/6 from 5-7pm. Call 604-822-7392.

calendar

OCTOBER 21 THROUGH NOVEMBER 3

Biotechnology Lab Gairdner Foundation Lectureship
How Do G Protein-Coupled Receptors Rule The Mind? Bertil Hille, Physiology and Biophysics, U of Washington. BioSciences 2000 from 12noon-1pm. Refreshments. Call 604-822-6968.

Institute Of Applied Mathematics Seminar
Mathematical Modelling Of Thermal Damage In Human Tissues. Prof. Susan Baldwin, Chemical and Biological Engineering, Klinck 301 from 3-4pm. Call 604-822-4584.

St. John's College Speaker Series
Origins Of The 1951 Convention Of Refugees. Prof. Claudena Skran, Lawrence U. St. John's College 1080 from 5-6:30pm. Call 604-822-8781.

Thematic Lecture
Apology And Forgiveness As Bargaining Commodities. Richard Birke, College of Law, Willamette U. Green College at 5pm. Call 604-822-1878.

Member Speaker Series
Life At The Top: How And Why Songbirds Breed Over Wide Elevation Gradients. Heather Bears, Zoology. Green College at 7:45pm. Call 604-822-1878.

St. John's College Speaker Series
Prospects Of The Canada-China Economic Relations. Song Youming, Chinese Consul General. St. John's College Fairmont Social Lounge from 8-9:30pm. Call 604-822-8781.

TUESDAY, OCT. 23

Seminar
Co-ordinate Regulation Of Gene Exchange And Motility In Rhodobacter Capsulatus. Andrew Lang, Beatty Lab. Wesbrook 100 from 12:30-1:30pm. Call 604-822-3308.

Seminar
The Politics Of Islamic Fundamentalism And Human Rights. Prof. M. Maznah, Institute of Asian Research. CK Choi Conference 120 from 12:30-2pm. Call 604-822-4688.

WEDNESDAY, OCT. 24

Orthopedic Grand Rounds
Recon Division Orthopedic Manifestations Of Hemophilia. Dr. Marvin Gilbert, Mount Sinai Hospital. VGH, Eye Care Centre Aud. from 7-8am. Call 604-875-4192.

Dumpster Painting Contest
Dumpsters In Colour. SUB lower plaza from 10am-2pm. Call 604-822-9456.

Festival Of Fall Colours
Drop And Swap. SUB lower plaza from 10am-2pm. Bring and trade used items. Call 604-822-9456.

Physics Colloquium
Climate: Prediction And Variability. William Hsieh, Earth and Ocean Sciences. Hennings 318 at 12noon. Refreshments. Call 604-822-3116.

Wednesday Noon Hours
Bellini, Schubert, Tchaikovsky And Debussy. Dale Thrones, voice; Suzanne Klukas, piano. Music Recital Hall at 12noon. $4. Call 604-822-5574.

Cecil And Ida Green Visiting Professorships
Was The Polis A State Or A Stateless Society? Prof. Mogens Herman Hansen, Copenhagen Polis Centre. Buchanan D-239 at 1pm. Call 604-822-5675.

Obstetrics And Gynecology Seminar
Movies: Cell Biology And Ovulation. Dr. Nelly Auersperg, BC Women's Hosp. 2N35 from 2-3pm. Call 604-875-3108.

Chemical And Biological Engineering Seminar
A Computer Model Of Endometiral Thermal Ablation For Treatment Of Menorrhagia. Daniel Reinders. ChemEng 206 at 3:30pm. Call 604-822-3238.

Law And Society
The (Inexorable?) Growth Of Large Law Firms. Marc Galanter, U of Wisconsin-Madison. Green College at 5pm. Call 604-822-1878.

Cecil And Ida Green Visiting Professorships
Fireside Chat: The City-State In World History. Prof. Mogens Herman Hansen, Copenhagen Polis Centre.

ICICS Distinguished Lecture Series
Basic Concepts In Object-Oriented Programming. Kristen Nygaard, U of Oslo. CICSR/CS 208 from 4-5:30pm. Call 604-822-6894.

Physics Colloquium
Karl Erdman, Ebco. Hennings 201 at 4pm. Call 604-822-3853.

Seminar
The Myanmar Way: Burman Cultural Values, Authoritarian Rule And The Tensions Of Globalization. Bruce Matthews, Comparative Religion, Acadia U. CK Choi 129 from 4:30-6pm. Call 604-822-4688.

FRIDAY, OCT. 26

Grand Rounds
BC Hepatitis Prevention And Care Program. Mel Krajden, virologist, BC Centre for Disease Control. Mather 253 from 9-10am. Call 604-822-2772.

Fisheries Seminar
Study Of Phytoplankton Ecology In Ambon Bay. Tonny Wagey, Oceanography. Hut B-8, Ralf Yorque Room from 11am-1pm. Call 604-822-2731.

Pharmaceutical Sciences Seminar
Getting The Message: Sensory Axon Regeneration In The Spinal Cord. Asst. Prof. Matt Ramer. IRC #3 from 12noon-1pm. Call 604-822-2052.

Seminar
Japan's Optical Industry During The 1920s, 1930s, And The Post-WWII Era. Jeff Alexander, History. CK Choi 120 from 12:30-1:30pm. Call 604-822-4688.

Occupational and Environmental Hygiene Seminar
Teacher Health And Safety. Lynne Sinclair, British Columbia Teachers' Federation. BioSciences 2321 from 12:30-1:30pm. Call 604-822-9861.

Geography Colloquium
Hospice And The Spatial Paradoxes Of Terminal Care. Michael Brown, U of Washington. Geography 212 from 3-4pm. Refreshments. Call 604-822-2663.

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: 604-UBC-INFO (604-822-4636). Fax: 604-822-2684. An electronic form is available at www.publicaffairs.ubc.ca. Please limit to 35 words. Submissions for the Calendar's Notices section may be limited due to space. Deadline for the Nov. 1 issue of *UBC Reports*—which covers the period Nov. 4 to Nov. 17—is noon, Oct. 23.

School of Nursing
Marion Woodward Lecture
Cancer And The Family: Lessons Learned From Children And Adolescents. Dr. Frances M. Lewis, U of Washington. IRC #2 from 7-8pm. Refreshments, reception. Call 604-822-7453.

FRIDAY, NOV. 2

Peter Wall Institute Exploratory Workshop
Reparations For Historical Injustices. Various speakers. University Centre 307 from 9am-5pm. Continues Nov. 3. Call 604-822-4837.

Grand Rounds
Consumer Reporting For Adverse Reactions For Drugs And Medical Devices. Colleen Fuller. Mather 253 from 9-10am. Call 604-822-2772.

Chalmers Institute
Introduction To Centering Prayer. Rev. Christopher Page, St. Philip's Church. VST 105 from 9:30am-4pm. $100; $90 group; $50 seniors. Refreshments, lunch. To register, visit www.vst.edu. Call 604-822-9815.

Fisheries Seminar
The Regulation Of Population Abundance In Lacustine Rainbow Trout. Eric Parkinson, BC Ministry of Fisheries. Hut B-8, Ralf Yorque Room from 11am-1pm. Call 604-822-2731.

Pharmaceutical Sciences Seminar
Genome-Wide Expression Analysis In S. Cerevisiae During Wine Ferment. Prof. Hennie Van Vurren, Food Biotechnology. IRC #3 from 12noon-1pm. Call 604-822-2052.

Occupational And Environmental Hygiene Seminar
Effects Of Globalization On Worker Health And Safety. Garrett Brown, American Industrial Hygiene Association Sweatshop Task Force. Scarfe 100 from 12:30-1:30pm. Call 604-822-9861.

Geography Colloquium
Working At The Borders Of Imperialism: Filipina Domestic Workers And Hierarchies Citizenship. Geraldine Pratt. Geography 212 from 3-4pm. Refreshments. Call 604-822-2663.

Mathematics Colloquium
ERDOS Magic. Prof. Joel Spencer, New York U. Math 100 at 3pm. Refreshments Math Annex 1115. Call 604-822-2666.

SATURDAY, NOV. 3

Vancouver Institute Lecture
The Virtues Of Violence: Gladiators, The Arena, And The Roman System Of Values. Prof. Kathleen Coleman, Harvard U. IRC #2 at 8:15pm. Call 604-

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Call for Nominations

Two positions on the UBC Board of Governors, and 10 at-large positions on the UBC Senate, will be available for representatives of full-time faculty members.

These are elected positions and nomination forms are available at Enrolment Services, Brock Hall, 2016 - 1874 East Mall, UBC.

For further information, or to download nomination forms, please visit HTTP://STUDENTS.UBC.CA/EVENTS/ELECTIONS

Nominations must be received by Enrolment Services no later than 4 p.m. on Monday, Nov. 5, 2001.

The Iona Building at Vancouver School of Theology on the UBC campus. Photo: Perry Danforth

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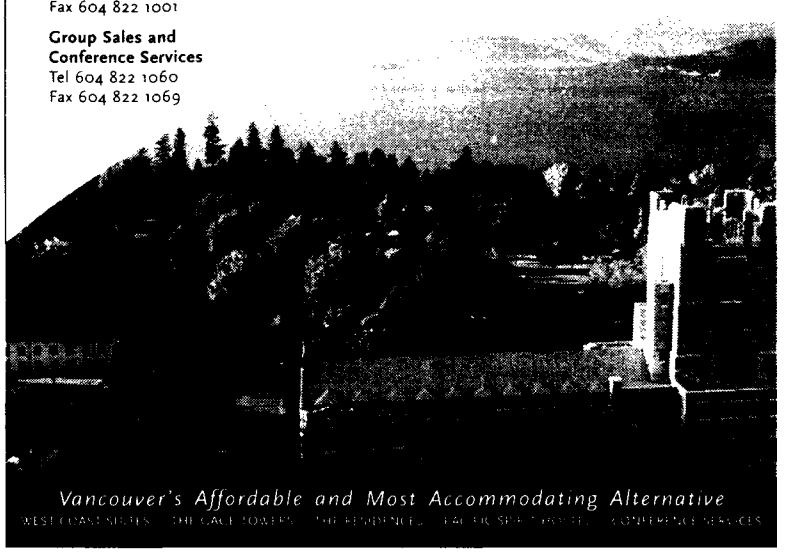

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The incumbent will report to the Senior Associate Dean, Research, Planning and Health Care System and through the Associate Dean, is accountable to the Faculty Executive Committee and the Faculty. Responsibilities include: Faculty-Wide – provide leadership in assuring excellence in the training of FOM graduate students at all geographic sites of graduate training including partner hospitals and on the Point Grey Campus; provide leadership in working with government and community partners to enhance health research at UBC; lead, in partnership with the Senior Associate Dean and Assistant Deans Research, in the integration of the research effort at all sites, in other faculties at UBC, and with other research universities in order to achieve maximal synergy of effort; maintain the Faculty grants approval process and central monitoring of grant applications and approve, on behalf of Faculty (with delegation to appropriate Assistant Dean) all research grants submitted to granting agencies. Point Grey Campus (excluding UBC Hospital) – provide leadership and be the key FOMrepresentative in developing the new Life Sciences Centre, and work with other research leaders to maximize the research effectiveness from this new development; represent the views of researchers on the Point Grey campus in all appropriate forums; oversee the planning allocation (in consultation with Department Heads) and utilization of UBC FOM research space on the Point Grey campus including maintaining data on space inventory, utilization and maintenance; work with the Vice-President, Research, UBC to enhance resources available for research.

UBC hires on the basis of merit and is committed to employment equity. We encourage all qualified persons to apply.

Applications, accompanied by a detailed curriculum vitae and names of three references, should be directed by Nov. 15, 2001 to:

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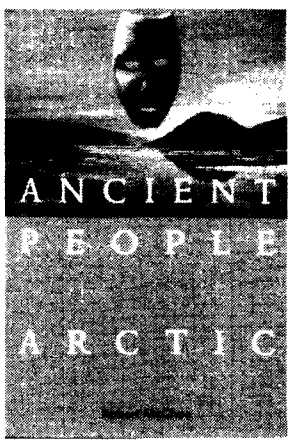

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Enquiries: 604-UBC-INFO (604-822-4636) · *Rate:* $16.50 for 35 words or less.

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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.

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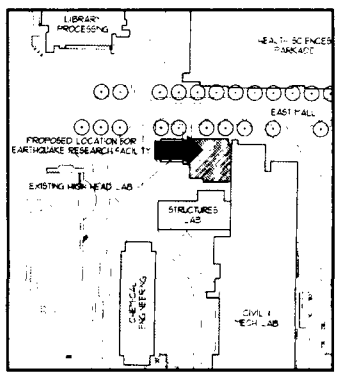

Friday, Oct. 26th
12 to 1:30 p.m.
Cedars Room, Ponderosa Building, 2071 West Mall

To present and review the schematic design for the Earthquake Research facility proposed for the south side of the High Head lab at 2225 East Mall. The project is 2 storeys with total floor area of 7,800 sq. ft.

Construction is anticipated to be completed with occupancy in 2002.

This event is wheelchair accessible. Individuals needing assistive listening devices, captioning, or information on alternate media should contact Deborah Mac Donald at 822-0463 one week in advance of the meeting. If information on the location of the meeting is required, please contact Deborah Mac Donald.

Free parking will be available in the West Parkade. Please pick up a parking pass after the meeting in order to exit the Parkade without charge.

Questions or for further info: John Percy, 604-822-8248 or Jim Carruthers, 604-822-0469, UBC Campus Planning & Development.

MASS SPECTROMETER MANUFACTURERS' SYMPOSIUM

Presented by the B.C. Regional Mass Spectrometry Discussion Group

Thursday, Oct. 25 at the
Student Union Building (SUB), UBC, **Rm 214/216**

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PROGRAM: Presentations by international mass spectrometer manufacturers about their latest instrumentation and analytical techniques.

8:20	Introduction (F. Abbott, G. Eigendorf, UBC)	
8:30	THERMO-FINNIGAN:	Advances in Bio-organic sample analysis by LC-MS using State-of the-Art Triple Quadrupole and Ion Trap Mass Spectrometers.
9:20	BRUKER DALTONICS:	High Resolution Bio Mass Spectrometry with FT-ICR.
10:10	Coffee (provided)	
10:30	MICROMASS:	High sensitivity Proteome analysis using a combination of MALDI and ESI-MS/MS on a Q-TOF mass spectrometer.
11:20	VARIAN:	"Quad-Trap" 2001: Improved ion trap mass scanning performance using asymmetric trapping fields and a brief preview of the coming GC-LC interconvertable 1200MS "bent" triple quadrupole.
12:10	Lunch break	
13:00	AGILENT TECHNOLOGIES:	Ion Trap enhancements for Protein and Peptide analysis.
13:50	APPLIED BIOSYSTEMS/ MDS SCIEX:	Tools for Proteomics at AppliedBiosystems/. MDS SCIEX
14:40	Coffee (provided)	
15:00	JEOL:	What to do with slow electrons: applications of the tuneable energy electron monochromator (TEEM).
15:50	Conclusion (F.Abbott, G. Eigendorf)	
16:00	OPEN FORUM:	Meeting with company representatives including WATERS LTD.

Inclusivity Poster Contest

Entries to: UBC Equity Office, Brock Hall
Deadline: 9 am, Nov. 7
More info. www.geocities.com/inclusivity/index.html
Sponsored by the Alma Mater Socieity and the Committee for an Inclusive Campus Community

Music Prof. Martin Berinbaum at the podium. *Don Wells photo*

'Community' is music to his ears

Popular outreach programs develop musicians of all ages

DISDAIN FOR THE TERM 'ivory tower' has inspired Music Prof. Martin Berinbaum's career at UBC.

The results of his efforts to create performance-based music programs that engage the community can be seen and heard in the Chan Centre, as well as concert halls throughout the world.

"My greatest reward has been seeing the acceptance of our students by the profession," says Berinbaum. "We've produced a lot of major leaguers."

It was a chance stop in a 1976 concert tour that started it all.

A recent graduate of Julliard, Berinbaum was a gifted trumpeter and conductor. In Vancouver to perform, he looked up a former colleague who was teaching organ at UBC. It just so happened that UBC was looking for a combination trumpet teacher and band director.

"Marty" to his students, has been the driving force of much change at the School of Music, particularly the school's transition from a pure music education program to a performance-based one.

He predicts that the majority of the 400 current graduate and undergraduate students will go on to performance careers.

Among his initiatives is an honour band program that annually attracts B.C.'s best high school music students for two days of rehearsal followed by a concert. Often the students later enrol in UBC's music program.

The School of Music's Summer Institutes, which he started in 1993, attract upwards of 250 students annually. Ranging in age from seven to 83, they study and perform complex works under the guidance of some 70 teachers and assistants.

Now, after a quarter century as a teacher, performer, conductor and community ambassador, his only regret is that it will all end much too soon.

"I have no burning desire to stop," says Berinbaum. "I love every day of it. It's not 'work' for me."

FEATURE

Veteran faculty share a strong sense of community

Stories by Don Wells

UBC honours sterling silver teachers, scholars

A TOTAL OF 49 FACULTY will be inducted into UBC's Quarter Century Club tonight at the University Centre in recognition of 25 years of academic service to UBC and its students.

When they arrived on Point Grey in 1976, Paul McCartney and his new band Wings were touring Yugoslavia and Nadia Comaneci had just won three gold medals at the Montreal Olympics. In California, NASA unveiled the space shuttle Enterprise and Viking 2 landed on the planet Mars.

The three faculty members profiled here exemplify the impact UBC faculty members continue to make upon the lives of individuals and communities both within and beyond the university's gates.

Other new Quarter Century Club members include:

• AGRICULTURAL SCIENCES: George Kennedy, Agricultural Economics; Brenton Skura, Food Science; Michael Pitt, Plant Science • APPLIED SCIENCE: Linda Leonard, Nursing • ARTS: Paul Mosca, Classical, Near Eastern and Religious Studies; Gernot Wieland, English; Marvin Cohodas, Rhodri Windsor-Liscombe, Fine Arts; Jacques Bodolec, French, Hispanic and Italian Studies; Michael Bovis, Michael Church, Graeme Wynn, Geography; Klaus Petersen, Germanic Studies; Stephen Chatman, Music; James Russell, James Steiger, Psychology • COMMERCE AND BUSINESS ADMINISTRATION: Alan Kraus, David McPhillips • CONTINUING STUDIES: Francis Andrew • DENTISTRY: Bruce Blasberg, Colin Price, Oral Biological and Medical Sciences; Alan Lowe, Michael MacEntee, Oral Health Sciences • EDUCATION: Marvin Westrom, Curriculum Studies; Donald Fisher, Educational Studies • LAW: Donald Egleston, Robin Elliot, Keith Farquhar, Marilyn MacCrimmon • LIBRARY: Patrick Dunn, Koerner Library • MEDICINE: Bernard Bressler, Anatomy; Robert Molday, Biochemistry; Gary Quamme, Donald Studney, Medicine; Jack Rootman, Ophthalmology; James Carter, Alexander Ferguson, Paediatrics; Ernest Puil, Pharmacology and Therapeutics; Felix Durity, Surgery • SCIENCE: Gary Bradfield, Anthony Glass, Paul Harrison, Botany; Paul Harrison, Earth and Ocean Sciences; Robert Miura, Mathematics; William Unruh, Physics and Astronomy; John Petkau, Statistics; Anthony Sinclair, Zoology

Life's work revolves around family

Commitment is to teaching and developing caregivers

THE DYNAMICS OF CAREGIVING across generations sparks Nursing Assoc. Prof. Clarissa Green's compassion and curiosity.

Educated as a nurse with a background in family therapy, Green was initially attracted to UBC because she wanted to teach adult learners as well as family nursing.

"My students appreciate my professional experience in the area I teach," she says. "I've maintained a professional practice with families throughout my academic career."

Her clinical practice and research focus on intergenerational stress, a growing demographic circumstance that spawned the term "sandwich generation" to describe middle-aged adults raising children as well as caring for aging parents.

Experiential and interdisciplinary learning have been the hallmarks of her teaching as she has involved students in interdepartmental projects designed to address emerging community needs.

One such endeavour is the certificate program she co-developed in 1996 — Counseling and Working with an Aging Population. The seven-month, part-time program is offered by Continuing Studies Women's Resource Centre (WRC).

Nursing Assoc. Prof. Clarissa Green

She is currently co-developing Widowed Journey, a community-based project to address issues faced by growing numbers of widows and their families.

She also helps others improve their teaching through the UBC Centre for Teaching and Academic Growth.

Among the most striking and positive changes she has noticed at UBC is increased age, race and gender diversity among students.

A less positive change, she feels, has been the manner in which communication technology and larger classes, while essential, also tend to reduce contact with students.

"I miss that," she says. "Lively face-to-face interaction with students ensures that I keep learning."

Involved educator covers the campus

From day care to research institutes, scholar keeps busy

EDUCATIONAL STUDIES Prof. Patricia Vertinsky has coined a term to describe herself and her relationship with UBC.

"I'm very much a 'pan-campus' person, she says. "What I enjoy most after 25 years at UBC are the long-lasting academic relationships I have with colleagues across the campus."

She has served on more committees and boards than many seasoned community leaders.

The dozen or so she lists include UBC's Senate, Green College, St John's College and the Peter Wall Institute for Advanced Studies.

She's played a key role in projects ranging from converting old army huts into day-care centers to promoting interdisciplinary research by co-founding the Individual Interdisciplinary Studies Graduate Program and the Institute of Health Promotion Research.

She has also served as both an associate dean, Graduate Programs and Research, and head of the Dept. of Educational Studies.

Vertinsky's research focuses on the social, cultural and historical dimensions of health and the body, especially in relation to gender, aging and disability.

She has worked to advance understanding of the complex social and cultural determinants of health and exercise in society.

Among her recent international collaborative projects is a large study in Hong Kong of elderly people and their exercise habits in confined surroundings.

Personality and wide-ranging research interests only partially explain her familiarity with so many people and places on Point Grey.

"As a scholar, I have a responsibility to the campus community," she says.

Education Prof. Patricia Vertinsky