

UBC REPORTS

Volume 43, Number 16

October 2, 1997

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Richard Lam photo

Capping a day spent breakfasting with students and participating in a forum with faculty and students to explore the future of undergraduate education at UBC, President Martha Piper delivers her installation address to a Chan Centre audience. The full text of her speech is reprinted on page 8.

"Think about it"

Piper invites campus to redefine its mission

There have been 10 other presidential installations at UBC but the campus has never seen anything quite like the one that took place Sept. 25.

President Martha Piper set the tone for her term of office when she dispensed with the formal trappings of the ceremony to don a ballcap bearing her speech's theme, "Think About It."

More than 1,000 "thinking" caps were distributed to the audience as they left the ceremony in the Chan Centre for the Performing Arts.

The University Singers performed a spirited Think About It gospel song to end the ceremony.

The song came at the end of a speech in which Piper told the audience that UBC is poised to become Canada's pre-eminent university, but must redefine its academic mission to meet the challenges of the 21st century.

Piper challenged faculty, staff and students to engage in a "full and open discussion" to redefine the nature of

the university's research and learning environment.

"Over the next several months, we will collectively engage in developing the academic vision for the University of British Columbia for the 21st century. I invite each of you to participate in this dialogue and to actively think about our future," she said.

Piper said that in redefining the academic environment, the university community must take into account three trends: increasing internationalization, inter-disciplinarity, which allows for the cross pollination of knowledge, and the rapid expansion of information technology.

As well, universities must re-examine the purpose of the undergraduate educational experience, she said. In particular, ways must be found to integrate research activities — a strength

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For speech, see Page 8

Welcome mat out for Homecoming '97

The UBC campus will welcome friends old and new at Homecoming '97, a six-day event that runs Oct. 14-19.

Among the highlights are class reunions, varsity football, the annual Great Trekker Award, a chance to meet UBC's new president Martha Piper and tour new facilities like the Koerner Library and the Chan Centre for the Performing Arts.

One of the new features of Homecoming '97 is Alumni Day. Held on Saturday, Oct. 18, it offers a personal greeting from Martha Piper and special tours of campus.

"Alumni have always been very welcome at Homecoming, as are students and their families and all UBC faculty and staff, but this year we really wanted to do something special for our past grads," said Leslie Konantz, associate executive director of the Alumni Association. "And that includes the 1,700 UBC grads who are among our current faculty and staff."

Alumni Day kicks off at 9:30 a.m. in the Chan Centre for the Performing Arts, where guests will munch on UBC's famous cinnamon buns, hear a welcoming address from Piper and be entertained by the UBC Symphony Orchestra conducted by Jesse Reid. Tours will follow of the new Chan Centre, which has won national acclaim.

Visitors can get a look at the rest of campus when free bus tours are offered from noon to 4 p.m. Much has changed since many grads have set foot on campus. Tour highlights will include the Belkin Art Gallery, the C.K. Choi building, the Student Recreation Centre and the Koerner Library.

A closer look at the new state-of-the-art

Koerner Library will be offered from 1-4 p.m. Advanced and beginner workshops on the World Wide Web will be given.

Meanwhile, over at Green College, guests at the 1 p.m. Alumni Lunch will hear UBC Vice-President, Research, Bernie Bressler give an overview of UBC's research strengths.

He is followed by engineering professor Indira Samarasekera who will tell lunch guests why steel is cheaper than onions, more environmentally friendly than aluminum and the building material of the future.

Also during Alumni Day, there are poetry readings at the First Nations Longhouse, the Apple Festival at the Botanical Garden and the Vancouver Institute Lecture featuring educator Larry Cuban.

Homecoming begins with the annual Favourite Professor Series. This year, historian Robert McDonald talks about Henry Bell-Irving, the Vancouver patriarch who built a financial empire in the 1880s. McDonald speaks in the Hotel Georgia on Tuesday, Oct. 14.

Other events include classical music concerts, a murder mystery night at Cecil Green Park House and an alumni varsity swim meet. On Oct. 17, the Thunderbirds take on the University of Alberta in a varsity football showdown.

Homecoming even extends far, far beyond Blanca Street. Alumni branches plan special events in Edmonton, pub night in San Francisco and Los Angeles and a sports day in Hong Kong.

For more information on Homecoming events, call (604) 822-3313.

Campaign kicks off with a wave

The United Way kicks off its annual UBC campaign Oct. 7 when volunteers will wave to people arriving on campus as a reminder of UBC's tradition of strong participation in the campaign.

Employee Campaign Chair Peter Nault, Plant Operations, says UBC hopes to contribute \$310,000 this year to United Way's goal of raising \$24.2 million in the Lower Mainland.

Last year, UBC raised over \$304,000 in support of United Way's 105 agencies and 31 affiliate agencies. UBC also produced more single donations of \$1000 or more than any other organization.

Nault also hopes to increase the participation rate among potential donors

to 20 per cent from 17 per cent.

"It shouldn't be too hard to get one in five to join the campaign. By working together, we can collectively help improve the lives of over 500,000 people during the coming year," says Nault.

Faculty and staff will soon receive pledge forms. Donations can be made through payroll deduction, by credit

card or cheque.

"Donors can designate their donations to a specific charity or to an area of need," says Kelly Gray, United Way's campus campaign co-ordinator.

Fund-raising events planned by faculty, staff and students include prize

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United Way

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Where were they in 1972? These faculty were here on campus

People Power

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Canada's Year of Asia Pacific: There's an alternative to the Leaders' Meeting

President

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at UBC — with undergraduate education.

"Such is the challenge: to create a learning environment, based upon our outstanding research and scholarship, that will prepare the next generation to think — to think about themselves, to think about the world in which they live and to think about the key roles they will play in the betterment of the human condition," Piper said.

Chancellor William Sauder led Piper in the oath of office. Board of Governors Chair Shirley Chan conducted the official robing, exchanging Piper's academic robes from McGill University, where she earned her doctorate, for the robes of UBC's president.

Representatives of 30 Canadian universities delivered their greetings to the new president. As well Piper congratulated 77 new students who had won major entrance scholarships.

The ceremony capped a day of events, many of which featured students in prominent roles. It began with Piper meeting a randomly chosen group of 25 students for breakfast.

Later in the morning, the new president took part in a forum titled "Thinking the Future of Learning," an exploration of the possibilities for undergraduate education at UBC. At the forum, Piper challenged the university community to come up with innovative methods of learning.

An informal outdoor reception for the entire campus community was held at the Flagpole Plaza immediately following the installation ceremony.

Education opens doors to celebrate

UBC's Faculty of Education is celebrating its 40th anniversary with a series of special events Oct. 17 and 18, held in conjunction with Homecoming '97.

"As any individual does when marking a 40th birthday, the faculty will take time to reflect, to celebrate and to consider the future. We invite all our friends and family, alumni and supporters to join us in making the celebration memorable," said Education Dean Nancy Sheehan.

Education at UBC has evolved from the appointment of a single professor, George Moir Weir in 1924, to its present status as one of the largest faculties on campus.

Today, about 144 faculty members conduct research and teach in five departments, four centres and one school. Scholarship interests range from day care and early childhood education to gerontology education.

Research is carried out in schools, professional organizations, local communities and First Nations reserves. As well, faculty provide research and policy advice to various levels of government.

The anniversary celebrations get underway with an opening ceremony at 4 p.m., Friday, Oct.

17 in the Scarfe building. UBC President Martha Piper and the Hon. Paul Ramsey, Minister of Education, Skills and Training are guest speakers.

On Saturday, Oct. 18, a day-long open house showcases the faculty's activities with lectures, and demonstrations. Faculty and class reunions will also be held. All are welcome to attend. The open house will be held from 10 a.m. to 5 p.m. in the Scarfe building.

Also Saturday, a Dean's luncheon will be held at the First Nations Longhouse featuring guest speakers Deans Emeritii John Andrews and Daniel Birch and special guest Martha Piper. Cost is \$30 per person.

That evening the Vancouver Institute Lecture, held at 8:15 in Woodward IRC lecture hall 2, will be of great interest to educators.

Larry Cuban will speak on "What are good schools and why are they so hard to get?" Cuban, whose experience includes teaching in ghetto schools, has been named teacher of the year six times at Stanford, where he teaches in the Faculty of Education.

For more information on the Faculty of Education's anniversary events, call (604) 822-3790.

United

Continued from Page 1

give-aways, a pancake breakfast, salmon barbecue and Oktoberfest.

One lucky donor will receive this year's grand prize—a trip for two to any Canadian Airlines North American destination.

One in three people in the Lower Mainland will be helped by donations to United Way this

year. United Way supports crisis and emergency services, care for seniors and persons with disabilities, and assistance to families and individuals with a variety of needs.

For information on the campaign, which runs until Nov. 24, or to volunteer, call (604) 294-4WAY.



THE UNIVERSITY OF BRITISH COLUMBIA

Public Information Meetings

for the campus and neighbouring community

on UBC's role in

APEC '97

and its impact on the campus and community

Oct. 7, 1997 • 12:30-1:30pm, Angus 104
• 7-8pm, Angus 104
2053 Main Mall

Nov. 6, 1997 • 12:30-1:30pm, Angus 104
• 7-8pm, Angus 104
2053 Main Mall

For further information on the meeting call Carolyn McLean, UBC APEC Office, 822-2080; fax 822-1936; e-mail apec@unixg.ubc.ca

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Third Annual Alumni Achievement & Sports Hall of Fame Dinner

... in support of UBC student scholarships



Special Guest Speaker

Dr. Martha Piper
UBC President

6:30pm, Thursday, October 23
Hyatt Regency Hotel



Live Auction

of bookings for two on the spectacular
Journey of the Czars Cruise

Tickets:

\$1,000 table of 8

\$125 individual

GST included

Tax receipts will be issued

For more information contact:

UBC Alumni Association, (604) 822-3313

Department of Athletics and Recreation, (604) 822-8205

Don't miss the best Alumni and Athletics event of the year!



UBC REPORTS

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Changes mark 25 years of teaching

by Stephen Forgacs

Staff writer

Every now and then, History Prof. George Egerton hears from people he taught when he first came to UBC in the 1970s. Some of those students, now in the employ of the Canadian Foreign Service, have gone from studying history and foreign policy to being very much a part of it.

"When I first came to UBC we would teach up to the Cuban Missile Crisis," he says, adding that at that time few historians could predict the demise of the Soviet Union, and fewer still the speed with which the collapse finally came.

"You can see continuity, you can make predictions, but the course of events is always surprising."

Egerton, and Plant Science/Zoology Prof. Judith Myers, are two of 46 UBC faculty members who join the Quarter Century

Club this year. Club members all have 25 or more years of service at UBC.

Egerton, who teaches courses in 20th Century History, Canadian Foreign Policy, and the Great Powers of the 20th Century, mentions the Internet and the arrival of technology-based information networks as a significant change for professors and students alike.

On sabbatical until July 1998, Egerton is working on three projects, including the creation of a web site, to be linked to the United Nations library site in Geneva, containing graphic and documentary information and interpretive scholarly articles on the League of Nations. He is also continuing to offer a course to 50 students through distance education using e-mail.

Myers, who came to UBC in 1972 with a cross appointment in Plant Science and Zoology, is quick to point out the increase in the number of female faculty members that she's witnessed since she arrived.

"When I started I was the only woman in the department," she says. "Now there are five of us."

A recent front page of *UBC Reports*, which featured UBC President Martha Piper and Vice-President, Student and Academic Services, Maria Klawe, both accomplished academics in senior posi-

tions, brought home the fact that times really have changed, she says.

In 1972, Myers, who still works out of the same office in one of UBC's oldest buildings, began investigating the "alien invaders" she says threaten Canada's agriculture, forestry and quality of life. Knapweed, purple loosestrife, European craneflies, and winter moths are just a few of the exotic pests Myers and her graduate students attempt to control through the introduction of natural enemies. She now has 21 years' worth of data on tent caterpillar population alone, and has just witnessed the third peak in the 10-year caterpillar population cycles.

"Probably the most important thing though, is that I'm really happy here," she says.

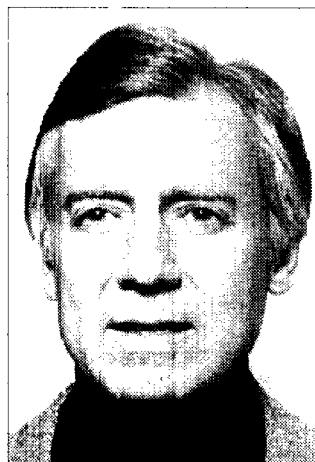
This year's new members will be inducted on Oct. 9 in the Graduate

Centre Ballroom: William O'Valle, Anatomy; James Shelford, Animal Science; Tissa Fernando, Patricia Marchak, Richard Matson, James Powell, Kenneth Stoddart, Anthropology and Sociology;



Myers

Elliott Burnell, Chemistry; Francis Navin, Civil Engineering; Shirley Sullivan, Classical, Near Eastern and Religious Studies; Michael Seelig, Community and Regional Planning; Donald Mosedale, Kenneth Slade, Shirley Wong, Continuing Studies; Jonathan Kesselman, Donald Paterson, Economics; Billie Housego, Educational Psychology and Special Education; Murray Elliott, Educational Studies; Edward Jull, Electrical Engineering; Jerry Wasserman, English; John Vanderstoep, Food Science; David Ley, Geography; Ana Gomes, Hispanic and Italian Studies; David Breen, George Egerton, W. Alan Tully, History; Anthony Dorcey, Kenneth Hall, Institute for Resources and Environment; Joost Blom, Law; N. L. Schultz Baldwin, Library; David Ingram, Linguistics; John Walsh, Mathematics; Frederick Dill, Stephen Wood, Medical Genetics; Raymond Thompson, Nursing; James Axelson, Donald Lyster, Pharmaceutical Sciences; Birger Bergerson, William McCutcheon, Physics and Astronomy; Judith Myers, Plant Science; Hans Fibiger, Psychiatry; Tannis MacBeth, Peter Suedfeld, Psychology; Ian Cleator, Surgery; Peter Loeffler, Jerry Newman, Theatre, Film and Creative Writing.



Egerton



Stephen Forgacs photo

Judy Newton, education assistant at UBC's Botanical Garden, checks out the garden's apple crop in anticipation of the seventh annual Apple Festival, Oct. 18-19 from 11 a.m. to 4 p.m. Visitors can sample 60 varieties of apples and ask questions of Newton and the Canadian Gardener, UBC's David Tarrant. For information, call 822-3928.

Canada's Year of Asia Pacific

CANADA'S YEAR OF ASIA PACIFIC 1997 L'ANNÉE CANADIENNE DE L'ASIE-PACIFIQUE

Canada 1997

Faculty, students take part in People's Summit

A few days before APEC leaders meet in Vancouver this November to discuss trade and economic issues, another group will gather across town with a very different agenda.

They are the members of the People's Summit, a coalition of labour, women's, environmental, human rights, and First Nations' groups who have organized an alternative parallel conference to APEC from Nov. 17 to 22 at the Plaza of Nations.

Working with them will be a group of 20 UBC faculty members and graduate students who belong to the APEC Research and Information Network, which is based in the Institute of Asian Research.

Network members are drawn from a diverse group of departments and faculties, such as Community and Regional Planning, Sociology, Political Science, and Commerce and Business Administration. They are co-sponsoring an issues forum on Public Education and Research at the People's Summit on Nov. 19-20.

The forum research panels will focus on economic and social issues in APEC. There will also be an open research exchange for delegates.

"What we've tried to do with the network is bring together various faculty members who are interested in APEC issues and who support the role of non-governmental organizations," said John Price, a honorary research associate at the Institute of Asian Research who specializes in international labour history.

Network members will join hundreds of other delegates at the summit, many of them from overseas, who disagree with the trade liberalization thrust of the APEC agenda.

"Canadian NGOs and others are upset that the APEC Leaders' Meeting centres on enshrining the rights of transnational corporations while other rights, such as human rights and aboriginal rights, are not on the agenda at all," Price said.

The network will also host a session on APEC Nov. 18 at the Asian Centre Auditorium. It is co-sponsored by the Institute of Asian Research, the Sustainable Development Research Institute and the Canadian Association for Studies in International Development.

Earlier in the year, the network held a series of seminars on APEC. Price, meanwhile, worked on a brief to the federal government called *Canada and APEC: Perspectives from Civil Society*.

For information on the education and research forum or the Nov. 18 UBC event, contact 822-3937.

More information about APEC and UBC's involvement will be available at a public meeting to be held Oct. 7 from 12:30-1:30 p.m. and 7-8 p.m. in Angus 104. Information can also be found on the World Wide Web at www.ubc.ca under "News, Event, and Attractions."

In future issues of *UBC Reports*, this column will look at the impact on campus of the Leaders' Meeting on Nov. 25, including security, parking and traffic management plans.

Buildings and facilities that will be affected the day of the meeting include the Chan Centre for the Performing Arts, the Museum of Anthropology, the Anthropology and Sociology building, the Graduate Student Centre, Nitobe Garden, International House and the Rose Garden Parkade.

T-Birds seek victory in Shrum grudge match

Hot off its crushing 32-0 victory over the Manitoba Bisons, the UBC Thunderbird football team is set to take on cross-town rivals, the Simon Fraser University Clansmen, in the 20th annual Shrum Bowl at Swangard Stadium Oct. 4.

UBC is looking to break the tie in Shrum Bowl scores. Since the first game in 1967, UBC and SFU have each won nine games and tied once. The T-Birds, tied for first place in Canada West standings, are also keen to regain the Shrum Bowl champion's title from SFU,

who won last year's game.

The Thunderbirds are on a record breaking roll with running back Mark Nohra recently setting a new UBC record for total offensive yards, and defensive back Curtis Galick breaking the UBC record and tying the CIAU record for interceptions in a single game with four interceptions in the game against Manitoba.

Shrum Bowl kickoff is at 7:30 p.m. Advance tickets can be purchased at the War Memorial Gym until noon Oct. 3.

Calendar

October 5 through October 18

Sunday, Oct. 5

Exhibition Opening Reception

Sunrise In The West. Paul Pahal and Ameen Gill. MOA lower lobby from 2:30-4pm. Continues to Nov. 11. Refreshments. Call 822-5087.

Green College Performing Arts Group

A Reading From His Work. George Payler, writer. Green College at 8pm. Call 822-1878.

Monday, Oct. 6

3M Lecture in Materials Science

Inorganic Life. Prof. Geoff Ozin, Chemistry, U of Toronto. Chemistry D-225, (centre block) at 11:30am. Call 822-3266.

Public Lecture

Language Contact And The Chinese Language. Prof. Benjamin Tsou. Asian Centre 604 from 2-3pm. Call 822-5198, 822-3881, 822-9266.

IAM Colloquium

Schrodinger Resonances And Their Asymptotic Distribution. Prof. Richard Froese, Mathematics. CSCI 301 at 3:30pm. Call 822-4584.

Mechanical Engineering Seminar

CICSR: The Vision, The Accomplishments, The Challenges. Prof. Rabab Ward. CEME 1202 from 3:30-4:30pm. Refreshments. Call 822-3770.

Biochemistry and Molecular Biology Discussion Group

Glycosyltransferases From Neisseria Meningitidis: Expression And Characterization Of Three Enzymes Involved In Lipopolysaccharide Outer Core Biosynthesis. Dr. Warren Wakarchuk, National Research Council, Ottawa. IRC #4 at 3:45pm. Refreshments at 3:30pm. Call 822-3402.

Complexity Seminar Series

Tsallis' Non-Extensive Entropy, Examples Of Applications To Systems With Long Range Interactions. Birger Bergersen, Physics and Astronomy. Hebb 12 at 3:30pm. E-mail baumann@unixg.ubc.ca.

Green College Resident Speaker Series

Have A Heart: Punitive Spectacle And The Female Body In "Tis Pity She's A Whore." Kate Willem, English. Green College at 5:30pm. Call 822-1878.

Exhibition

IN/Flux: Asia Pacific Artists Group Exhibition. Asian Centre Aud. from 12-5pm. Continues to Oct 9. Call 643-9279.

Tuesday, Oct. 7

Faculty Women's Club Meeting

First Impressions. President Martha Piper. Cecil Green Park House at 10am. New members welcome. Refreshments. Call 224-4419.

APEC '97

Public Information Meeting For Campus And Neighbouring Community. Angus 104 from 12:30-1:30pm, 7-8pm. Call 822-2080.

Seminar

Effect Of Iron Limitation On Nitrate Assimilatory Enzymes, Nitrate And Nitrate Reductases In Marine Phytoplankton. Allen Milligan, Botany. BioSciences 2000 from 12:30-1:30pm. Call 822-2133.

Lectures in Modern Chemistry

Self-Assembly In Space. Prof. Geoff Ozin, Chemistry, U of Toronto. Chemistry B-250, (south wing) at 1pm. Refreshments from 12:40pm. Call 822-3266.

Continuing Studies Lecture

Death Sentences. Deborah Lendon, MA. Hotel Georgia from 2-3:30 pm. Continues to Nov. 25 (except Nov. 11). \$75; seniors \$65; TAS members \$60. Call 822-1450.

Statistics Seminar

Comparing The Shapes Of Regression Functions. Dr. Nancy Heckman, Statistics. CSCI 301 from 4-5:30pm. Refreshments, bring mug. Call 822-0570.

Green College Speakers' Series

The Gulf War In Somalia Featuring Material From His Play, A Line In The Sand. Guillermo Verdecchia, Actor and Playwright. Green College at 5:30pm. Reception from 4:45-5:30pm. Graham House. Call 822-1878.

Reading

Reading Into Cultures. Phinder Dulai; Surjeet Kalsey; Sadhu Binning, MOA, lower lobby from 7-8:30pm. Refreshments. Call 822-5087.

Continuing Studies Lecture

Film And Counterculture. Anthony Kinik. Chan Centre, BC Tel Theatre from 7-10pm. Continues to Nov. 18 (except Nov. 11). \$75; seniors \$65; TAS members \$60. Call 822-1450.

Wednesday, Oct. 8

Orthopaedics Ground Rounds

Hypotensive Epidural Anaesthesia In Total Hip Replacement. Dr. Nigel Sharrock, Cornell U. Vancouver Hosp/HSC, Eye Care Centre Aud. at 7am. Call 875-4192.

Concert

Wednesday Noon Hours. Vancouver Guitar Quartet. Music Recital Hall at 12:30pm. \$3 at door. Call 822-5574.

Computer Science Workshop

Collaborative Industry/University Research On Developing Software-Intensive, Critical Systems Using Formal Methods. Speakers from UBC, U of Victoria, Hughes Aircraft, MacDonald Dettwiler. Cecil Green Park House from 1-4:30pm. Call 822-0698.

OBST 506 (Graduate Student Seminar)

Ovarian Surface Epithelium Biology And Neoplastic Progression. Dr. Nelly Auersperg, Honorary Prof., Obstetrics/Gynaecology. BC Women's Hosp 2-N35 at 2pm. Call 875-3108.

Ecology, Evolution and Centre for Biodiversity Research Seminars

Update On The Ecology Of Large Mammals In The Serengeti Plains, Africa. Tony Sinclair, Zoology. Family and Nutritional Sciences 60 at 4:30pm. Refreshments, Hut B-8 at 4:10pm. Call 822-3957.

Canadian Studies

Recognizing Landmarks: The Collaborative Process Of Editing A Canadian Essay Anthology. Robert Birks, UBC and SFU; Tomi Eng, SFU; Julie Walchi, UBC. Green College at 7:30pm. Call 822-1878.

Thursday, Oct. 9

Board of Governors Meeting

Open Session Begins At 8:00am. Fifteen tickets are available on a first-come, first-served basis on

application to the Board Secretary at least 24 hrs before each meeting. OAB Board and Senate room. 6328 Memorial Road. Call 822-2127.

Continuing Studies Lecture

Three Spanish Artists: El Greco, Goya, Velazquez. Derek Carr. Hotel Georgia from 10-11:30am. Continues to Oct 30. \$50; seniors \$40; TAS members \$35. Call 822-1450.

Concert

UBC Symphony Orchestra. Martina Smazal, viola; Jesse Read, conductor. Chan Centre at 12:30pm. Call 822-5574.

Earth and Ocean Sciences Colloquia

Fisheries Oceanography And Climate Change: Effects On The Early Life History Stages Of Marine Fish. John Francis Dower, Biology. Queen's U. Geological Sciences 330-A at 12:30pm. Call 822-3278.

Seminar

Protein Requirements And Muscular Hypertrophy In Trained Athletes. Stuart M. Phillips. War Memorial Gym 100 from 12:30-1:30pm. Refreshments. Call 822-3913.

Continuing Studies Lecture

Writing Real Life Stories. Lillian Nemetz. Carey Hall Board Room from 1-3pm. Continues to Nov 27. \$150. Call 822-1450.

Continuing Studies Lecture

Furniture: A La Mode. Judith Thomson. Hotel Georgia from 2-3:30pm. Continues to Oct. 30. \$50; seniors \$40; TAS members \$35. Call 822-1450.

Orientation

Women Of Colour Mentoring Network. Int'l House upper lounge from 4:30-7pm. Call 822-0617.

First Nations Discussion Circle

Tribal Justice: Remembering The Past, Envisioning The Future. Bruce Miller, Anthropology and Sociology. Green College at 5pm. Call 822-1878.

Continuing Studies Lecture

Travel Writing. Isabel Nanton. Woodward G41/42 from 7:30-9:30pm. Continues to Nov. 6. \$110. Call 822-1450.

Poetic Persuasions

Reading From Recent Works. Fred Wah, writer. Green College at 7:30pm. Call 822-1878.

Friday, Oct. 10

Health Care and Epidemiology

Physician Supply Measures In British Columbia. Dr. Robin Hanvelt. Mather 253 from 9-10am. Call 822-2772.

Grand Rounds

Risk Factors For Childhood Leukemia. Dr. Mary McBride, BC Cancer Agency. GF Strong Aud. at 9am. Call 875-2307.

Centre for Japanese Research Seminar

Asia-Pacific: A Japanese Perspective. Prof. Makoto Iokibe, Law. Kobe U. CK Choi 120 from 12-2:30pm. Light lunch. Call 822-2629.

Occupational Hygiene Program Seminar

Musculoskeletal Injuries Among Health Care Workers. Mieke Koehoorn, PhD candidate, Health Care and Epidemiology. Vancouver Hosp/HSC, UBC, Koerner G-279 from 12:30-1:30pm. Call 822-9861.

Pharmaceutical Sciences Seminar

Signal Transduction In Inflammation And Cancer. Dr. John Schrader, Biomedical Research Centre. Cunningham 160 from 12:30-1:20pm. Call 822-7795.

Oceanography Seminar

Does Small-Scale Physics Control The Feeding And Growth Of Larval Fish? John Francis Dower, Biology. Queen's U. BioSciences 1465 at 3:30pm. Call 822-3278.

Weekly Seminar

Numerical Simulation In Polymer Processing. Prof. Evan Mitsoulis, Chemical Engineering, U of Ottawa. ChemEng 206 at 3:30pm. Call 822-3238.

Mathematics Colloquium

Matching Theory: Two Half Edges Are Better Than A Whole Edge. Prof. Richard P. Anstee. Mathematics 100 at 3:30pm. Refreshments at 3:15pm Math Annex 1115. Call 822-2666.

Physical Chemistry Seminar

Unusual Kinetic Isotope Effects. Prof. David Walker, Chemistry. Chemistry D-225 (centre block) at 4pm. Call 822-3266.

Concert

UBC Symphony Orchestra. Martina Smazal, viola; Jesse Read, conductor. Chan Centre at 8pm. Call 822-5574.

Saturday, Oct. 11

Centre for India and South Asia Research Conference

The South Asia Colloquium Of The Pacific Northwest (SACPAN). CK Choi 120 from 9am-4:30pm. Call 822-2629.

Exhibition

Ji-Ku Spare-Time. Art Faculty International Exchange Exhibition, Aichi Gakusen U and Capilano College. Asian Centre Aud. from 11am-5pm. Call 986-1911 ext. 2426.

Sunday, Oct. 12

Presentation

The Beauty Myth, Fire With Fire, Promiscuities. Naomi Wolf. Chan Centre at 6pm. Adults \$25; seniors and students \$22.50 at Ticketmaster. Call 222-2685.

Green College of Performing Arts Group

The Sure Thing: A Drama. Green College Players, Music by Aurian Haller. Green College at 8pm. Call 822-1878.

Next calendar deadline:
noon, Oct. 6

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.ubc.ca> under 'News.' Please limit to 35 words. Submissions for the Calendar's Notices section may be limited due to space.

Deadline for the October 16 issue of UBC Reports — which covers the period October 19 to November 1 — is noon, October 6.

Monday, Oct. 13

Centre for Chinese Research Seminar

Chinese Culture And Society According To Its Unique Writing System. Prof. Benjamin Tsou, City U. Hong Kong. CK Choi 120 from 12:30pm-2pm. Call 822-2629.

Tuesday, Oct. 14

Continuing Studies Lecture

The Astronomy Of Ancient North America. Bill Burnyeat. Hotel Georgia from 10-11:30am. Continues to Nov 25 (except Nov 11). \$70; seniors \$60; TAS members \$55. Call 822-1450.

Continuing Studies Lecture

Public Role And Private Power: A Family Patriarch In Early Vancouver. Henry Ogle Bell-Irving. Robert MacDonald. Hotel Georgia from 12-1:30pm. \$10 drop-in. Call 822-3313.

Seminar

Research Ethics - Do They Apply To Botany? Iain Taylor. Botany. BioSciences 2000 from 12:30-1:30pm. Call 822-2133

John F. McCreary Lecture

Adolescent Suicide - What Should You Do? Carol Stuart, School of Child and Youth Care, U of Victoria. IRC #4 from 12:30-1:30pm. Call 822-3737.

Lectures in Modern Chemistry

Structure And Interactions Between Carbohydrate Antigens And Antibody Binding Sites. Prof. David Bundle, Chemistry, U of Alberta. Chemistry B-250 (south wing) at 1pm. Refreshments from 12:40pm. Call 822-3266.

Special Mathematical Biology Seminar

The Visions Of Shamans And Saints - What Paleolithic Cave Paintings Tell Us About The Visual Cortex. Prof. G. Bard Ermentrout, Mathematics, U of Pittsburgh. Math Annex 1102 at 3:30pm. Call Prof. Leah Keshet at 822-5889.

Statistics Seminar

Simulation Study To Approximate Confidence Intervals For Regression Parameters In Cox Model. Dr. Alberto Tapia-Aguilar, U Autonoma Chapingo, Mexico. CSCI 301 from 4-5:30pm. Refreshments, bring mug. Call 822-0570.

Ecology, Evolution and Centre for Biodiversity Research Seminars

Trade-offs And The Ecological And Evolutionary Structuring Of Damsel Fly Assemblages In Lakes.

Calendar

October 5 through October 18

Mark McPeck, Dartmouth College. Family and Nutritional Sciences 60 at 4:30pm. Refreshments Hut B-8 at 4:10pm. Call 822-3957.

Green College Speakers' Series

Irish Convict Transportation And British State Formation In Late Hanoverian Britain. Simon Devereux, Green College. Green College at 5:30pm. Reception from 4:45-5:30pm, Graham House. Call 822-1878.

Lecture

Becoming Canadians: Pioneer Sikhs In Their Own Words. Sarjeet Jagpal, author/historian. MOA from 7pm-8:30pm. Call 822-5087.

Fine Arts Lecture

History, Enlightenment And Museums. Regis Michel, Louvre. Graham House, Green College from 12:30-2pm. Call 822-5650.

UBC Humanists' Society Lecture

Don't Let God Get In The Way of Morality. Dale Beyerstein, Philosophy, Langara College. Buchanan D-205 at 12:30pm. Donuts. Call 739-9822

Wednesday, Oct. 15

Orthopaedics Grand Rounds

Dr. Leo Zeller; Dr. Michael Goytan. Vancouver Hosp/HSC. Eye Care Centre Aud. at 7am. Call 875-4192.

Continuing Studies Lecture
Waisted Efforts: A History Of The Objectifications Of Women Through Fashion. Ivan Sayers. Hotel Georgia from 10-11:30am. Continues to Nov. 19. \$70; seniors \$60; TAS members \$55. Call 822-1450.

Concert

Nancy DiNovo, violin; Monica Pfau, piano. Music Recital Hall at 12:30pm. \$3 at door. Call 822-5574.

Lecture

Amazons In Vinland. Prof. Kirsten Wolf, Icelandic Studies, U of Manitoba. Buchanan Penthouse at 12:30pm. Call 822-6403.

OBST 506 (Graduate Student Seminar)

Glucose-Dependent Insulinotropic Polypeptide (GIP): Structural Determinants Of Receptor Binding, Signal Transduction And Catabolism. Dr. Chris McIntosh, Physiology. BC Women's Hosp 2-N35 at 2pm. Call 875-3108.

Continuing Studies Lecture
The Age Of Homer's Heroes. Caroline Williams. Hotel Georgia from 2-3:30pm. Continues to Nov 5. \$50; seniors \$40; TAS members \$35. Call 822-1450.

Alumni Reception

Rehabilitation Sciences. Cecil Green Park House from 5:30-8:30pm. Call 734-1661.

Centre for Korean Research
Korean Cultural Program. Lecture, CK Choi 120 at 3:30pm. Performance, First Nations Longhouse Great Hall at 7:00pm. Call 822-2629.

Ecology, Evolution and Centre for Biodiversity Research Seminars

Managing Forest Ecosystems To Maintain Biodiversity. Malcolm Hunter, U of Maine. Family and Nutritional Sciences 60 at

4:30pm. Refreshments Hut B-8 at 4:10pm. Call 822-3957.

Breaking Silence

A Fragile Jazz: Reading. Michael O'Siadhail, Irish poet. Buchanan A-100 from 4:30-5:30pm. Call Loren Wilkinson 224-3245.

Governing Modern Societies

Thinking Global Governance And Enacting Local Cultures. David Elkins. Green College at 5pm. Reception from 4:15-5pm, Graham House. Call 822-1878

The Eighteenth Century Circle

Commercial Modernity And The Eighteenth Century Theatre Of The World. Ed Hundert, History. Buchanan Penthouse from 5-7pm. Refreshments - wine. Call 822-5195.

Health Sciences Student Research Forum

How The Brain Learns: Insights From Studying Neurotransmission At Single Synapses. Paul Mackenzie, Psychiatry. Violence Against Women: Rethinking The Role Of Health Care Providers. Colleen Varcoe, Nursing. IRC # 4 from 5-6pm. Call 822-3737.

Career Avenues in Pharmacy Workshop

Pharmacists With Unique And Traditional Job Descriptions. Totem Park Residences Ballroom from 7-10pm. Free tickets available from UBC Pharmacy Alumni, Pharmacy Undergraduate Society or call 739-7804.

History and Memory: Repositioning the Past
Memory, Voice And Smallpox In BC. Cole Harris, Geography. Green College at 7:30pm. Call 822-1878.

Senate Meeting
Regular Meeting Of The Senate. UBC's Academic Parliament. Curtis 102 at 8pm. Call 822-2127.

Thursday, Oct. 16

Continuing Education Seminar

Creative Entrepreneurship For Professionals. Paul Tinari, Engineering and Architecture. Point Grey Golf and Country Club from 9am-5pm. \$460 (incl course material, two lunches and attendance certificate). Call 822-3347.

Health Care and Epidemiology Rounds

Why Explosive HIV Outbreaks Happen: A New Paradigm Of AIDS Epidemic. Dr. Martin Schechter; Dr. Janet Raboud. Mather 253 from 9-10am. Pd Parking avail in Lot B. Call 822-2772

Competition
Health Care Team Clinical Competition. IRC #2 from 12:30-2pm. Call 822-3737.

Clinical Pharmacy Seminar
Low Molecular Weight Heparin In Unstable Angina. Agnes Lo, Pharmaceutical Sciences. Prostacyclin In Primary Pulmonary Hypertension. Impact on Survival. Rob Balen. Cunningham 160 from 12:30-1:30pm. Call 822-4645.

Address to Joint Faculties
President Martha Piper. Chan Centre at 1pm. All welcome. Call 822-3883.

Physical Chemistry Seminar
Hydrophobic Solvation. Prof. Gren Patey, Chemistry. Chemistry D-225 (centre block) at 4pm. Call 822-3266.

Breaking Silence
Wise In Words - Irish Poet. Michael O'Siadhail, Irish Poet. Buchanan A-100 from 4:30-5:30pm. Call

Loren Wilkinson 224-3245.

Continuing Studies Lecture
Malta and Sicily: Two Islands Through The Ages. Hector Williams; Caroline Williams. Lasserre 105 from 7:30-9pm. Continues to October 30. \$35; seniors \$30; TAS members \$25. Call 822-1450.

Continuing Studies Lecture
Comparative Realities: A Tour Of World Views. Leonard George. Carr Hall Conference from 7:30-9:30pm. Continues to Nov 27. \$135; seniors \$125; TAS members \$120. Call 822-1450.

Critical Issues in Global Development

Panel Discussion: Women And Development - Feminists In Theory And Practice. Green College at 8pm. Call 822-1878.

Friday, Oct. 17

Grand Rounds

Pediatric Gastrointestinal Surgery: The Guts And The Glory. Dr. Geoffrey Blair, BC Children's Hosp. GF Strong Aud. at 9am. Call 875-2307.

Luncheon

The Great Trek Remembered Luncheon. Cecil Green Park

Notices

Morris and Helen Belkin Art Gallery

Theodore Gericault. The Alien Body: Tradition In Chaos. Continues to Oct. 19. Adults \$5, seniors/students \$3.50. Faculty/students/staff, free. Morris and Helen Belkin Art Gallery, Tues-Fri from 10am-5pm, Sat-Sun from noon-5pm. Call 822-2759.

Museum of Anthropology

Current Exhibits. Written In The Earth. An exhibit exploring the roots of Coast Salish Art. Continues to Dec. 31. From Under The Delta: Wet-Site Archaeology In The Lower Fraser Region Of BC. Continues to April 1/98. 6393 N.W. Marine Drive. Hours of operation are Wed.-Sun 11am-5pm. Tuesday 11am-9pm. Free 5-9pm. Call 822-1087.

Faculty Development

Would you like to talk with an experienced faculty member, one on one, about your teaching concerns? Call the Centre for Faculty Development and Instructional Services at 822-0828 and ask for the Teaching Support Group.

Garden Hours and Tours

March 8 - October 13 from 10am-6pm. Botanical Garden tours will be given by garden volunteers Wednesdays and Saturdays, 1pm. Call 822-9666 (gardens) or 822-4529 (shop).

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 15 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).

UBC Medical School

Needs male and female volunteer patients of any age, either healthy or ill to help students learn how to interview and complete a physical examination (external only). The total time for each teaching ses-

House from 11:30am-2:30pm. Call 822-8917.

Concert

UBC Contemporary Players. Stephen Chatman, Eric Wilson. directors. Music Recital Hall at 12:30pm. Call 822-3113.

Occupational Hygiene Program Seminar

Occupational Health Standard Setting In The Netherlands And The European Union. Dick Heederik, Wageningen Agricultural U, Holland. Vancouver Hosp/HSC, UBC Koerner G-279 from 12:30-1:30pm. Call 822-9861.

Mathematics Colloquium

Applications Of Lie Groups To Computer Vision. Prof. Peter J. Olver, Mathematics, U of Minnesota. Mathematics 100 at 3:30pm. Refreshments at 3:15pm, Math Annex 1115. Call 822-2666.

Weekly Seminar

Performance Assessment Of Industrial Controller And Process Output. Yan Ye, MASC, Chemical Engineering, ChemEng 206 at 3:30pm. Call 822-3238.

Faculty of Education's 40th Anniversary Celebration

Dedication Ceremony - President Martha Piper. Wine and cheese reception. Scarfe main foyer at 4pm. Call 822-3790.

sion is between two-four hours, Tues-Thurs. pm. Travel expenses will be paid. Call Vancouver Hospital/HSC 875-5943.

Do You Have Patellar Tendinitis (Jumper's Knee)?

Subjects are required for a study that will be using a nuclear medicine technique to examine the presence of inflammatory cells at the patellar tendon and for a study examining the effectiveness of a standard Physical Therapy treatment protocol. Subjects aged 20-35 years with unilateral patellar tendinitis symptoms are encouraged to contact Dr. MacIntyre at 822-0799.

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.

CRSG

The Clinical Research Support Group which operates under the

Reunion
HomeEc '67. Green College Coach House from 6:30-10:30pm. Call 822-8917.

Murder Mystery
Murder At Green Gulch. Cecil Green Park House at 7:30pm. Call 822-3313.

Saturday, Oct. 18

Alumni Day At UBC
Kick Off. Chan Centre from 9:30-11:30am. Tour campus from noon-4pm. Alumni lunch, 1-2pm. Call 822-3313.

Faculty of Education's 40th Anniversary Celebration
Activities And Displays. Refreshments. Scarfe from 10am-5pm. Call 822-3790.

Apple Festival
7th Annual Apple Festival. UBC Botanical Garden from 11am-4pm. Continues to Oct. 19. All proceeds to the UBC Botanical Garden. Call 822-9666.

Vancouver Institute Lecture
What Are Good Schools And Why Are They So Hard To Get? Prof. Larry Cuban, Stanford U. IRC #2 at 8:15pm. Call 822-3131.

auspices of the Dept. of Health Care and Epidemiology provides methodological, biostatistical, computational and analytical support for health researchers. For an appointment please call Laurel Slaney at 822-4530.

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).

Boomerang Family Research
The Counselling Psychology Dept. is looking for adults who have returned home to live. They and their parents are invited to participate in a study focusing on the experience, inter-personal relations and responses to this change in the family. Involves confidential interviews. Please call Michele at 269-9986.

Think About It.



THE UNIVERSITY OF BRITISH COLUMBIA

...coming Oct. 9

News Digest

UBC students are invited to apply for the 1998 Canadian Cambridge Scholarship.

The Cambridge Canadian Trust, a group of Cambridge alumni, will award fully funded scholarships for two undergraduate and two graduate students to pursue degrees at the 800-year-old English university.

The competition is open to high school and university students across Canada.

The winners must combine academic merit, extra-curricular activities and the potential to contribute to Canadian life after they complete their studies in England. Reference letters and a 500-word essay on why the applicant wants to attend Cambridge University must accompany the application which is due Oct. 9, 1997.

More information and an application form is available on the World Wide Web at www.techmedia.ca/ccs or by calling the Cambridge Canadian Trust at (416) 964-2569.

• • • • •

A special CBC Television program on Sunday, Oct. 5 will capture the excitement of a Vancouver gala honouring the 10th anniversary of Rick Hansen's Man in Motion World Wheelchair Tour.

Rita MacNeil, David Foster, Ashley MacIsaac, Roch Vosine, Jeff Hyslop and Amy Sky are part of the special tribute which also includes video appearances by Celine Dion, Wayne Gretzky, David Suzuki and Christopher Reeve.

Hansen, executive director of the Rick Hansen Institute at UBC, says the 10th anniversary tour was a chance to get a message of thanks, hope and new challenges out to hundreds of thousands of Canadians.

The Rick Hansen Institute helps meet those challenges by providing leadership and support to the disabled through collaborative efforts in education, research, rehabilitation, health promotion and leadership training.



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Classified

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

The deadline for the October 16, 1997 issue of UBC Reports is noon, October 6.

Accommodation

POINT GREY GUEST HOUSE A perfect spot to reserve accommodation for guest lecturers or other university members who visit throughout the year. Close to UBC and other Vancouver attractions, a tasteful representation of our city and of UBC. 4103 W. 10th Ave., Vancouver, BC. V6R 2H2. Call or fax (604)222-4104.

TINA'S GUEST HOUSE Elegant accom. in Pt. Grey area. Minutes to UBC. On main bus routes. Close to shops and restaurants. Inc. TV, tea and coffee making, private phone/fridge. Weekly rates available. Call 222-3461. Fax: 222-9279.

GREEN COLLEGE GUEST HOUSE. Five suites available for academic visitors to UBC only. Guests dine with residents and enjoy college life. Daily rate \$52, plus \$14/day for meals Sun.-Thurs. Call 822-8660 for more information and availability.

BROWN'S BY UBC B&B. Comfortable and relaxing accommodation close to UBC in quiet area. Private bath available. Reasonable daily rates. Special weekly/monthly rates available for visiting UBC scholars. Call 222-8073.

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SMALL FURNISHED HOUSE for rent Jan 1-Jun 15 (flexible). Dunbar area, ideal loc., two bath, two bsmt rm. Not fancy but cozy. \$1550 plus util. Non-smkr, no pets 224-1942 or kzaenker@unixg.ubc.ca.

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NORTH VAN Unfurnished, exquisite European style renovated three BR1/house, two storey + bsmt. Deck, fireplace, tile, hrdwd flrs on main flr. Exc 2nd Narrows access. \$1850/mo. Oct 15 Call Bryan 669-4888.

14 YR OLD WESTCOAST CONTEMPORARY HOUSE in the West Pt., Grey area for lease from approx. Nov 1/97. Three BR two 1/2 bath. Mature adults/professionals w references. \$2500/mo. Call 222-0799.

APARTMENT FOR RENT One blk from Kits Beach (Balsam & York). one BR + loft. Insuite laundry, woodburning fireplace, two balconies, secured U/G prkg, cable. One yr lease, no pets \$1100/mo. Call 228-0887.

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University Women's Club of Vancouver
...is welcoming new members. Please join us at Hycroft on Tuesday, Oct. 7, 1997, 7:00 p.m. at a reception to learn more about our organization. RSVP 731-4661 or fax 731-3710.


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Week focuses on child and family

Adolescent suicide will be the topic of the John F. McCreary Lecture, one of several public events to be held during this year's Health Sciences Week, Oct. 14-16.

Connecting with this year's theme of The Child and the Family, Prof. Carol Stuart of the University of Victoria's School of Child and Youth Care will discuss her current research into the causes of adolescent suicide on Tuesday, Oct. 14 in Woodward IRC lecture hall 4 at 12:30 p.m.

"It's misleading to think of suicide as a distinct disorder. It's a symptom of a whole lot of other issues that need attention, such as hopelessness and isolation," says Stuart.

Aided by Kitimat's Suicide Intervention and Prevention Committee, she is currently surveying adolescents in Kitimat



McCreary

about risk factors such as alcohol abuse, family discord and difficulties in school.

On Wednesday, Oct. 15, PhD candidate Colleen Varcoe of the School of Nursing will look at how emergency room nurses respond to female victims of abuse. In her lecture, *Violence against Women: Rethinking the Role of Health Care Providers*, Varcoe suggests violence against women is neglected within health care, with

intervention focusing on physical injury at the expense of social or emotional consequences.

Psychiatry PhD candidate Paul Mackenzie will focus on the molecular basis of learning and memory in his lecture, *How the Brain Learns*.

The lectures start at 5 p.m. in Woodward IRC lecture hall 4.

The Health Sciences Student Research Forum that evening from 6-8:30 p.m. in the Woodward IRC lobby will feature poster and oral presentations covering topics such as women's experience with heart attacks, African traditional healing methods, and causes of blindness in B.C.

Another highlight of the week will see teams of health sciences students manage a mock medical case before an audience of their peers Thursday, Oct. 16 at 12:30 p.m. Teams in the Health Care Team Clinical Competition, which takes place in Woodward IRC lecture hall 2, are given two to three minutes to respond to questions on assessment and treatment.

Designed to create a sense of common purpose among health sciences students, the week is named in honour of the late Dr. John F. McCreary, former dean of the Faculty of Medicine and co-ordinator of Health Sciences.

Think

Continued from Page 8

likened a scientific discovery to a shapely pebble, insinuating that "science" was straightforward and objective. In contrast, she described a work of art as "a spider's web, attached ever so lightly . . . to life at all four corners." Clearly, she believed that science differed significantly from art — a pebble versus a web. Yet, 65 years later, John Polanyi, a Canadian winner of the Nobel Prize in Chemistry, suggests that a scientific discovery is that 10 per cent pebble and 90 per cent shimmer. He believes that scientists are indeed painters, since the pebble of fact exists only as the play of light on a partly exposed surface.

Scientists and artists merged together in a web of creation. Our challenge is to expose tomorrow's opinion makers to the humanities and the sciences so they understand that progress depends on human judgment, that action must be coupled with moral reasoning, and that comprehending how the world is depends upon appreciating how the world ought to be.

Third, information technology. As we enter the knowledge society, the use of information becomes vital. Neil Rudenstine, president of Harvard University, likens the transformation we are currently experiencing to that associated with the proliferation of books in the 18th century. He believes that just as we have learned to access large libraries, we will learn to employ information technology in our learning and research environments. Nevertheless, the distinctions between information versus knowledge, facts versus inter-

pretation, data versus analysis must be recognized. As such, the personal contributions of faculty will remain central to a university and will never be replaced by information technology. Yet, the innovative use of such technology can reconfigure the classroom and permit faculty to devote more energy to shaping creative intellectual relationships with students. As Philip Abelson suggests in a recent editorial in *Science*, "Electronic communication may be the way of the future, but human dialogue conducted with friendly enthusiasm is to be treasured."

Internationalization, interdisciplinarity, information technology — these three concepts will help define our future academic environment. Yet, if we are really serious about the preparation of the next generation of leaders, we must re-examine the purpose of the undergraduate educational experience. The re-emphasis on undergraduate education is probably the most pressing issue that universities must address in the next decade — clearly in light of the three concepts, but also, most importantly, in terms of research.

Universities distinguish themselves from other post-secondary institutions on the basis of their research and scholarship — creating the foundation for human understanding and new knowledge. UBC is proud of its outstanding research record and affirms its commitment to lead in knowledge discovery across an array of disciplines and professions. This research capacity is a unique resource — one that we must continue to defend and strengthen. We will advocate original scholarship in all fields — not only to support our research mission but also to facilitate learning by students.

We consistently hear about the "inextricable link" between research and teaching. The challenge for UBC is to enact such a link — to demonstrate that the learning and research environments, at the undergraduate level, are not competitive but complementary; that research will enhance, not detract from, the learning experience; that if students choose UBC, they will be exposed to a research-based learning environment — in all fields, in an innovative manner that acknowledges the intellectual capacity of our accomplished student body and the creative energy of our distinguished faculty.

I am often confronted with various arguments as to why it is impossible to create such an environment. When responding, I am reminded of one of my favourite poems, "The Cremation of Sam McGee," by Robert Service. Perhaps it is because it reminds me of the numerous recitations over roaring campfires by my Uncle Harry, who is here with us today. Whatever the reason, I believe that the first two lines capture the notion that unconventional approaches are often necessary to secure the prize:

"There are strange things done in the midnight sun By the men who toil for gold."

Truly, we are moiling for gold — and such efforts may require strange things to be done. But such is the challenge: to create a learning environment, based upon our outstanding research and scholarship, that will prepare the next generation to think — to think about themselves, to think about the world in which they live, and to think about the key roles they will play in the betterment of the human condition.

Toni Morrison, a recipient of the Nobel Prize in Literature, has stated: "There are very few places left, other than great universities, where both the wisdom of the dead coupled with the doubt of the living are vigorously encouraged."

Our great university, the University of British Columbia, will prepare the next generation by exposing them to the wisdom of the dead and the doubt of the living through our teaching and research. Teaching and research — inextricably linked.

Thinking . . . think about it. Personal thinking, creative thinking, philosophical thinking, strategic thinking — everyone can do it, no one is excluded.

As powerful as thinking is, very few of us spend much time thinking about thinking. When and where should we think? How do you let others know that you are busy thinking?

Other activities, whether playing ball or playing in an orchestra, are more recognizable — equipment is required and uniforms are worn. In contrast, the activity of thinking is less obvious.

Still, in today's world what could be more important? Where, other than a university and its community, could a team of thinkers be assembled? A team of thinkers — students, scholars, staff, alumni and friends, working together, using their minds to live meaningful and productive lives.

And so, how might we identify ourselves as a team of thinkers? Why not do what other teams do? Why not don a uniform? Why not don our "thinking caps" — to signal to the world that we are busy thinking. Everyone can join the team and celebrate the importance of universities to today's world. As with the ringing of the dinner bell, the message will be clear. By wearing our thinking caps — the ones you will all receive today — we will let others know that the University of British Columbia is serious about the power of scholarship and thought, and that we are committed to thinking deliberately and creatively about our university and our society.

And so I invite all of you to join the University of British Columbia in thinking — in thinking about the issues that affect us all, in thinking about our past and what we have learned about ourselves, in thinking about our present and the issues we face, and in thinking about our future and what we aspire to achieve.

Let there be no mistake — with our hats on and our wits about us — we will think about our university and our society — and, by so doing, will chart our future together.

The University of British Columbia in the 21st century — think about it.

OFFICE OF THE COORDINATOR OF HEALTH SCIENCES

John F. McCreary Health Sciences Week

October 12-18, 1997

Theme: The Child and the Family

Tuesday, Oct. 14 THE JOHN F. McCREARY LECTURE

12:30 – 1:30 p.m.

Woodward IRC, Hall 4

"Adolescent suicide — what should you do?" — An interdisciplinary and community approach to help prevent and deal with adolescent suicide.

Dr. Carol Stuart, School of Child and Youth Care, U of Victoria

Wednesday, Oct. 15 HEALTH SCIENCES STUDENT RESEARCH FORUM

5:00 – 6:00 p.m.

Woodward IRC Lobby

INTRODUCTION

Dr. John H.V. Gilbert

Coordinator of Health Sciences, UBC

OPENING REMARKS

Dr. Judith Johnston, Director

School of Audiology and Speech Sciences, UBC

Lecture Hall 4

KEYNOTE SPEAKERS:

"How the Brain Learns: Insights from Studying Neurotransmission at Single Synapses"

Mr. Paul Mackenzie, Department of Psychiatry, UBC

"Violence Against Women: Rethinking the Role of Health Care Providers"

Ms. Colleen Varcoe, School of Nursing, UBC

6:00 – 8:30 p.m.

POSTER PRESENTATIONS

7:00 – 8:30 p.m.

ORAL PRESENTATIONS

Thursday, Oct. 16 HEALTH CARE TEAM CLINICAL COMPETITION

12:30 – 2:00 p.m.

Woodward IRC, Hall 2

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

Think about it

Think about our role in preparing the scholars and leaders of tomorrow, says President Martha Piper

Speech given by Martha C. Piper,
president of UBC, Sept. 25, 1997

The University of British Columbia — think about it. Over the past nine months, I have often been asked, "What have you been up to?" The answer to this question is really quite simple: I have been thinking — thinking about the University of British Columbia. It is this thinking that both humbles and excites me. It is this thinking that I acknowledge today as I assume almost certainly the greatest honour in my life, the 11th presidency of the University of British Columbia.

The University of British Columbia — think about it.

Eighty-two years ago, almost to the day, on Sept. 30, 1915, the University of British Columbia opened its doors. On this occasion, UBC's first president, Dr. Frank Wesbrook, emphasized both the courage and wisdom of the citizens of British Columbia:

"We take occasion this morning to congratulate ourselves that, though the Empire is at war, such a good beginning of the university has been possible. The people of this province may congratulate themselves that they have seen their opportunities and their obligations in the matter of the better preparation of the next generation for their responsibilities."

As we embark upon the 21st century, 82 years later, many of the hopes and dreams of those who have gone before us have been realized. Remarkably, in less than 100 years, UBC has positioned itself as one of Canada's leading universities and one of the world's most highly respected institutions of advanced learning and research.

We have many to thank for this legacy — academic leaders, internationally renowned scholars, outstanding students, excellent staff, leading alumni and dedicated friends both here and throughout the world. We are particularly grateful to our recent president, Dr. David Strangway, who has provided this institution with visionary leadership over the past 12 years — propelling UBC to the forefront of Canadian universities and bringing the world to its doorstep.

As we head toward our second hundred years, our purpose is no different than that outlined by Frank Wesbrook. Yet, some things have changed — the world in which we live and our strength and maturity. Because of two key factors — our geographic location and our strength — UBC is uniquely positioned, as we enter the 21st century, to be the pre-eminent university of this country, and one of a handful of outstanding publicly funded research universities in the world.

Think about it — the University of British Columbia — uniquely positioned — in the right place at the right time.

Being in the right place at the right time. Growing up in a household with four children, being in the right place at the right time was not always easy. While my parents allowed us a great deal of freedom, there were events — dinner hours, visits with my grandparents, or the need to receive important instructions — that required all four of us to be in the right place at the right time. For these occasions, my parents relied upon a large steel dinner bell that hung on a tall wooden post in our garden. Although we were well conditioned to this stimulus, our neighbours were even more so. Upon hearing



our dinner bell, they encouraged us to return home immediately — ensuring that we would be in the right place at the right time. There was no escaping the bell — everyone knew what it meant — everyone responded to its ringing — everyone understood the urgency of its sounding.

Such is the clarity of UBC's future — we are in the right place at the right time. And, like the dinner bell, everyone around us hears it and is urging us to respond.

The University of British Columbia — think about it.

We are mature and we are strong. We are acknowledged for our people and our research and our scholarship — our vibrant social sciences and humanities culture; our significant international connections to the Asia Pacific; our evolving partnerships with First Nations people; our extensive participation in all 14 federal Networks of Centres of Excellence; our impressive position as number two in the country in Royal Society of Canada Fellows; our inventive leadership in technology transfer; and our enviable position in the top tier of the nation's externally sponsored research rankings. Canadian poet Earle Birney helped establish the Creative Writing Dept., George Woodcock taught English and Asian Studies, and, in 1993, Michael Smith received the Nobel Prize for Chemistry. We have over 150,000 outstanding alumni throughout the world — they are innovators in their

fields and leaders in their communities.

The University of British Columbia—think about it. As we ready ourselves to enter the next century, we are keenly aware that our world is a different place than that of our ancestors. During much of the 20th century, the attention of our parents and grandparents was fixed eastward — on Europe and its nation states. Today, our focus has expanded to include the West and South — with important connections to the Asia Pacific and the Americas. What better city than Vancouver to serve as the gateway to North America for Asians and the bridge to Asia for Europeans? What better university than UBC to be working with the City of Vancouver, our business and industrial partners, the communities of

the Lower Mainland, other colleges and universities, the province, and the nation to strengthen these global links and forge a knowledge-based society?

The University of British Columbia — in the right place, at the right time. Young and vital, mature and excellent, geographically located in a vibrant city and province, internationally recognized for its teaching and research — uniquely positioned to be the pre-eminent Canadian university in the 21st century.

What, then, are the challenges we face? There is probably none more important than that enunciated by Frank Wesbrook — the preparation of

the next generation of scholars and leaders. In so doing, we must define the unique learning and research environment that we will provide.

The defining of this environment can be likened to the painting of a canvas — similar to the creativity exhibited by Emily Carr. Her greatness is based on her special relationship with the environment — the British Columbia rain forests, the First Nations' villages and totems, the wild beaches and vast skies. Through her paintings, she celebrated the natural strengths of British Columbia and its people. We at UBC must marshal our creative talents to define a unique research and learning environment that builds upon the natural strengths of this university, this province and its people.

We will need to have a full and open discussion about the nature of this environment. Over the next several months, we will collectively engage in developing the academic vision for the University of British Columbia for the 21st century. I invite each of you to participate in this dialogue and to actively think about our future. What is the purpose of our academic and research programs? What will UBC look like five to 10 years from now? How will we get there and how will we know when we have attained our goals?

These questions and others will form the basis of our deliberations — together we will develop the framework for the answers. To assist us, we need to consider three trends that clearly distinguish tomorrow's world from that of a century ago: internationalization, inter-disciplinarity and information technology.

First, internationalization. As we prepare the next generation, we are charged with the responsibility of educating the future citizens of the world — persons who will be able to contribute to and benefit from an international life experience. Such an education will require an appreciation of the growing interdependence of world cultures and will demand the acquisition of global knowledge — a background in and exposure to languages, literatures, and philosophies; cultures, history and anthropology; fiscal and monetary policies, economics and political science; and numerical and scientific literacy.

Second, inter-disciplinarity. The next generation will need to address some of the most complex questions facing the world today — issues such as literacy, poverty, health promotion, advanced materials, sustainable development, crime and violence, entrepreneurship, the ethics of death and genetic cloning, and redefining work and leisure. These issues cannot be dealt with effectively by single academic disciplines working in isolation. Rather, the major insights in one field most likely will arise from knowledge discovery in another. Examples of such inter-disciplinary endeavours abound. History is being re-interpreted through literary and psychological analysis. Economics and meteorology are being transformed by the new mathematics of chaos theory. Fine arts is being expanded through the application of computer science and engineering. Geology is being profoundly changed by the physics of matter. Anthropology is being explained through the application of DNA sequencing.

Virginia Woolf in *A Room of One's Own*
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