

UBC REPORTS

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Fall Congregation 1998



Hilary Thomson photo

Computer Science graduate Rita Dilek speaks four languages, has a master's degree in mathematics from Harvard, and uses an electronic device called Braille and Speak to receive computer information and transcribe lectures. Her greatest struggle however, she says, was returning to school after her studies were disrupted for almost a year.

Graduates set, meet challenging goals

by Hilary Thomson

Staff writer

Capturing and storing information provides Rita Dilek with challenges both professional and personal. Dilek, who graduates this month with a master's degree in Computer Science, is blind.

She is one of more than 2,000 UBC students graduating during Fall Congregation at the Chan Centre for the Performing Arts Nov. 26 and 27.

Her thesis examines how to provide system support where computers are handling large volumes of data generated by multimedia programs.

Originally from Turkey, Dilek learned

French from her parents and Spanish from her grandparents. She studied English in high school and was fluent by the time she attended Boston's Brandeis University.

After graduating with an undergraduate degree in psychology and mathematics, she went to Harvard to obtain a master's degree in mathematics.

"I worked in the computer field for some time and I could fix many problems but I

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More Congregation stories, see page 3

CBC journalist earns Great Trekker award

A distinguished CBC Television journalist who has trekked across Canada and around the world to bring Canadians information on issues that affect their lives has been named the 1998 recipient of the Great Trekker Award.

Eve Savory graduated from UBC in 1969 with a BA in Asian Studies.

"I am incredibly honoured," says Savory. "The Great Trekker Award links the alumni back to the students again and forges a new bond between generations.

"I remember hearing about the award when I was a student at UBC, but I never dreamed that I would receive it."

The award is given by UBC students to people who become prominent through achievements in their chosen fields and who make special contributions to the community.

Previous recipients include social ac-

tivist Jim Green, philanthropists Cecil and Ida Green and author Pierre Berton.

With the opening of the Sing Tao School of Journalism and the 80th anniversary of *The Ulysses*, the Alma Mater Society (AMS) felt it fitting to recognize a journalist of Savory's stature with the Great Trekker Award.

"Eve Savory has contributed greatly to informing Canadians about a wide-range of important topics," says AMS alumni commissioner, Dennis Visser.

Savory has done it all in her 24 years with CBC News, from general assignment duties in Van-

couver to regional parliamentary reporter in Ottawa and national reporter in Saskatchewan and Alberta. She rose to prominence as the medical, science, environment and technology specialist for the network.

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Savory



John Chong photo

Seeing The Vision

Members of UBC's Board of Governors, Alma Mater Society President Vivian Hoffman and other campus representatives joined President Martha Piper as she met with Biology 120 students on Nov. 19 to kick off the campus launch of Trek 2000, UBC's vision for the 21st century. Trek 2000 was approved by the Board of Governors at its November meeting, after having been endorsed by Senate in October. "Trek 2000, which sets out a series of principles, goals, strategies and operational timetables, is critical as we head into the 21st century," said Piper. "It is a result of over 14 months of extensive consultation, both on and off the campus." Hoffman encouraged students to take a role in shaping the university's future. "This document has a lot of things in it that students can be excited about," she said. For a summary of Trek 2000, please turn to page 12.

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In Memoriam: President Martha Piper pays tribute to Frank Eastham

"enquiries into
the odd and
the ordinary"

WILLIAM NEW

UBC Dept. of English; Royal Society of Canada

THINK
About It.

UBC RESEARCH
www.research.ubc.ca

UBC maintains ranking in national university survey

UBC has maintained its position as the fourth overall medical/doctoral university in *Maclean's* annual ranking of Canadian universities. UBC has consistently ranked fourth since 1992.

The University of Toronto placed first, followed by Queen's and McGill universities in the category which compares universities with a broad range of PhD programs, research and medical schools.

In an essay accompanying the rankings, UBC President Martha Piper was quoted as citing learning environment and internationalization as the two most important issues facing the university. Piper hopes to see international co-operative education in place in all UBC faculties and schools by 2003.

"Co-op is not job training," Piper says. "It's experience in the world of work, and if that work can be international, all the better. This is a global environment we're entering, and the leaders of tomorrow will be citizens of the world, culturally fluid in every way."

The survey shows UBC has the highest number of full-time faculty with PhD degrees in the country at 98.2 per cent.

In student services, the survey shows UBC second only to the University of Toronto. The

percentage of UBC's total operating expenditures devoted to student services is 4.82 per cent.

UBC ranks third for the number of students per 1,000 who won national awards (7.8 per cent), the number of graduate students from abroad (19.1 per cent) and library holdings (7.58 million).

The average entering grade at UBC is 84.8 per cent.

In the comprehensive university category, Simon Fraser University came first and the University of Victoria fourth overall. The University of Northern Brit-

ish Columbia came ninth in its category of primarily undergraduate universities.

The *Maclean's* survey compares universities with similar structures and mandates using such factors as research funding and diversity of offerings.

It ranks them on statistics such as the composition and academic achievements of the student body, library resources, class size, percentage of tenured professors who teach first-year courses, calibre of faculty and success in securing research grants.

Trekker

Continued from Page 1

For the past four years, Savory has continued her special interests in the environment and science as a documentary reporter for *The National Magazine*.

The AMS cited the range of Savory's subjects, such as documentaries on the Voyager spacecraft mission to Neptune and a young girl's experience of a bone marrow transplant. Savory also covered the AIDS epidemic in its earliest days.

Savory's work has been acknowledged by a string of top awards.

In 1995, she received the Royal Canadian Institute's Sanford Fleming Medal for outstanding achievements in promoting knowledge and understanding of science among Canadians. In 1990 the B.C. Science Council established the Eve Savory Award for Science Communication.

"It is my sense that journalists in Canada are intimidated by science and yet we know that science is shaping our lives in ways we barely understand," Savory says. "To be honoured as a science journalist is an affirmation that the students recognize the importance of communicating science to Canadians."

Savory will be honoured at a special ceremony in the Art Gallery of the Student Union Building Dec. 2 at 3 p.m.

The Great Trekker award, established in 1950, commemorates the Great Trek of Oct. 28, 1922, when 1,200 UBC students marched from the university's temporary home on the Fairview site to Point Grey to pressure the government to complete work on the university's buildings, still unfinished after 15 years.

Wanted: Your thoughts

Your comments on UBC's first-ever Annual General Meeting are welcome and will be used to help shape next year's meeting.

The meeting was recently held downtown and on campus to update the community on UBC's goals for the future, key accomplishments of the past year and its financial position.

Please send your suggestions to UBC Public Affairs Office:

by mail:
310 - 6251 Cecil Green Park Rd.
Vancouver, B.C. V6T 1Z1

by fax:
(604) 822-2684

by e-mail:
public.affairs@ubc.ca

UBC's Annual Report for 1997/98 is available on the Web at www.publicaffairs.ubc.ca



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UBC LIBRARY HOURS December 22 - January 3

UBC Campus Libraries will be open

Tues Dec 22 8am - 5pm
Wed Dec 23 9am - 5pm
Thurs Dec 24 9am - 5pm

**All Campus Libraries
CLOSED DECEMBER 25 - JAN 3**
Normal hours resume Jan 4

Holiday Loans
Starting Dec 8, loans (except reserve loans) may be extended through January 4. Some non-circulating material may be borrowed: ask at your branch.

Off Campus Hospital Libraries will be open

Tues-Thurs Dec 22-24 8am-5pm
CLOSED DEC 25-28
Tues-Thurs Dec 29-31 12noon-5pm
CLOSED JAN 1 - 3
Normal hours resume Jan 4



THE UNIVERSITY OF BRITISH COLUMBIA

Public Forum

UBC Physical Planning Principles

• Monday, Nov. 30, 1998
12:30-2:00 p.m.

SUB Conversation Pit

For more information, see the insert beginning page 6.

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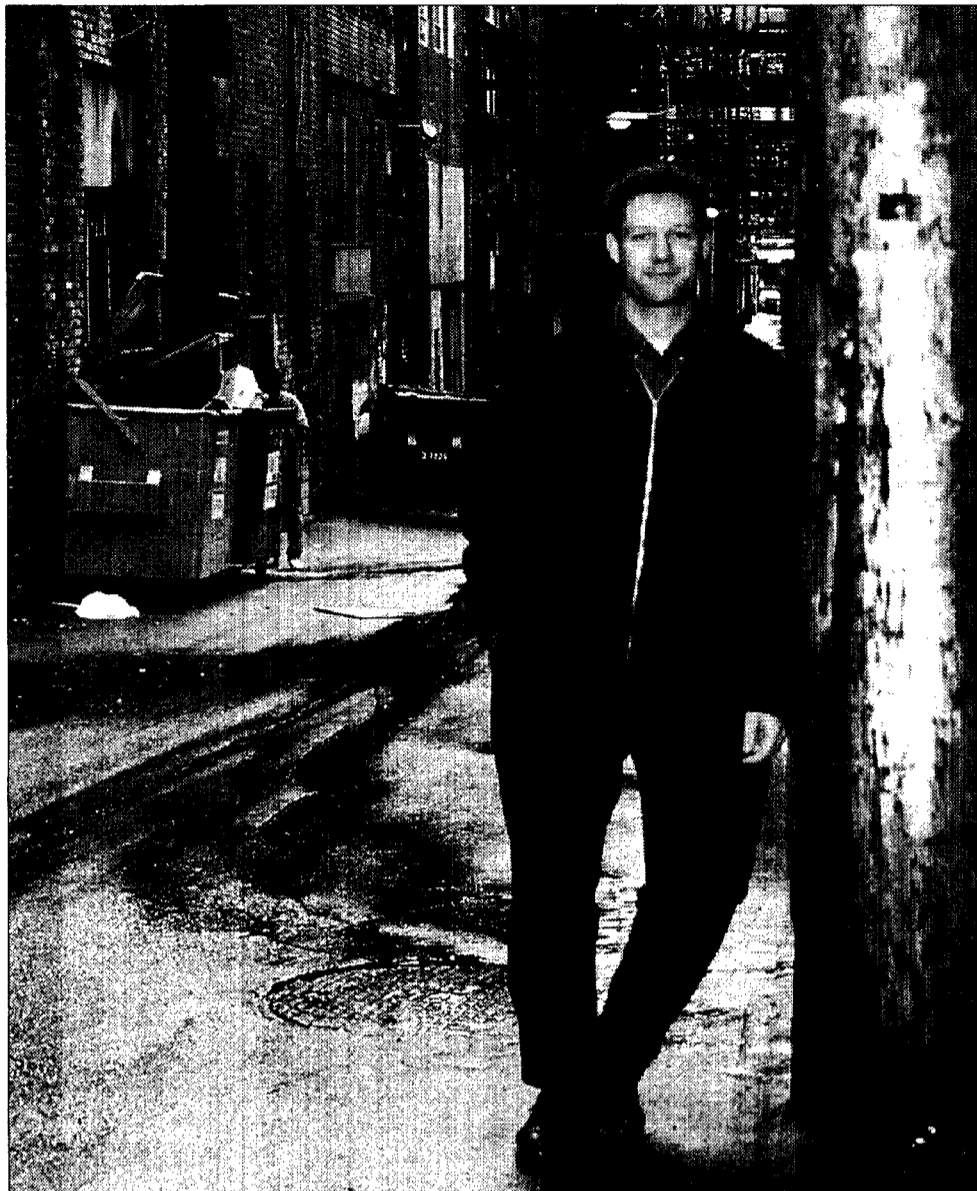
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Graduates make the most of opportunities



Susan Stern photo

Nick Sully, who graduates with a Master of Architecture degree, sees being responsible to society and adding to the public's enjoyment of life as a professional obligation. With that in mind, he hopes to focus on projects such as opening up Vancouver's laneways to the street or designing bus shelters to create common meeting grounds.

Architect sets sights on street life, not towers

by Susan Stern

Staff writer

Intern architect and new UBC graduate Nick Sully is not interested in creating skyscrapers. His vision of city life in the new century will focus on projects that add to the enjoyment of life.

It may be something as simple as a small, street-level kiosk where people tend to socialize. Sully entertains the idea of opening up Vancouver's laneways to the street or designing bus shelters to create common meeting grounds.

"It's a vibrant street that makes a city," says Sully, one of 10 UBC graduates receiving a Master of Architecture degree at this year's Fall Congregation. "It's the social contract between individuals facing each other in an open environment."

Sully, who has an undergraduate degree in geography and history from the University of Calgary, came to UBC's School of Architecture because of its strong reputation in design.

Sully worked with former UBC Architecture Prof. George Yu on his thesis on Calgary's Plus 15 project, a series of raised walkways more than four-and-a-half metres above street level which enables people to connect to their offices without touching the street.

The idea, when the walkways were built in 1967, was to protect people from the elements and to keep a strong central downtown core.

The problem with the walkways, Sully says, is that they are not accessible to anyone

on the street and they close at 5 p.m., creating a ghost town in downtown Calgary.

"The link between private offices and the public street should always be open," he says. "My thesis proposes to add new raised public space to link the buildings on a 24-hour basis to bring more life into the downtown core after hours."

Vancouver architect Bruce Carscadden, a partner with Roger Hughes Partners, offered Sully a job to help the firm redevelop Centennial Square, an area in downtown Victoria that includes Victoria City Hall and the McPherson Playhouse.

The company beat 20 other firms to win the first province-wide competition in 10 years.

"I had to leave UBC for a year but it was

worth it," Sully says. "I was part of a team of eight people. I built all the models and contributed to the design, which focused on bringing people back into Centennial Square."

Strong skills as an artist and business person are important elements

for a successful architect, says Sully, but are not the only skills required today.

"Communication skills are vital," he says. "You must constantly evaluate what people are telling you they want. It's a group process."

Sully is looking for an international life, based in Vancouver. Communications make it ideal to compete for global contracts and do the work at home, he says.

"Architecture is given to you by the people at the end of the day. You can't be an architect without being responsible to society," Sully says. "That's what it's all about."

"You can't be an architect without being responsible to society."

— Nick Sully

Goals

Continued from Page 1

knew I'd go back to school eventually for the theoretical background," she says.

The special mathematical symbols and letters from the Greek alphabet used in mathematical formulae presented a unique challenge for Dilek. She uses an electronic device half the size of a regular computer keyboard called Braille and Speak to process information.

"This is my address book, my calendar, where I keep my class notes and edits to my thesis," says Dilek. "It allows me to be independent of a lot of things."

Dilek can hook up the machine to any computer via cable and have digital data transformed into words spoken by a computerized voice.

In lectures, she uses the machine as a transcriber by entering information using keys that represent Braille symbols. The device can either store the information on a disc or provide a Braille printout.

With some help she devised a translation system where the printed mathematical characters were read aloud using a code that the device could translate into characters of the Braille alphabet.

But even with these significant practical challenges, Dilek says her greatest struggle was returning to school after her studies were disrupted for almost a year due to health problems and a death in the family.

"It was a big decision psychologically," she says. "Recapturing the work and reviewing everything was a huge task."

The words, pictures and sounds that make up multimedia programs require a lot of computer resources such as memory and storage space. The problem is wors-

ened where there are a large number of individuals using multimedia programs at the same time.

Computers can be programmed to compress large volumes of data to create space for more information. The older methods of compression use a fixed rate for reducing bytes.

The volume of data becomes unwieldy, however, where there are many users such as an entire department or organization using multimedia applications. Despite the compression, the system may become too overloaded to provide an acceptable level of quality for users.

A newer and more efficient technique is to use variable rate compression, which saves much more computer space and allows more users to access the system.

"Variable rate is harder on the system, though, and bottlenecks can occur because resources are not being consumed at a uniform rate," says Dilek. "The problem is predicting when and where the bottlenecks will occur."

By developing statistical algorithms, Dilek was able to predict the resource needs for users.

"I was able to apply my theoretical understanding of mathematics to formulate how much space is required at any given time to accommodate the volume of data," she says.

Now that her thesis is completed, Dilek is looking forward to picking up some of her extra-curricular activities. She enjoys listening to and performing choral music. She has also started writing a novel set in the late 18th century.

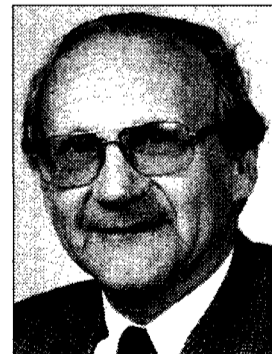
After graduation, Dilek plans to pursue computer systems work.

Ophthalmologist to receive honour

Ophthalmology expert and UBC Prof. Emeritus Stephen Drance will receive an honorary degree from the university at Fall Congregation.

He joined UBC's Faculty of Medicine in 1963 and served as head of UBC's Ophthalmology Dept. from 1973 to 1990.

Drance established a distinguished career in ophthalmology and glaucoma research. He guided the department to a leadership role in the research and treatment of eye disease and was responsible for building the Eye Care Centre at Vancouver Hospital and Health Sciences Centre.



Drance

An officer of the Order of Canada, Drance has served as president of the Canadian Ophthalmologic Society, vice-president of the American Academy of Ophthalmology and as an executive member of the Medical Research Council of Canada.

He was chair of the B.C. Health Research Foundation and has also served on a variety of community organizations including the Vancouver Art Gallery and the Vancouver Chamber Choir.

Drance will receive his honorary degree during Congregation ceremonies at the Chan Centre for the Performing Arts on Friday, Nov. 27 at 11 a.m.

Congregation schedule

Thursday, Nov. 26

- 8:30 a.m.: Science
- 11:00 a.m.: Education; Human Kinetics
- 2:00 p.m.: Education
- 4:30 p.m.: Education

Friday, Nov. 27

- 8:30 a.m.: Applied Science; Architecture; Nursing
- 11:00 a.m.: Agricultural Sciences, Audiology and Speech Sciences, Com-

merce and Business Administration, Community and Regional Planning, Dentistry, Family and Nutritional Sciences, Forestry, Interdisciplinary Studies, Law, Medicine, Pharmaceutical Sciences, Rehabilitation Sciences

- Honorary degree: Stephen Drance
- 2:00 p.m.: Arts; Library, Archival and Information Studies; Social Work
- Presentation to 1938 Graduation Class
- 4:30 p.m.: Arts; Fine Arts; Music

Calendar

November 29 through December 12

Pediatric Grand Rounds

Clinicopathological Conference. Derek deSa; David Wensley. GF Strong Aud. from 9-10am. Call Ruth Giesbrecht 875-2307.

Earth And Ocean Sciences Colloquium

Decadal Climate Oscillations In The Arctic: A New Feedback Loop For Atmosphere-Ice-Ocean Interactions. Lawrence Mysak, McGill U. GeoSciences 330-A at 12:30pm. Call 822-3278.

Equality, Security And Community Colloquium

Linkages Between Community, Inequality, And Population Health. Jim Dunn, Centre for Health Services and Policy Research. Green College at 3:30pm. Call 822-1878.

Westcoast Dharma Society Retreat

Metta Meditation Retreat. Guy Armstrong. Asian Centre from 7-9pm. Continues to Dec. 13. To register e-mail wdharma@unixg.ubc.ca or call 731-5469.

Saturday, Dec. 12

Chan Centre For The Performing Arts Concert
Christmas At The Chan. Vancouver Chamber Choir, other special guests. Chan Centre Chan Shun Concert Hall at 8pm. Call Ticketmaster 280-3311 or Chan Centre box office 822-2697.

Next deadline:
noon, Dec. 1

Notices

Volleyball

Faculty, Staff and Grad Students Volleyball Group. Every Monday and Wednesday. Osborne Centre Gym A from 12:30-1:30pm. No fees. Drop-ins and regular attendees welcome for friendly competitive games. Call 822-4479 or e-mail kdcs@unixg.ubc.ca.

UBC Zen Society

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

Parents with Babies

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

Studies in Hearing and Communication

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

Parents With Toddlers

Did you know your child is a word-learning expert? Help us learn how children come to be so skilled at learning new words. We are

looking for children (one to five years old) and their parent(s) to participate in language studies. If you are interested in bringing your child for a 45-minute visit, please call Dr. Geoffrey Hall's Language Development Centre, Psychology, 822-9294 (ask for Kelley).

Research Study

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

UBC Campus Tours

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

Testosterone Study Volunteers Needed

Men aged 55-70 with low testosterone are needed to test the effects of an approved form of oral testosterone (Andriol) on bone mass, body composition and sexual function. Dr. Richard Bebb is the principal investigator. For more information or to sign up please contact Mary-Jo Lavery, RN (study co-ordinator) at 682-2344 ext. 2455.

Museum Of Anthropology Exhibition

Remembering Lubomil: Images Of A Jewish Community; Vereinigung; Transitions: Contemporary Canadian Indian And Inuit Art; Hereditary Chiefs Of Haida Gwaii; Attributed To Edenshaw: Identifying The Hand Of The Artist; From Under The Delta: Wet-Site Archaeology In The Lower Fraser Region Of British Columbia. Call 822-5087.

BC SMILE

The British Columbia Seniors Medication Information Line (BC SMILE) is a free telephone hotline established to assist seniors, their families and caregivers with any medication-related questions including side effects, drug interactions, and the misuses of prescription and non-prescription drugs when it is not possible to direct such questions to their regular pharmacist or physician. Monday to Friday 10am-4pm. Call 822-1330 or e-mail smileubc@unixg.ubc.ca.

Women's Nutrition Study

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

Parent-Child Relationship Study

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

Got A Stepfather?

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

Peer Program Recruitment

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

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

Statistical Consulting And Research Lab (SCARL)

SCARL offers long- or short-term statistical and analytical assistance to UBC researchers. Resources include expertise in many areas of statistical methodology and a variety of statistical software. Web site: www.stat.ubc.ca/~scarl, e-mail: scarl@stat.ubc.ca or call 822-4037.

UBC Fencing Club

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

Hong Kong Women

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

UBC Birding

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

Female Volunteers

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

Chan Centre Tours

Free tours of the Chan Centre for the Performing Arts are held every Tuesday at noon. Participants are asked to meet in the Chan Centre lobby. Special group tours can be booked through www.chancentre.com or at 822-1815. For more information please call 822-2697.

Thunderbird Winter Sports Centre

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

Faculty Women's Club

The Faculty Women's Club is composed of academic faculty and professional staff at UBC, its affiliated colleges, the library, Health Sciences Centre, and post-doctoral fellows from across campus. It brings together women connected to the university either through their work or that of the spouses for social activities and lectures. The main purpose of the club is to raise funds for student scholarships. There are 18 different interest groups within the club, ranging from art appreciation and bridge to hiking. Do come and join us. Call Louise Klaassen, president 222-1983; Marya McDonald, membership 738-7401.

Wayfinding Study

Seeking participants (students and non-students) possessing good computer and mouse skills for a UBC study on wayfinding in a computer-generated virtual environment. This requires a one-time commitment of two hours, in the Imager lab in the CICS building, for which you receive \$15. For an appointment, e-mail: Steve at spage@cs.ubc.ca; call 822-2218.

Research Study

Five- to 12-year-old children are needed to participate in UBC Psychology research to learn more about the ways children respond to questions about cartoons and stories. Please call Assoc. Prof. Johnston's lab at 822-9037.

Christmas At The Shop In The Garden

Fresh foliage wreaths, baskets and festive decorations made by the Friends of the Garden. The plant centre and shop feature unique gifts, potted evergreen trees, unusual hollies, and winter flowering plants. All proceeds help the garden grow. UBC Botanical Garden from 10am-5pm. Call 822-4529.

Pregnant? Have You Given Birth In The Last Year?

Do you find that you forget things more easily? Do you sometimes feel like your brain is in a haze? Researchers at UBC are investigating hormonal influences on cognitive processing in both pregnant women and women who have recently given birth. The study takes place at the Psychology Dept. and consists of filling out several paper and pencil tests (approx. 50 min.). All tests will be kept confidential. Participants will receive \$10 per hour. Call Sharon Lee 822-6069 or Asst. Prof. Liisa Galea 822-6536.

UBC Children's Art Program

UBC Art Education faculty invites children 7-12 years to participate in a unique art course Saturdays at the Vancouver Art Gallery (Jan. 30-March 13, 1999). \$25. E-mail llackey@interchange.ubc.ca or call Lara Lackey at 822-5422.

50th Anniversary Law Review

The UBC Law Review is publishing a 50th anniversary commemorative issue. We are looking for law school alumni and faculty who wish to submit articles. Please contact the UBC Law Review at 822-3066; fax 822-4633 or e-mail: lawrev@interchange.ubc.ca for details. Deadline for submissions is Jan. 15, 1999.

Participants Needed

For a study involving public participation in B.C. environmental policies conducted by Eco-Risk Research Unit. We offer \$20 for 1.5 hours of your time. UBC staff and graduate students are particularly welcome. (Fluency in English is required). Please call 822-0551.

AMS And Board Of Governors' Elections

Nomination of candidates begins Dec. 1 and ends Jan. 8. Go to the AMS Executive office room 238 in the SUB for forms and additional information or call 822-3971.



Grand Opening SERF Used Computer Outlet

Wed. Dec. 9, 12-5
There will also be a surplus sale.
Task Force Building
2352 Health Sciences Mall
For more info. call SERF 822-2582/2813

At Night:
Tuesday,
December 1st from
7:00pm - 9:00pm at
The University Chapel, located
at 5375 University Blvd

At Lunch:
Thursday,
December 3rd from
12:30pm - 2:30pm in
The Student Union Building
at 6138 Student Union Blvd



Public Meetings

We need Public Input on our Strategic Transportation Plan

Don't miss the bus! If you travel to or live on the UBC campus then this directly affects you. Make sure we know what you want in a Strategic Transportation Plan. It concerns us all, so let's all have our say.

To find out more call 827-TREK or check out the website at www.trek.ubc.ca





THE UNIVERSITY OF BRITISH COLUMBIA

A Legacy and a Promise: Principles for Physical Planning at UBC



THE UNIVERSITY OF BRITISH COLUMBIA

Dear members of the university community:

On the threshold of a new century, our university is undertaking an invigorating process of renewal. Trek 2000, UBC's recently-drafted vision statement, provides us with a new emphasis and direction, and lays out the principles, goals and strategies for a "new" UBC that will respond to the changes taking place in society.

This renewal process also provides us with an opportunity to establish the guiding principles that will shape the physical development of an exciting and vibrant "university city," a place where landscape and buildings will be integrated in new and exciting ways.

To ensure that physical changes take place in keeping with the renewed vision of the university as a more comprehensive and coherent community, a set of planning principles has been drafted. Once formally adopted, these principles will serve as the fundamental guide for the university administration, the broader community, and all those who make decisions about the physical form and character of the university lands.

These planning principles will be the basis for reviewing and evaluating all proposals for physical development. Along with the Official Community Plan for Part of Electoral Area 'A' and the Main Campus Plan, they will set the direction for the university's detailed land use planning, including comprehensive community plans for new neighbourhoods. Together, the academic precincts and surrounding neighbourhoods will make up the "university city" — an area of almost 1,000 acres, equivalent in size to the entire area of Vancouver's downtown peninsula.

Before we finalize any planning principles, we must make sure that we have received input from all those who have a stake in the future development and use of the lands, including members of the university community, residents of the University Endowment Lands, the City of Vancouver, the Greater Vancouver Regional District, the business community, and other groups. I encourage you to review the accompanying document, *A Legacy and a Promise: Principles for Physical Planning at UBC*, and to provide your feedback in the following ways:

- Submit a written response to the associate vice-president, Land and Building Services, University of British Columbia, 2329 West Mall, Vancouver B.C., V6T 1Z4.
- Attend upcoming public meetings. **A Public Forum will be held at the SUB Conversation Pit, Nov. 30, 1998, 12:30-2 p.m.**
- Visit our Web site, www.ocp.ubc.ca and respond in the feedback section.
- Send an e-mail message to avp.lbs@ubc.ca

These issues are extremely important to the future of a great university, and we shall welcome and value your comments and suggestions.

Sincerely,

Martha C. Piper

Martha C. Piper

This paper sets out principles for physical planning of the University of British Columbia's lands. Together with the *Main Campus Plan*, these principles will be the basis for reviewing and evaluating all proposals for physical development. They are intended to guide University administrators in shaping the University's physical form, character and image, according to the renewed vision of UBC as a more complete community, or "University city."

The University of British Columbia aspires to be the best university in Canada and one of the world's finest public universities. The University lands at Point Grey are an integral part of this vision. These lands link the past to the present and provide a legacy of incalculable value for future generations. Although new communications technologies may extend the influence and reach of UBC, the University lands will remain an asset of great value and lasting significance.

As the University grows and changes, it must continue to be worthy of affection, a place that inspires and enriches the lives of those who learn, work, live and visit here. A place of great beauty, uplifting to the spirit. A place where we feel that we belong.

The founders of UBC chose a beautiful but remote setting for the University, a site with spectacular scenery, deliberately apart from the city. Of the vast tract of land set aside in 1910 as an endowment, much more than half was planned for urban uses — retail areas, urban parks and schools, individual homes and apartments. At the time, it was intended that the University would be the beneficiary of revenues from the subdivision of the endowment lands. For many reasons, this vision of "the University city in an idyllic setting"



UBC has a spectacular setting within the urban region; the land is an asset of great value and significance.



One thousand acres, the shaded area, remain of the original, much larger endowment.

wasn't carried through; much of the endowment land, originally earmarked for city-type activities, is now Pacific Spirit Regional Park.

Of the initial endowment, 1,000 acres remain to sustain and support the University's future growth. This land base, while much smaller than the initial endowment, still has immense potential to be a true University city, a powerful place within the overall Vancouver region and a magnet for new investment of many forms — academic, cultural, residential, research. With each year, these 1,000 acres are an increasingly valuable asset. As stewards of the future, our duty is to do the utmost to protect and enhance this uncommon legacy in support of the University's mission.

Original Vision Eclipsed

From its earliest days, the academic core of the University was planned in such a way where individual buildings would be less important than the campus as a whole. The basic land use layout, the three parallel malls transected by University Boulevard, the original grid of streets and development blocks, and the emphasis on landscape design were the chief organizing elements of the time — they remain fundamental components of today's academic core. The Main Mall is a memorable feature, a place which regular users and visitors sense as being the symbolic, if unfinished, centre of UBC.



Quiet spaces and natural areas contribute to UBC's unique sense of place.

Since 1914, the University has grown one building, one road and one car parking lot at a time. While UBC can take pride in a number of outstanding buildings and landscapes, the commitment to a campus whose whole is more important than its individual parts has gradually been eclipsed. The University has evolved into a large and multi-faceted community but, in this transformation, has become a collection of heterogeneous buildings that detract from, rather than support, a cohesive image.

While there are small pockets with their own delightful and distinctive character, the overall physical expression of the University is less than would be expected of an academic institute of international stature. In spite of the remarkable natural landscape and many buildings of distinction, the campus as a whole underwhelms rather than inspires.

Renewing the Promise of a University City

Some places, because of their physical presence, reach out and grab us. They arouse our senses, invite our curiosity, and make us want to return, to experience more. Almost always, these are places of great natural beauty or architectural intrigue, but they are also places of diversity and activity — the bustle of a market plaza, snatches of conversation in sidewalk cafes, the vitality of a children's playground, music and laughter late into the night, quiet passageways and secret gardens, buildings which greet us as we walk along the street. Full of surprises, places of discovery. Now think about UBC. Imagine it as such a place. More urban. More diverse. More open to the possibilities of the urban arena. A University city.

Physical place matters greatly to many people. Learning and scholarship benefit immensely from being conducted in an visually appealing, safe and accessible environment. Education is an activity that is highly sensitive to its milieu. A Carnegie Foundation study in the United States found that, for 60 percent of college bound students, the visual environment was the most important factor in choosing a college. Students are "turned on" by a richly appealing environment; as alumni, they respond all their lives to memories of favourite places and vistas within this environment.

To continue to attract outstanding students, faculty and staff and to maintain the support of the community, donors and investors, the University will dedicate resources to making UBC a place that captures and sustains their interest. A place they feel they want to be a part of; somewhere with its own clear identity, unlike any other in the world.

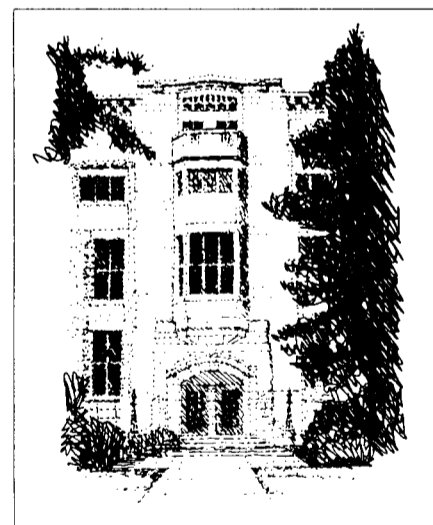
An Opportunity Unlike Any Other

We have a remarkable opportunity to nurture a University city of great beauty and great vitality, in a sustainable way. Although society's values will change over time and many factors will affect future decision-making, it is incumbent on our generation to retain and enhance the University's land endowment for the next generation, and the ones that follow.

UBC must further the overall vision of the University city by encouraging individual physical changes that celebrate activity and diversity, that knit together the disparate parts of the University lands, that invite people in, and in so doing, foster an environment that has its own ordered wholeness. Comprehensive community plans for new neighbourhoods, as well as individual projects, will demonstrate their commitment to this vision.



UBC can become more interesting and lively, with places of diversity and activity.



UBC ... a place you want to be a part of.



THE UNIVERSITY OF BRITISH COLUMBIA

PRINCIPLES FOR PHYSICAL PLANNING (CONT.)

Planning Principles

Eight planning principles are the foundation for developing and evaluating proposed physical changes within the University lands. The principles will be the fundamental guide for the University administration, the broader community and all those who make decisions about the physical form, character and image of the University. The eight principles group into *three broad themes*:

- UBC: A Complete Community
- UBC: A Unique Place
- UBC: A Regional and Global Leader

UBC: A Complete Community

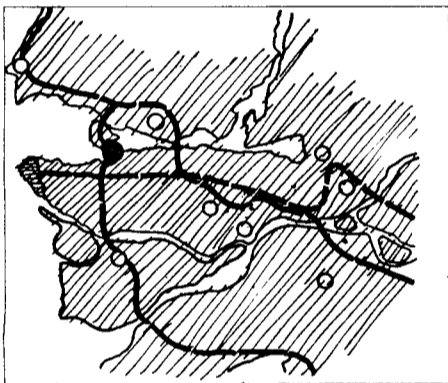
The 1,000 acres owned by UBC will be planned, developed and administered as an integrated and complete community. The lands cannot be fragmented or split between jurisdictions.

Principle 1: The University Lands: As One

The University lands are one entity, greater than the sum of its parts. Each physical change – building, open space, neighbourhood – should enrich and complete the whole, yet open new horizons for future change. All spaces will be designed to their potential, each contributing to the experience of the University.

Principle 2: The Community: Vibrant and Ever-Changing

UBC is a major centre within the larger region and a significant contributor to its economy. Many different uses and landscapes will sustain this energetic, safe and diverse community. The ever-changing landscape will support the intellectual curiosity, social well-being and spiritual life of its inhabitants and visitors.



A centre of growth within the region.

UBC will be viewed as a *centre of growth* within the Greater Vancouver region whose economic base is academic, cultural and research enterprise. Residents of the region will view UBC not only as an educational institution, but as a *regional centre* of many activities that offers unique opportunities for academic and cultural enrichment.

- UBC will be a place where *many uses and activities* happen in parallel, busy at all hours of the day and night – a more complete community. It will be home to people of a range of ages, open to people of many cultures and lifestyles.
- UBC will be viewed as a *centre of growth* within the Greater Vancouver region whose economic base is academic, cultural and research enterprise. Residents of the region will view UBC not only as an educational institution, but as a *regional centre* of many activities that offers unique opportunities for academic and cultural enrichment.
- More people will want to *live and work* on the University grounds, including within the main campus. There will be opportunities for market housing of many types, as well as University-sponsored housing. Increased numbers of people living here will bring about a density and intensity that supports the other uses and activities of the University city.

UBC: A Unique Place

The University lands must be planned, developed and administered with a commitment to a unique and memorable identity for all who learn, work, live and visit here.

Principle 3: The Experience: A Place to Remember

The University's unique history, culture and natural setting combine to give the campus meaning and a sense of permanence for students, faculty, staff, residents and visitors. Physical changes will celebrate these attributes and respect their worth.

- Everyone who is connected with the University, as well as visitors to UBC, will be excited about its *unique image and character* and will immediately recognize its important role and contribution within the overall urban region.
- There will be *unifying physical patterns* that remain consistent over time, yet allow changes to take place that add greater and greater richness to the whole. The University will evolve continually through creativity, innovation and renewal. Each individual act will help create or generate the larger pattern. In existing neighbourhoods, individual components will be altered or replaced but the integrity of the whole will not be compromised.



A place of image and character.

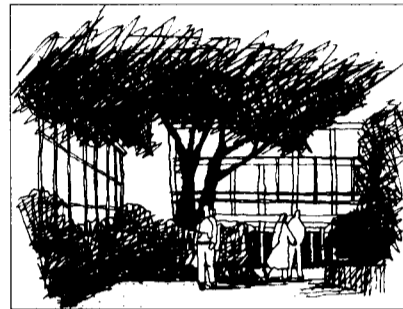
- All *entrances* to the University will project a strong, positive and enduring image of UBC. Each person entering will instinctively know he or she has arrived in an extraordinary environment, as did the students who took part in the Great Trek of 1922.
- The *academic core* will proclaim its status as the primary social and economic centre of the University city – a place where students, faculty, staff, visitors and nearby neighbours naturally gravitate at all times of the day and evening, every day of the year. Within the campus, a promenade will form the heart of the community, a place of intense outdoor pedestrian activity – an opportunity for spontaneous activities, informal celebrations and hallmark events. Redevelopment, infilling and reorganization of existing spaces will be needed to realize this vision.

- Mature cities are made up of many neighbourhoods. At UBC, *new urban neighbourhoods* will be created, each with its own character and diversity but, at the same time, be clearly and completely integrated into the whole of the University city. No neighbourhood will be predominately a single use; a mix of uses is absolutely essential in the University city and mixed use projects are highly desirable. Existing academic and research uses will be encouraged to stay and possibly expand within these new urban neighbourhoods.



People will be able to walk easily in all types of weather.

- Getting to, and moving around, the University city will be by *several forms of transportation*, but there will be increasing use of transit, walking and cycling. The influence of private vehicles will be reduced on nearby neighbours as more people live and work at UBC.
- People living and working throughout the University city will be able to *walk easily*, in all types of weather, to places of activity – to socialize, to eat and drink, to buy convenience goods and personal services. It will seem natural to make this walk and will become part of one's everyday routine.



There will be as much emphasis on the connecting spaces as on the design of individual structures.

- A *system of open spaces and greenbelts* will connect all parts of the University city with each other and the surrounding forest and will link areas of activity. As new neighbourhoods develop to the south, Thunderbird Park will become more central to the life of the city; opportunities will be found to open up and integrate this marvellous green for wider use and enjoyment.

- There will be as much emphasis on the *connecting spaces and links* between buildings as on the design of individual structures. Places that have important meaning will be clearly identified, including entrances to the University lands. Places of activity, places of solitude will be designed as part of any project. There will be no forgotten spaces.

UBC: A Regional and Global Leader

The University lands must be planned, developed and administered in the knowledge that UBC is one of British Columbia's most valued resources. Whatever physical changes occur here will have influence and impact far beyond our own lands.

Principle 4: The Environment: Incredible Riches

Graced with an incomparable natural environment, the University will be a responsible steward, respecting and valuing the land, air and water that sustains this environment. As growth takes place at UBC, it is our responsibility to ensure that our actions contribute to sustaining the environment, locally and globally.

- UBC will provide leadership by demonstrating the means to a sustainable community, including setting new standards for design, construction and operations. Just as the University contributes to a healthy society and economy, it invests in maintaining the ecological resources which society depends on.



The University will respect the land, air and water that sustains this environment.

Principle 5: The Endowment: A Legacy Retained

The 1,000 acres that make up the University lands will be retained by the University and judiciously used to enhance UBC's financial viability. Physical planning and design must be carefully integrated with academic and economic planning. Above all, the land endowment will be the stage to support the University's mission, leading to positive, enriching experiences for all users and visitors and building a sense of identification with the University that will last throughout their lives.

Principle 6: The Perspective: A World Beyond

The University is an integral part of the Vancouver city-region and is highly valued by many people across the nation and around the world. As the University grows, the aesthetic, social, economic and ecological significance of each proposed physical change will be viewed from a broader perspective.

Principle 7: The Opportunity: Global Leadership in a Changing World

The process of physical change must be flexible and responsive to the changing needs and values of society. The University will experiment with new ideas, establish precedents and provide outstanding leadership in urban planning and landscape and building design.

- UBC will lead by example, providing an opportunity to implement ideas and technologies that are generated within the University to be showcased to the broader community. The University's formal academic and research buildings will display their activities and invite the curious to approach and explore.

Principle 8: The Process: Open and Integrated

The process of physical change must invite the participation of all who have an interest in the outcome and be exemplary in every respect. UBC has the mandate and the strong desire to work in collaboration with all members of the University community and neighbouring communities.

Eating disorders topic of campus student survey

by Susan Stern

Staff writer

A confidential survey is underway to determine how widespread disordered eating problems are among young women at UBC.

The survey is being distributed to female students across campus in first-year classes, clubs, sororities, residences and athletic teams.

It is part of an initiative by Student Health Service, Counselling Services and the Women Students' Office to help all students with disordered eating conditions such as anorexia nervosa, bulimia and compulsive eating.

Disordered eating can affect anyone at any age, including young men, but statistics indicate the vast majority of those struggling with it are young women.

"Dieting has become such a norm in our society and it's reported that up to 90 per cent of women believe they are too fat," says Judith Frankum, co-ordinator of Wellness Education Outreach in Student Health Service.

The results of the survey will be used to create further support for students struggling with the disorder. The information will also be used to increase awareness of the problem among the campus community.

Symptoms of disordered eating include intense fear of becoming fat, depression and moodiness, guilt or shame about eating, avoidance of friends or family, low

self-esteem, excessive exercise, stress fractures, irregular or absent menstrual periods, frequent dental problems, distorted body image and preoccupation with food, weight and dieting.

"It's important to recognize that disordered eating is a coping mechanism that people use to deal with stress, emotions, and other underlying issues," says Frankum. "Support and professional attention will be necessary in order to learn other ways to cope."

In mid-January, Kathryn Pedersen, a counsellor in the Women Students' Office, is organizing a therapy group for female students called *Breaking Free: Reclaiming Your Life from Disordered Eating*. Pedersen says it will be a safe and confidential place to talk about the effects of the disorder.

"The group will focus on sharing stories and their success at freeing themselves of eating problems as well as learning how to take small steps to reclaim their lives," says Pedersen.

Pedersen is also concerned about young men who suffer from disordered eating.

"They rarely talk about it and their problem often goes unreported," she says. "I encourage young men to contact UBC Counselling Services or consult a campus doctor in the Student Health Service."

For more information about the survey and the therapy group call the Women Students' Office at 822-2415.



Denise Grant photo

Best Brass

UBC Music at the Chan Centre is bringing The Canadian Brass to campus Dec. 10. Now in their 28th year, The Canadian Brass offer an evening of virtuosity, musicality, and wit in a program from Bach to Dixieland. The group is also giving a private master class at the UBC School of Music. For tickets to the concert call 822-2697.

Forum

Putting patients and taxpayers first

by Donald W. Light

Donald Light, a professor of Comparative Health Care Systems at the University of Medicine and Dentistry of New Jersey, recently gave the John F. McCreary Lecture as part of Health Sciences Week. The following is taken from his lecture.

An example of putting patients and taxpayers last is the erratic and lengthening waiting lists in Canada. As an expert on so-called waiting lists, let me clarify what they are.

First, they usually are not lists. Rather they are pools of patients treading water until someone fishes them out.

Second, there are usually four waiting pools and they are set up so that no one can get a grip on the whole process of waiting.

The first pool consists of patients the primary care doctor refers for investigation, and the second pool consists of patients that the specialist recommends for further investigations or for a procedure.

The third waiting pool consists of patients that primary care physicians would have referred if the waits were not so long. This is a reserve pool from which patients are drawn to fill up the first two waiting pools if extra funding or a special program is carried out to reduce them.

It is this pool that makes it look as if there is no way of reducing waiting lists, as if there is a bottomless pit of medical need. In fact, medical need is not bottomless.

The fourth waiting pool, often ignored but critical, are patients treated right away as urgent or emergency cases.

Why are they a waiting pool? Right away turns out to be not now, but within a few days or several days, so there is a wait.

More important, what specialists define as urgent varies considerably from place to place and from season to season.

Usually the waiting pools are put in the hands of specialists in ways that allow them to reap benefits from managing them to their advantage.

But waiting pools should be run by the payers or buyers, because who waits for how long and for what is, as they say, a matter of 'allocative efficiency.'

And on the whole, waiting lists are a sign of inefficiency, though some waiting plays several clinical functions and saves money.

The length of time and number of patients treading water varies dramatically, even for the patients waiting in the same area for the same procedure.

These variations, again, are the unscientific results of physician autonomy. The recent national review of Canadian waiting lists concludes that "With rare exceptions, waiting lists in Canada are non-standardized, capriciously organized, poorly monitored, and in grave need of retooling."

The waiting pools are organized to maximize physician autonomy and op-

portunities to profit because the governments want to minimize political heat.

Ironically, private care makes waiting worse, even for private patients.

A study by the Consumers' Association of Canada found that patients wait much less time if they choose surgeons who operate *only* in the public hospital, while surgeons who practice privately part-time make both their public and private patients wait longer.

The organization and incentives of Canadian waiting pools ration care in ways that put patients' needs last. They also put taxpayers last by spending their money in inefficient, wasteful ways.

In particular, the Canadian approach to waiting pool management has been dominated by throwing money at the problem.

As the payers, provincial governments need to insist on data that tell them who is in those pools, how they got

there, who is managing patient selection, and whether patients are being fished out according to appropriate clinical criteria.

There are several ways to shorten waiting times and save money: but first, the payers or governments need to decide they really want to get the job done.

As payers they need to combine and oversee all phases of waiting, from the

moment a primary-care provider decides a referral is advisory to the end of the story. That means establishing criteria for referral for investigations, and further criteria for operations or procedures.

Second, a scale of severity needs to be put into operation, one that balances clinical need with the costs of waiting such as pain, loss of income, impaired function, and responsibilities for children, elderly or other dependents. Such scales already exist and can be quickly adapted.

Third, the payers need to pay hospitals or facilities in ways that reward treating the high-priority patients quickly.

Fourth, within a hospital or facility, multiple inefficiencies, dislocations, and poor information systems, when straightened out, greatly shorten waiting times.

Finally governments can set up programs for enabling patients to share in the decision about whether they want surgery and if so, what kind.

I do not mean informed consent; I mean shared decision-making.

The time has come for the public to understand how current policies may dismantle the Canadian system and create a more costly and inequitable two-tier system.

The time has come for the Canadian government to make its health insurance system truly universal, comprehensive and equitable, and to make its organizational and financial structure put patients first and thus minimize rationing at the bedside.

"Ironically, private care makes waiting worse, even for private patients."

— Donald Light



Hilary Thomson photo

The Canada Foundation for Innovation (CFI) recently awarded Forest Sciences Prof. Kermit Ritland more than \$350,000 to set up the Genetic Data Centre (GDC). The shared research training facility will collect and analyze genetic data in forestry, agriculture, conservation and evolution studies. CFI funds pay for the modernization of infrastructure in the areas of health, environment, science and engineering research.

Geneticist first to receive \$350,000 innovation grant

Forest Sciences Prof. Kermit Ritland is the first UBC recipient of a Canada Foundation for Innovation (CFI) grant of more than \$350,000.

"This level of support is essential," says Bernie Bressler, vice-president, Research. "It allows us to attract and keep top researchers here at UBC and that benefits not only our students but the province as a whole."

The funds will contribute to the \$955,000 needed to set up the Genetic Data Centre (GDC), a shared research training facility that will be housed in the new Forest Sciences Building.

"I think the combined strength of UBC researchers across departments led to our success in getting this award," says Ritland, who holds a Natural Sciences and Engineering Research Council Industrial Research Chair.

The GDC will provide space, equipment and the knowledge base for the collection and analysis of molecular genetic data in forestry, agriculture, conservation and evolution studies.

Researchers from disciplines including zoology, plant science, soil science, botany and forestry will conduct genetic assays and analysis on organisms of all types. Training for graduate students, faculty and researchers across Canada will also be offered.

Research projects will fall into five major categories with a focus on conservation genetics.

Scientists will develop genetic markers to identify individuals, determine relationships and measure genetic diversity in the wild.

Gene conservationists will investigate molecular genetic markers to examine the genetic variation in rare and endangered species.

Researchers will also study the use of genetic markers in breeding and crop production, conduct comparative DNA sequence studies and map genes to track inbreeding and evolu-

tion in a variety of plant and animal species.

"Applying genetic science in the wild is an emerging area, and one that's very important for B.C.," says Ritland, a population geneticist who works with genetic variability.

Earlier this year CFI granted UBC 20 awards of up to \$350,000 each. The funds were for equip-

ment and facilities ranging from microscopes to a virtual architecture research lab.

The \$800 million 1997 federal budget as an independent organization to support innovation and research. The CFI pays for 40 per cent of the capital costs of new facilities.

T-bird notes

by Don Wells

Women T-birds bring home the gold



Magnus

It was a golden autumn for the UBC women's field hockey team, thanks to a goal by Leslie Magnus in the national championship final against the University of Victoria.

Magnus's winning goal gave the T-Birds their first gold medal finish in the Canadian Interuniversity Athletic Union (CIAU) Women's Field Hockey Championship since 1990. It was also UBC's 41st championship in CIAU history and the highlight of the fall season in Thunderbird athletics.

Magnus, a third-year Arts student and a three-time Academic All Canadian was also the 1998 winner of the Gail Wilson Trophy.

The trophy is awarded annually to the Canada West Conference player who best exemplifies outstanding team leadership, loyalty, athleticism and deportment.

Coach Hash Kanjee was named 1998 Canada West and CIAU Coach of the Year.

UBC's women's rugby team also made an entry into the history books by competing in the first-ever CIAU Championship at McMaster University where they won bronze medals.

UBC's Cheryl McKay, a second-year Arts student, won individual honours as the inaugural CIAU Player of the Year.

The Thunderbird football team came up just three points short of winning the Canada West conference championship against the Saskatchewan Huskies. The 31-28 loss ended UBC's bid to repeat as Vanier Cup champions, however, their impressive 7-3 record, which included a win over SFU in the annual Shrum Bowl, serves as a tribute to the team and to ailing head coach Casey Smith.

The 1998 UBC football campaign, dubbed "Courage for Casey" by the players, was devoted to Smith who was diagnosed with liver cancer last spring.

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

The deadline for the December 10 issue of UBC Reports is noon, December 1.

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ENGLISH COUNTRY GARDEN B & B Warm hospitality awaits you at this centrally located view home. Large rooms with private baths, TV, phones, tea/coffee, fridge. Full breakfast, close to UBC, downtown and bus routes. 3466 W. 15th Ave. Call 737-2526 or fax 727-2750.

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

Accommodation

ALMA BEACH B & B Beautiful, immaculate, bright rooms with ensuite in elegant, spacious home. 2 blocks to Jericho Beach/Vancouver Yacht Club. Gourmet breakfast. Central location to downtown/UBC. N/S. Call 221-0551.

THOMAS GUESTHOUSE 2395 W. 18th Ave. Visitors and students of UBC are most welcome. 15 min. to UBC or downtown by bus. Close to restaurants and shops. Daily rates from \$50 to \$100. Please call and check it out at 737-2687.

TRIUMF HOUSE Guest house with homey, comfortable environment for visitors to UBC and hospital. Located near the hospital. Rates \$40-\$65/night and weekly rates. E-mail: housing@erich.triumf.ca or call 222-1062.

SABBATICAL IN PARIS? Ideal fully furn. studio. Steps from new bibliotheque, bus, metro, shopping. Sep. kitchen. New TV/video/stereo system. U/G parking. Generous closet space. Sept. '99-June 2000 or any 5-month period. Reasonable rent. E-mail cpfb@unixg.ubc.ca or call 732-9016.

FULLY FURNISHED fully equipped (dishes/linens) 1 BR suite in Point Grey near UBC, beaches and park. Garden patio, private entrance, TV, microwave, util. and cable incl. \$450/wk., \$985/mo. Call 228-8079.

SPECTACULAR OCEAN VIEW 1 BR condo SE corner at beach. 15 min. to UBC. Nicely furnished, fully equipped, microwave, D/W, TV, VCR, phone voice mail. Queen size hide-a-bed. \$1295/mo. E-mail: dandrew@direct.ca, call 682-6970 or fax 682-2153.

STEVESTON Furnished 2BR and den townhouse, incl. cat, in beautifully landscaped grounds. Adult community. N/S. close to Steveston. 18 km. to UBC. \$600/mo. and util. Avail. Dec. 15-Mar. 31. E-mail: jglossop@ibm.net or call Joan and Don Glossop 277-1781.

Accommodation

POINT GREY New very quiet garden level suite. 1200 S.F., 4 new appliances. N/S, N/P. \$1000 incl. cable, util. extra. 1 year lease. Avail. immed. Call 228-1057.

WEST END 1 BR condo. Nicely furnished. Stanley Park - beach. Sunny, bright with view. All inclusive plus parking. Owner in Toronto. Photos avail. \$1000/mo. Call (416) 322-6502 or (604) 801-5312.

House Sitter

VISITING INSTRUCTOR Capilano College needs housesitting arrangement Jan.-June '99. N/S. Will take care of pets, plants, yard. Ref. avail. Call 986-1911 Loc. 3007.

NORTH VANCOUVER TEACHER with excellent ref. avail. for housesitting Jan.-June '99 or portion. Call 803-4940.

Services

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

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THE UNIVERSITY OF BRITISH COLUMBIA

Institute of Applied Mathematics Director

Applications and nominations are invited for the position of director of the Institute of Applied Mathematics.

The primary function of the institute, which is in the Faculty of Graduate Studies, is the promotion of interdisciplinary research and teaching activities involving computational and applied mathematics. It is responsible for co-ordination of applied mathematics within the university and providing opportunities for graduate students wishing to undertake interdisciplinary programs in this area. It organizes colloquia and special seminars and provides consultative assistance to those who use applied mathematics in their research.

Members of the institute come from a variety of disciplines, mainly within the faculties of Applied Science, Commerce and Business Administration, and Science.

The search for a director is internal within the university. Applicants should have expertise or major interest in applied mathematics and may be from any faculty or department.

The position, which is available as of Jan. 1, 1999, carries an administrative stipend. Office space, secretarial support, and some S&E funding are also provided by the Faculty of Graduate Studies.


Applications or nominations should be forwarded by Dec. 14, 1998 to:

Assoc. Dean Robert Blake
 Faculty of Graduate Studies
 180 - 6371 Crescent Rd., Campus Zone 2
 Tel: (604) 822-6802
 Fax: (604) 822-5802
 E-mail: blake@mercury.ubc.ca

The University of British Columbia hires on the basis of merit and is committed to employment equity. The University encourages all qualified persons to apply.

Calling all University Researchers in Advanced Systems Technologies

graduate students high-tech companies
 undergraduates support organizations
 faculty investors



March 9, 1999
 Robson Square Convention Centre - Vancouver

The ASI Exchange is an advanced technology swap meet and a showcase of new technologies and research. This one day event brings together all of the "players" in BC's high technology community.

- Get your profile in the Academic Research Directory
- Present a half-hour demonstration/seminar on your research
- Pre-register to attend

To find out more: check out our website (www.asi.bc.ca/asi/exchange/) or contact Lisa Welbourn at ASI (lisa@asi.bc.ca).

Presented by the BC Advanced Systems Institute (ASI)



Susan Stern photo

Let There Be Light

Arleta Starzyk (left), fourth-year Human Kinetics, and Amy Holliday, fourth-year Science, make last minute touches to decorative tin lanterns for the annual campus procession and turning on of the Lights of Learning by Main Library held last night. The event kicked off the annual Live@UBC Lights Festival. From Nov. 25 to Jan. 8, faculty, staff and students are asked to help brighten the dreary winter days by lighting a tree, windows, foyer or workspace.

In Memoriam

Frank Eastham: 1944-1998

Loved and respected by all

The following remarks were made by UBC President Martha Piper at a memorial service held for Frank Eastham at the Chan Centre for the Performing Arts on Nov. 18. Others participating in the service, which was attended by more than 400 members of the campus community, included Vice-President, Administration and Finance, Terry Sumner, Harvey Burian, Human Resources, as well as representatives from across campus.

I remember the first time I met Frank Eastham — we were both between jobs; Frank was considering returning to UBC after a brief stint at Bell Canada, and I was preparing to join UBC as I completed my term at U of A.

It was a wonderful meeting, as we both shared our excitement and expectations for UBC. Although I can't recall the details of our conversation, I remember vividly the feeling I had after interacting with Frank—warm, real, sincere, caring, bright, positive and most of all, energetic, enthusiastic and fun.

It is this feeling we honour today as we gather to pay our respects to Frank Eastham, a great human being who has touched, directly or indirectly, all of our lives here at UBC. As a university community, we offer our most sincere condolences to Frank's family members who are with us today.

We also gather today to celebrate Frank's life and his zest for life — his commitment to this university, and his dedication to its people.

Frank Eastham joined UBC in April 1991 as associate vice-president, Human Resources and provided distinctive leader-

ship in the areas of human resources and labor relations, setting this university as an example for the country.

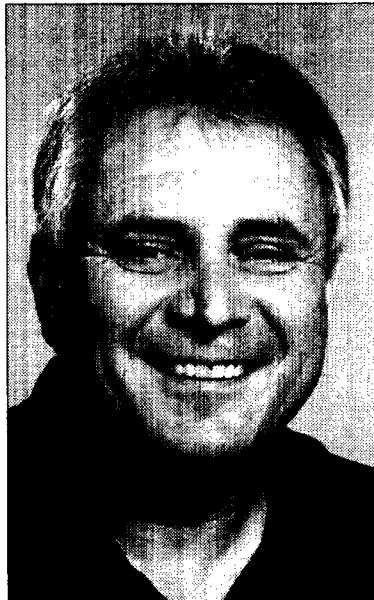
A recipient of the 1996 Award of distinction from the B.C. Human Resources Management Association, Frank demonstrated the highest degree of professional practice in everything he did.

Throughout his time at UBC his commitment to the university, and its people, was unconditional. He believed passionately in the academic mission of UBC and cared deeply about its future. His voice, and all of its amazing metaphors, phrases and nuances, was respected, whether at the VP level or the negotiating table—whether in Victoria as our representative to the government or in consultation with our sister institutions.

We all listened to and learned from Frank—benefiting on a daily basis from his wisdom and sage counsel. Rarely did a day go by that Frank would not leave me a voice mail message—supporting, advising, comforting, guiding. We will miss hearing his voice, but we will remember its message.

Perhaps more important than his voice, Frank made a difference to this university through his actions. Frank performed in a way, that few others do...taking every initiative seriously — preparing every presentation with utmost care — taking responsibility for all of his actions, moving agendas positively forward. In short, Frank "walked the talk" and ensured that we all did likewise.

How many times were we all challenged by Frank to do what we said we would do? Popping his head into my door, he would cajole me into action, urging me



Frank Eastham

to make a decision or begin an initiative. Frank understood how to get things done; but perhaps most important, he understood how to get others to get things done. We will miss Frank's activity, but we will remember his actions and will strive to continue to act as he would have wanted us to.

Rarely, at a university, is there an individual who is loved and respected by all—students, staff and faculty. Frank Eastham was such a person — one whom we all benefited from knowing and working with. It is for this reason, that we are all experiencing such a profound sense of loss.

Each of us will miss Frank terribly — in our own ways — but likewise, each of us will remember him, and through our memories, will strive to live up to his high standards and actions to create the university community, here at UBC, that Frank so deeply cared about and believed in.

People

by staff writers



Marchak

Patricia Marchak has been elected by faculty to the Board of Governors.

A former dean of Arts, Marchak is a professor in the Anthropology and Sociology Dept. and the Institute for Resources and Environment. She served as head of the Anthropology and Sociology Dept. from 1987 to 1990.

A UBC graduate, Marchak is a fellow of the Royal Society of Canada and president of its Humanities and Social Sciences Academy. Her areas of special interest include the sociology

of the forest and fishing industries, and political ideologies. Anatomy Prof. Joanne Emerman has been re-elected to the board.

Emerman, who is also associate dean, Research, in the Faculty of Medicine, was elected by faculty to the board in 1996.

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Prof. Emeritus Michael Smith has been inducted into the Canadian Science and Engineering Hall of Fame.

Smith won the 1993 Nobel Prize in Chemistry for his work in reprogramming the genetic code found in DNA.

He is the director of Vancouver's Genome Sequence Centre, the first research centre in Canada devoted to decoding human genes.

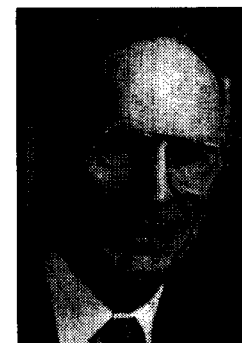
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Linda Harmon has been appointed director of Business Relations in External Affairs effective Nov. 1. Harmon has an extensive background in national and international marketing and sponsorship.

In addition to working for the 1999 PanAm Games and the 1998 Commonwealth Games, she served as sponsorship manager for the International Conference on AIDS in Vancouver.

Business Relations helps the university find alternative sources of revenue through preferred supplier partnership agreements. A comprehensive set of guidelines developed by an advisory committee of faculty, staff and students ensures that the university preserves its fundamental and ethical values as it enters these partnerships.

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Sauder

William Sauder was recently re-elected by acclamation to serve a second term as university chancellor.

A UBC graduate, Sauder is chair of International Forest Products and Sauder Industries Limited. He was a member of UBC's Board of Governors from 1981 to 1987, and served as chair of the board for the last two years of his term. He was named chancellor in June 1996.

Poet alumna wins G-G literary award

A graduate of the Creative Writing Program at the University of British Columbia has won this year's \$10,000 Governor General's Literary Award in English for poetry.

Stephanie Bolster (BFA, Creative Writing '91; MFA, Creative Writing '94) won for *White Stone: The Alice Poems* published by Signal Editions/Vehicule Press. *White Stone: The Alice Poems* was selected from 90 titles submitted for the award.

"The Alice poems benefit from Stephanie's West Coastness, the ability to shift identity and merge with the surrounding greenery and scenery," says Creative Writing Prof. George McWhirter.

"She brings the glitz of sequins and Lycra in of present together with life and imagination's unpredictable turns

through the lacework of the past."

Bolster completed her thesis work with poet and UBC Killam Teaching Prize winner McWhirter in 1994.

White Stone: The Alice Poems, is Bolster's first published collection. It explores the disturbing yet fascinating relationship between Charles Dodgson, also known as Lewis Carroll, and Alice Liddell, who was the inspiration for Carroll's Alice books.

Bolster's next book, *Two Bowls of Milk*, will be published by McClelland & Stewart in spring 1999.

Bolster has previously won the Bronwen Wallace Award, the Malahat Long Poem Competition, the Mother Tongue Competition, the Mother Tongue Competition and the Norma Epstein Award.



TREK 2000

Think About It.

A VISION FOR THE UNIVERSITY OF BRITISH COLUMBIA INTO THE 21ST CENTURY

A message from the President

Since its opening in 1915, UBC has developed a reputation for excellence in teaching and research, and has become a leader in higher education in Canada. That might not have happened without the drive and determination of the "Great Trekkers," the UBC students whose march and demonstration in October 1922 persuaded the provincial government of the day to complete the new UBC campus on Point Grey.

Today we must plan again for a new UBC, for a university that will meet the challenges of growth and change as we enter the new millennium. Our goal is to become Canada's best university, and in pursuit of that goal we have consulted extensively over the last nine months with our faculty, students, and staff, as well as with members of the external community.

The process of consultation has helped us to articulate a new vision for UBC, and to identify key targets and strategies to attain that vision. The steps we plan to take, and the principles underlying them, are outlined in a vision document we have called *Trek 2000*. In that document, here presented in brief, we have laid out the path that we believe must be followed if UBC is to attain its goal of becoming Canada's finest university. If we work together, and revive the spirit of the Great Trek, we shall achieve that goal.

As presented in *Trek 2000 - A Vision for the 21st Century*, UBC's plans for the future are grouped in five areas:

PEOPLE: UBC recognizes that people are its most important resource, and accordingly gives high priority to attracting and retaining outstanding faculty, students, and staff. The strategies to be adopted include: the development of an academic plan to guide faculty and staff renewal and retention; improved mechanisms for acknowledging faculty achievements and staff contributions; the strengthening of recruitment efforts to attract the best students; and significant improvements to the physical structure of the campus and the services provided to students.

LEARNING: UBC is committed to maintaining the highest standards of teaching and learning. Our goal is to provide students with a challenging and distinctive education that is international in scope, interactive in process, and interdisciplinary in content and approach. We intend to develop new learner-centred curricula, increase co-op and internship programs, integrate information technology with instruction, renovate all labs and classrooms, and develop new programs for life-long learning.

RESEARCH: As a major research-intensive university, UBC is dedicated to the search for knowledge and understanding, and their application for the benefit of society. Our goal is to become the leading research university in Canada, and one of the leading research universities in the world. To achieve this goal we intend to improve funding and mentoring support for our researchers, attract increased funding from all sources, both public and private, and expand liaisons with government, industry, and labour. We shall strengthen our library, and develop plans to guide the recruitment and support of graduate students and postgraduate fellows.

COMMUNITY: UBC is dedicated to furthering the social, cultural, and economic interests of Greater Vancouver, British Columbia, and Canada. We shall develop educational and research programs in collaboration with local and regional communities, and seek creative solutions to complex social problems through applied research. To this end, we shall consult many groups and individuals, including the newly-established President's Community Advisory Council, as well as appropriate branches of government, other educational institutions, and our alumni.

INTERNATIONALIZATION: Recognizing its role in an international network of learning, UBC is dedicated to educating its students to think globally, and seeks to advance learning and research that will strengthen British Columbia's and Canada's links to other nations. Our strategies here will include efforts to attract more international students through exchange programs, and a greater focus on research initiatives in Asia-Pacific, the Americas, and Europe. We shall also expand the study of aboriginal culture and history both in Canada and abroad, and increase the numbers of aboriginal students.

*THE UNIVERSITY OF BRITISH COLUMBIA,
ASPIRING TO BE CANADA'S BEST UNIVERSITY,
WILL PROVIDE STUDENTS WITH AN
OUTSTANDING AND DISTINCTIVE EDUCATION,
AND CONDUCT LEADING RESEARCH
TO SERVE THE PEOPLE OF BRITISH COLUMBIA,
CANADA, AND THE WORLD.*

We encourage everyone to consult the full text of UBC's vision document, *Trek 2000 - A Vision for the 21st Century*, for a more detailed discussion of the points noted above. The document is available in hard copy at various distribution points around the UBC campus, including the Student Union Building; Gage, Vanier, and Totem Park residences; the UBC Bookstore; the Koerner Library; and the University hospitals. It is also available on the web at www.vision.ubc.ca. Should you experience any difficulty in obtaining copies, please contact the President's Office at 6328 Memorial Road, Vancouver B.C., V6T 1Z2; fax: (604) 822-5055; email: vision@exchange.ubc.ca.