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# UBC REPORTS

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Martin Dee photo

## Fully Booked

A great wall of boxes surrounds UBC Bookstore employees (l-r) Andrew Kenny, Kerry Boulton and Brian Ball as they prepare to distribute textbooks that have been reserved in the FastStart program. Begun in 1997 by Ball, the Bookstore's senior textbook buyer, the reservation service is used by more than 3,000 students. Boxes of textbooks are available for pick-up at the Bookstore or can be delivered to the home. Reservations can be made using the Internet or a form that can be dropped off or faxed to the Bookstore. For more information, check the Web site at [www.bookstore.ubc.ca](http://www.bookstore.ubc.ca).

## Small is beautiful for students in residence

by Dorianne Sager

Student intern  
Sing Tao School of Journalism

"Room for rent — 204 square feet. Comes complete with desk, bed, roommate and 1,148 neighbours. Shared bathroom with 30 other people. No pets, hanging pictures or painting walls. Potted plants welcome. Meals included. Total cost, \$612 per month."

Even IKEA would have a hard time making this living space feel like home.

So why is it that each year UBC's residence complexes enjoy full capacity? There must be something drawing the students other than the opportunity to eat cafeteria food three times a day.

Janice Robinson, assistant director, Residence Life, believes that living in residence is one of the most effective ways to deal with the loneliness and adjustment period many first-year students undergo.

"Big research-focused universities, including UBC, just don't feel like warm and welcoming places for many new students. It's pretty easy to feel like a number rather than a known, accepted and valued member of the community," she says.

"The secret to feeling like you belong at a big place (like UBC) is to find a smaller place, a smaller group of people, a smaller community within this larger community — and begin to meet others, one at a time," she says.

Scott Zuyderduyn, a resident of Place Vanier, spent his first year of university at Malaspina University College before making the move to UBC. He sees residence life as a chance to become directly involved with the campus through volun-

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**More Back to Campus,  
See Page 3**

## Classroom upgrades ahead of schedule

by Andy Poon

Staff writer

UBC is on track to surpass its *Trek 2000* targets to upgrade classrooms and labs throughout the campus.

Since 1996, 20 per cent of all classrooms have been upgraded. That's ahead of the goal set forth in the university's vision statement, *Trek 2000*, to have 15 per cent of UBC classrooms renovated by this fall. Progress has also been made on improving lab facilities with seven per cent of all teaching labs upgraded so far.

"This is a good news story since we're ahead of the plan," says Suzanne Poohkay, manager of capital programs for Campus Planning and Development.

Working from the classroom master plan developed by Cambridge, Mass.-based architectural consultants, Ellenzweig Associates Inc., Poohkay says the challenge has been to prioritize the 410 classrooms and 374 teaching labs across campus for the renovations.

"It's a huge list," she says. "The consultants examined all the rooms and divided them into groups — those easy to improve and other, key classrooms that are more difficult to work on."

"Easy" classrooms are those defined as seating between 20 to 80 people. These tend to be highly utilized rooms that with some painting, new window coverings, new seating and the like would be improved to a more acceptable condition. Of the 286 classrooms across campus identified as such, 50 are slated as priorities in the next phase of upgrading.

"Key" classrooms are those defined as larger, seating 100 to 200 students and are heavily used, often serving as the backbone facility for a number of faculties.

While they are fundamentally sound, these classrooms are often poorly furnished and equipped. They may require mechanical or electrical renovations to raise them to an acceptable level for teaching use. Of the 124 classrooms with more than 100 seats, 15 of these rooms will be targeted in the current round of renovations.

Poohkay says they are working closely with the President's Advisory Committee on Learning Space to develop a multi-year plan to implement the work on the classrooms and labs.

See **CLASSROOMS** Page 2

## Campus campaign gets set to soar

UBC is gearing up for another strong United Way Campaign across campus this year after raising almost \$300,000 in 1998.

The university's annual campaign to raise funds and create awareness for the United Way of the Lower Mainland will run from Oct. 18-29 this year.

UBC United Way Campaign Chair Eilis Courtney has already been busy working with staff, faculty and student volunteers to organize a slew of activities throughout campus for the two-week campaign in an effort to topple the \$293,390 mark set last year.

An umbrella organization with 104 member agencies and 32 affiliates

spread throughout the Lower Mainland, the United Way supports health care and rehabilitation services, crisis and emergency services, care for seniors, community services, and provides assistance to families and individuals.

UBC faculty and staff members usually donate through payroll deduction while students give cash contributions or through events on campus.

To check out what's happening with this

year's campaign, visit the Web site at [www.unitedway.ubc.ca](http://www.unitedway.ubc.ca). Faculty, staff and students who wish to volunteer to help with the campaign can do so by calling (604) 822-8929 or going to the Web site.



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Prof. Daniel Pauly gets set to study overfishing in the Atlantic

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Meet UBC's Board of Governors

## Classrooms

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The upgrades affect classrooms and labs in the faculties of Agricultural Sciences, Arts, Applied Science, Commerce and Business Administration, Pharmaceutical Sciences and Science.

Since 1996, \$9.6 million has been spent on the classroom and lab renovations. It is estimated that the upgrades to all classrooms will cost \$50 million to complete with the pace of renovations contingent on the amount of funding available.

## Residence

Continued from Page 1

teen organizations, intramural sports and other activities.

Being surrounded 24 hours a day by people who have similar hopes and dreams is an amazing support system, he says.

"I've endured the bare university experience of just taking the courses, and believe me, living on the campus in residence enhances the university experience so much more."

Of course, conflicts can arise from such close living quarters. Homesickness, roommate clashes, lack of privacy and finding the discipline to study in between social events are all problems first-year students will encounter.

Resident advisers are an important support system. Their objective is to help create a safe and secure living and learning environment.

In addition to organizing fun programs such as quiz nights, ski weekends and mocktail nights, all advisers are trained to deal with issues such as grief and depression, racism or sexism, conflict mediation and eating disorders.

Training workshops can range from how to help students deal with being gay on campus to love and relationships in general.

Barb Tucker, an English Literature graduate now studying for her degree in Education, has lived on campus for the duration of her studies and has been a resident adviser for the last three years.

She is familiar with the problems students might face during their first year away from home and as an adviser she is there to help students adjust to their new life.

Her advice, "Get involved. That's where you'll find your friends. I remember watching movies where people talked about their old college buddies. Some of my best friends now are the ones I made in my first year of university. It's kind of cheesy, but true."

In a recent speech to the Association of College and University Housing Officers, UBC President Martha Piper related her story of a 35-year-old friendship begun in her first year of residence in 1963.

"While we have never lived in the same city or state or province, we have remained in close contact over the years — Christmas letters and family photos, postcards from exotic holiday spots, telephone calls in the middle of the night, and e-mail messages with tips on everything from recipes to book reviews... A shared dormitory room has led to a shared life. Not bad for a two-star bed and breakfast, with the bathroom down the hall."

# Society welcomes four UBC fellows

Four UBC faculty members recently elected to the Royal Society of Canada include an electrical engineer specializing in electronic signal processing, a neuropsychologist who studies the human-canine bond, and two ocean science researchers.

Rabab Ward, a professor of Electrical and Computer Engineering, Psychology Prof. Stanley Coren and Earth and Ocean Sciences adjunct professors Kenneth Denman and Chi Shing Wong will be inducted to the society with 58 other new fellows at a ceremony to take place in Ottawa Nov. 19.

Ward is a leader in the application of digital signal processing. She has developed methods to clarify electronic information received, leading to advances in television reception, and improvement in early detection of breast cancer using X-ray mammographic images.

Coren is best known to the public for his series of best-sell-

ing books on dogs, including *The Intelligence of Dogs*.

His research focuses on perception, particularly hearing and vision, behavioural medicine, behavioural genetics, and general cognitive processes.

Earth and Ocean Sciences adjunct professor and alumnus Kenneth Denman studies the linkages between physical and biological processes in the upper ocean. He was one of the first oceanographers to recognize the importance of the wind-mixed layer of ocean to plankton productivity.

Earth and Ocean Sciences Adjunct Prof. Chi Shing Wong has been a pioneer in international research on the carbon dioxide cycle between the ocean and the atmosphere.

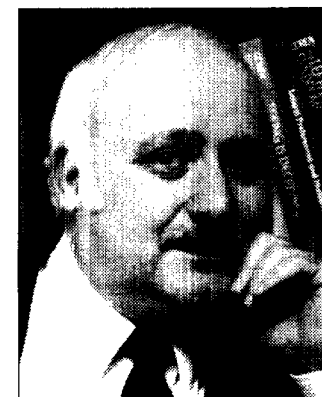
Fellowship in the Royal Soci-

ety of Canada is considered Canada's senior academic accolade.

UBC now has 143 Royal Society fellows, second only to the University of Toronto.



Ward



Coren

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**UBC ALUMNI** The University of British Columbia  
**Alumni Association**  
**Annual General Meeting**  
Wednesday, September 8, 1999  
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Call 822-3313 for more information

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The following new independent study courses are being offered for the first time in **September, 1999 (Winter 99, Term 1)**.

- **EPSE 317, Section 63A, Catalogue #55046 (3 credits)**  
**Development and Exceptionality in the Regular Classroom**  
The teacher's role in dealing with major developmental and special educational issues and problems within the regular classroom program, including working with supportive services, parents, and communities.  
**Note:** Students **must** have access to the Internet as well as an e-mail account in order to complete the requirements for this course.
- **LANE 472, Section 63A, Catalogue #19410 (3 credits)**  
**Reading in the Content Areas**  
Reading instruction; implications for teaching intermediate and secondary school subjects. **Note:** Students **must** have access to the Internet as well as an e-mail account in order to complete the requirements for this course.
- **LIBE 387, Section 63A, Catalogue #88333 (3 credits)**  
**Information Services I**  
Basic principles of the reference process and types of resources used in school library resource centres. **Note: This is an online course.** Students **must** have access to the Internet as well as an e-mail account in order to complete the requirements for this course.

**TELEREG directly, or for further information, contact The Office of Continuing Professional Education.**

## Draft Academic Plan Available for Comments

The Draft Academic Plan is now available on the Academic Plan Advisory Committee website:

[www.oldadm.ubc.ca/apac/](http://www.oldadm.ubc.ca/apac/)

All members of the University and wider community are invited to review the Draft and provide us with their comments on it. Comments can be faxed to: **822-8118**; or sent by e-mail to:

[jeanne@oldadm.ubc.ca](mailto:jeanne@oldadm.ubc.ca)

President Martha Piper and the Academic Plan Advisory Committee will also be hosting a community-wide Town Hall Meeting in the Chan Centre on Tuesday, Sept. 21. More information will be provided in the next issue of *UBC Reports* about that meeting. Printed copies of the Draft Academic Plan will be distributed widely across UBC's campuses before the Town Hall Meeting.

The Academic Plan Advisory Committee looks forward to receiving comments on the Draft Academic Plan throughout the month of September. The Draft Academic Plan will be revised in light of the comments received before it is brought to the Oct. 20 Senate for a decision.

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**UBC REPORTS**

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Bruce Mason photo

## Rock Solid Support

Three students are in the front line of Imagine UBC, now in its third year. On Sept. 7, classes will be cancelled for the university's 4,400 first-year students. The community-building, student-based volunteer orientation and welcome now involves hundreds of students, staff and faculty. Overseeing the events and activities are (l-r) student co-ordinator Tlell Elviss, third-year Biology, student co-chair/event manager Heather Kerr, third-year Rehabilitation Sciences, and student co-ordinator Amit Taneja, fourth-year Psychology.

## Offbeat

by staff writers

The School of Music quickly emptied as the cry went up on a quiet day this summer. "The Tuning Fork is back!" An audience assembled on Memorial Plaza, their attention riveted to a crane that was lifting a familiar figure, centre stage, left.

It was a memorable performance, a long overdue encore and everyone agreed that the seven-metre steel sculpture by Gerhard Class once again filled a big empty space and musicians would no longer lose their place on campus.

Time was transcended for Laurie Townsend, the School of Music's Concerts and Communications manager, who was taken back two decades to when she auditioned to study at the school.

"I wandered among the buildings and trees, violin case in hand and got lost," she recalls. "Look for a giant tuning fork! I was advised and realized it was an important part of being in Music at UBC."

Recently Townsend returned to work on campus. The trees had matured, she noted as she approached the school.

"Suddenly I was stunned because it was gone and the place wasn't the same. I was told it was removed because it had become rusty and dangerous."

Indeed, four years ago the Tuning Fork was tilting. The base was deteriorating and it was carted off to languish in a warehouse, an ignoble end to almost 30 years of music prominence.

In 1968 a jury had commissioned the well-known Class to create the work and Alfred Blundell donated \$5,000 to pay for it.

"Gerhard and I often went out to look at his works — including the fountain in front of the Queen Elizabeth Theatre — and he was very disappointed when the Tuning Fork disappeared," says a neighbour, Ken James. James was asked by Class to help put it back before the artist died several years ago.

James found sympathetic ears at UBC and enlisted the help of a former student of Class, Paul Slipper, who fashioned a new base, which lifts the stature of the sculpture by a further 20 centimetres.

"It was the right thing to do," says Geoff Atkins, associate vice president, Land and Building Services. "UBC hadn't made sufficient provisions to properly maintain works such as this and we are correcting that oversight by making a complete inventory on campus."

The artist's widow and two sons are flying from Germany for a re-dedication ceremony at noon on Sept. 7. Friends, artists and fabricators will be attending from across Western Canada. It won't be the first or last time people have gathered to listen to music and share food around the Tuning Fork.

It's all music to Townsend, who says she has overheard people once again giving precise directions.

"It will always be there, a place to congregate, a constant reminder for us to play in tune, an icon and the only clue that you were near the Music building, which is soundproof."

"Gerhard would be thrilled," says James.

# Back to the campus

## Volunteers help propel Imagine into third year

by Bruce Mason

Staff writer

The first day of university is a huge step into the unknown and UBC is once again pointing new students in the right direction by cancelling first-year classes.

Instead, on Sept. 7, 4,400 new undergraduates will meet their MUG, attend a pep rally, workshops and faculty information sessions and stay late for a tropical party.

Imagine UBC — the student-based volunteer orientation and welcome — is in its third year. The day-long kick-off of the academic year helps students get connected at UBC. It has clearly struck a responsive chord across campus, which shows signs of reverberating long after first impressions have faded into memory.

"The theme this year is 'Dream in Color' and the number of people involved at UBC is literally a dream for campuses right across the country," says Janet Cox, first-year co-ordinator — a full-time position in the Office of Vice-President, Students.

Cox says 550 current students have made a year-long commitment by volunteering as leaders. More than 300 people have been involved in planning and dozens of faculty and staff members are playing an active role. Ninety-five percent of first-year students participated in Imagine UBC last year.

A key to the amazing success is the My Undergraduate Group (MUG) program.

Groups of about 20 new students within the same faculty and two senior student leaders have been formed and will continue to exist well into year 2000 through study groups, meetings for coffee, sushi, intramurals and other events.

"Perhaps the most impressive and enviable number is the 223 MUGs now formed at UBC — that's a ten-fold increase from the pilot project last year," says Cox.

New this year is Imagine Lite, a program designed in response to requests from students who are transferring to UBC after first year. About 1,500 transfer

students have been invited to the special program.

A board of dedicated students works to set the Imagine UBC and MUGs stage by brainstorming and building events and activities that promote student involvement and first-year success at the university.

A steering committee comprising students, staff, faculty and ad hoc appointees provides advice and support to the Imagine team. It consists of Cox, faculty co-chair, Ric Spratley, acting associate vice-president, Research, student co-chair/event manager, Heather Kerr and two student co-ordinators, Amit Taneja and Tlell Elviss.

"Although our motto is 'Dream in Color,' don't worry, the T-shirt will still say 'UBC Kicks Ass!'" Kerr, Taneja and Elviss say.

The Web site, [www.student-services.ubc.ca/imagine\\_ubc/](http://www.student-services.ubc.ca/imagine_ubc/) is easily accessed through the university's home page at [www.ubc.ca](http://www.ubc.ca).

### Imagine UBC at a glance

**9 a.m.:** Students gather along Main Mall for first MUG meeting.

**10:30 a.m.:** Pep Rally. War Memorial Gym features faculty cheer competition and welcome speeches from Barry McBride, vice-president, Academic and Provost, Ryan Marshall, president, AMS Society, Brian Sullivan, vice-president, Students, and Linda Thorstad, president, UBC Alumni Association.

**11:30 a.m.:** Students attend Meet Your Dean or Director sessions, or attend workshops designed to demystify professors for students, foster communication between faculty and students and answer first-year questions.

**12:30 p.m.:** Lunch for students in each of the university's faculties.

**2:30 p.m.:** Workshops and meeting sessions continue.

**3:30 p.m.:** The Main Event, Main Library Plaza — buskers, food, displays, and prizes.

## \$200 tuition but what else has changed in 50 years?

by Dorianne Sager

Student intern

Sing Tao School of Journalism

Sniffing paper fresh off the Gestetner copier is a delight most students now will never experience, so is \$200 tuition fees, but was university life really so different in the decades gone by?

As part of the first class to graduate after the Second World War started, Jack Stevenson remembers the biggest worry was not whether you would find a job once you left school, it was whether you would go to war.

In 1940, fraternities and sororities were the big thing on campus — which was slightly less crowded with a student population of little more than 2,500 people.

With no campus pub, the old Hotel Vancouver, which stood where Eaton's is now, was the popular hangout for university students. Tuition fees rested in the low hundreds.

A graduate of Engineering in the tumultuous '60s, John Ritchie's most vivid memory is not of the upheaval caused by the Vietnam War, but the

punch cards that held all his computer programs.

"It was a real disaster when you were running down the hall and tripped, dumping your punch cards on the floor and losing the whole sequence of your program," he says.

During this time the campus was in the process of expanding with a student population of more than 20,000. Buildings such as Totem Park and the Student Union Building began to spring up.

But Peter Ladner, who earned his BA in 1970, says although there have been a lot of changes in the decades after graduation there are many similarities between his generation and the students today who take up extreme idealistic causes — something he spent much of his time doing.

Ladner also recalls the emotional tumult of his first few days at UBC.

"When I first arrived at university it was quite difficult," he says. "I was a little cog in a huge machine. All this gray concrete, shuffling from class to class, wondering what I was doing here."

Well, as they say, the more things change, the more they stay the same.





THE UNIVERSITY OF BRITISH COLUMBIA

**ENVIRONMENTAL PROGRAMS:  
ANNUAL SUMMARY REPORT 1998**

The full Environmental Programs Annual Report 1998, which contains information on the UBC environmental management system, environmental awards at UBC, training and awareness activities, regulatory compliance issues and much more, is available to download and view at

<http://www.safety.ubc.ca/environmental/report98/report98toc.htm>  
or copies can be obtained from Health, Safety & Environment, 822-2029.

**Commitment to the Environment**

The University of British Columbia (UBC) remains committed to being a responsible steward of the environment. Throughout 1998, Environmental Programs continued to establish UBC as a proactive leader in environmental management practices. For example, UBC remains the only college or university in British Columbia and one of only three academic institutions in Canada that has a formal environmental auditing program.

Environmental Programs remains committed to its goal of developing an environmental management system (EMS) for UBC, consistent with ISO 14001, that will ensure compliance, demonstrate due diligence and establish a process of continuous improvement resulting in environmental stewardship.

The Environmental Programs annual report outlines activities conducted in 1998. Included are progress reports and activities in relation to internally set targets and performance measures, many of which have been reviewed by external consultants, to ensure that we are meeting our goal.

While Environmental Programs develops and initiates environmentally responsible practices and procedures, it is the hard work and innovation of active participants, such as Ms. Joanne Hirshfield of the Malcolm Knapp Research Forest and Mr. Nick Stoyanov of Chemistry, and all of the dedicated members of the University community that contribute to the success of our environmental efforts.

Together we do make a difference!

**Key Outcomes of 1998**

A number of objectives were set for Environmental Programs in 1998. An overview of the year's major accomplishments and their outcomes are highlighted below.

**Reducing Environmental Impacts**

The reduction of environmental impacts is achieved as a result of many activities. For example, the Chemical Conservation Programs, operated by the Environmental Services Facility, diverted 11000 kg of hazardous waste from disposal in 1998. By investigating alternative disposal methods another 3000 kg per year of waste was removed from the material requiring incineration.

Removal and special disposal of oily wastes left in obsolete storage tanks is another example of an activity undertaken in 1998 which reduced the environmental impact of the University's activities and operations.

**Ensuring Compliance**

The University ensures compliance with environmental regulations, University procedures and best management practices through a number of activities not least of which is through the environmental compliance audit program.

The UBC environmental compliance audit program was significantly expanded in 1997 resulting in a target to complete 58 audits during 1998. This total was surpassed by almost 30% as 75 audits were completed. In completing these audits, 750 recommendations were made. Statistics (from follow-up audits) show that 6 months after an audit 70% of the recommendations have been implemented.

**Reducing Liability**

Through several proactive strategies, the future environmental liability of the University was reduced. For example, in March 1998, an obsolete underground

storage tank at the Rugby Pavilion was removed. The potential cost associated with future leaks and contamination from this storage tank were estimated to be \$300,000, within a 10-year timeline. This cost alone far exceeds the cost of the tank removal plus the cost of the entire storage tank program for 1998.

**Increasing Awareness**

Increased awareness on campus regarding environmental and emergency preparedness issues took several forms including: newsletters, interviews during audits, formal seminars, training programs and departmental emergency planning sessions. An area where significant awareness was raised in 1998 was in emergency and disaster management. During the year, 29 training sessions were conducted on various aspects of emergency and disaster preparedness. A total of 1,370 members of the university community attended these sessions in 1998.

**Forging Partnerships**

While Environmental Programs is responsible for developing and implementing a number of programs, it is the participation in these initiatives by individuals and groups that result in their success. In addition to the many individuals across campus who committed their time and energy, several key partnerships were developed in 1998.

The sponsorship of interns under the Ministry of Environment's Environmental Youth Team Program has proved to be a tremendous success, both from the perspective of the interns and the University. The Ministry funds these positions while Environmental Programs provide training, resources and guidance. The interns receive valuable experience, which in 1998 resulted in 3 interns obtaining full-time positions in the environmental industry. The University has benefited through the completion of a number of environmental audits of low risk areas, the development of a consolidated hazardous procedures manual and the partial completion of an historical audit.

The storage tank management program is a joint effort by Plant Operations, Campus Planning and Development and Environmental Programs, designed to responsibly manage storage tanks on campus. In addition, an environmental officer was dedicated by Plant Operations to audit activities and implement recommended action plans in their area. This position reported jointly to Plant Operations and Environmental Programs.

**Enhancing Customer Service**

It is a goal of Environmental Programs to provide exceptional customer service. To measure and track the service provided, a number of evaluations were conducted in 1998. These evaluations included: an Environmental Services Facility customer survey, a survey of the "Waste Watchers" quarterly newsletter, course evaluations and evaluations of the audit process.

Summaries of the feedback from these evaluations are reported throughout the report. Feedback from each evaluation is reviewed and acted upon. The baseline information collected in 1998 will serve to evaluate the effectiveness of measures undertaken to improve services when future evaluations are conducted.

**Accredited Performance**

Environmental Programs sets internal performance targets and measures, which are monitored closely to ensure the success of each program. These targets and performance measures are reported to the University Board of Governors. Two reports were presented in 1998.

To further verify the adequacy of the program and to provide opportunities for improvement, external consultants were contracted to review key programs. In 1998 the storage tank management program and the environmental compliance audit program were reviewed. Both programs were shown to be successful in achieving their respective goals.

For more details contact the Manager, Environmental Programs, 822-9527.

**News Digest**

A new UBC Web site for job-seekers, created by UBC's Career Services and the student-funded JobLink, has hundreds of students and alumni logging in to the site daily.

"Since May 1, we have posted almost 1,000 jobs on-line, many of which are degree-related," says Julie Stitt, director, Career Services.

"We have also offered at least the same number of part-time, casual and short-term jobs with students who are advised to contact us directly from the site," adds Gordon Fitt, director of JobLink.

There is a \$25 fee per posting for businesses recruiting full-time employees. For non-profit organizations and people offering short-term work, posting on [www.careers.ubc.ca](http://www.careers.ubc.ca) is free of charge. For more information, contact Julie Stitt at (604) 822-6473.



Several campus locations have been renamed to recognize respected members of the UBC community.

The Advanced Materials and Process Engineering Laboratory (AMPEL) building has been designated the Brimacombe Building in

recognition of the contributions of Applied Science Prof. Keith Brimacombe who died in 1997.

Leonard S. Klinck, UBC's second and longest-serving president, (1919-1943) is recognized in the renaming of the old Computer Sciences building on Agricultural Road.

The grove of trees surrounding the lobby area of the Chan Centre has been named the Dorothy Somerset Grove. Somerset founded the Theatre Dept. at UBC.



UBC student researchers dominated the awards recently granted from the B.C. Health Research Foundation (BCHRF), earning 21 of the 28 grants given.

Students in disciplines ranging from Geography to Human Kinetics received awards totalling more than \$350,000 to study topics such as pain behaviour, pesticide exposure and cardiac rehabilitation programs.

BCHRF is the largest provincial source of health research funding in B.C.

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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 journal voucher. Advertising enquiries: UBC-INFO (822-4636).

The deadline for the Sept. 16 issue of UBC Reports is noon, Sept. 7.

<p><b>Accommodation</b></p> <p><b>POINT GREY GUEST HOUSE</b> 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 222-4104.</p> <p><b>TINA'S GUEST HOUSE</b> Elegant accommodation in Point Grey area. Min. to UBC. On main bus routes. Close to shops and restaurants. Includes TV, tea and coffee making, private phone/fridge. Weekly rates available. Call 222-3461. Fax: 222-9279.</p> <p><b>GREEN COLLEGE GUEST HOUSE</b> Five suites available for academic visitors to UBC only. Guests dine with residents and enjoy college life. Daily rate \$54 plus \$14/day for meals Sun-Thurs. Call 822-8660 for more information and availability.</p> <p><b>BAMBURY LANE</b> Bed and breakfast. View of beautiful B.C. mountains, Burrard Inlet and city. Clean, comfortable. 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Call 341-4975.</p> <p><b>CAMILLA HOUSE</b> Bed and Breakfast. Best accommodation on main bus routes. Includes television, private phone and bathroom. Weekly reduced rates. Call 737-2687. Fax 737-2586.</p> <p><b>ST. JOHN'S COLLEGE GUEST ROOMS</b> Private rooms, located on campus, available for visitors attending UBC on academic business. Private bathroom, double beds, telephone, television, fridge, and meals five days per week. Competitive rates. Call for information and availability 822-8788.</p> <p><b>ALMA BEACH B &amp; B</b> Beautiful, immaculate, bright rooms with ensuite in elegant, spacious home. Two blocks to Jericho Beach/Vancouver Yacht Club. Gourmet breakfast. Central location to downtown/UBC. N/S. Call 221-1950.</p>	<p><b>Accommodation</b></p> <p><b>THOMAS GUEST HOUSE</b> 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.</p> <p><b>TRIUMF HOUSE</b> 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: <a href="mailto:housing@triumf.ca">housing@triumf.ca</a> or call 222-1062.</p> <p><b>2 BR UNFURNISHED</b> 4037 Oak. On #25 UBC bus route. \$925/mo. Children ok. N/P. Inc. heat, hot water, laundry room. Call 738-4898.</p> <p><b>BRIGHT FULLY FURNISHED</b> and equipped 1 BR bsmt suite with private entrance and patio. Well located in Kitsilano, across from park. Avail. Sept. \$950/mo. Incl. utilities, cable. N/S. N/P. Ideal for visiting professor. Call 734-0454.</p> <p><b>VISITING PROFESSORS/GRAD STUDENTS.</b> Fabulous furnished accommodation close to UBC, buses, shops, and beach. 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No smokers or pets pls. Call 261-7153.</p> <p><b>SPACIOUS, FURNISHED, 1 BR</b> suite. Quiet, large, cosy, knotty cedar living room. Private entrance. South Granville location near direct bus to UBC or parking available. \$800/mo. incl. utilities, cable and shared laundry. No smokers or pets please. Avail. immed. Call 261-7153.</p> <p><b>TO LET CLOSE TO UBC,</b> 1 BR apartment, bright, attractive with patio, fully furnished and equipped. Avail. from Sept. to year's end (dates can be discussed). \$850/mo. Please call 228-8825 or leave message at 224-3795.</p>	<p><b>Accommodation</b></p> <p><b>SEEKING ROOMMATE TO SHARE</b> terrific 2 BR garden apartment. Located in upper central Lonsdale, North Van. Recreation centre, shops, banks, restaurants and transportation links close. N/S, classical and jazz household. Avail. immed. Call Rod 961-2181.</p> <p><b>LOOKING FOR A NICE PLACE TO LIVE?</b> Furnished private floor of beautiful heritage house near UBC. Wonderful space, view, garden, furniture. Private, quiet, avail. Sept. 1. Call 737-2677.</p>
<p><b>Employment</b></p> <p><b>RESEARCH ASSOCIATE</b> required for studies into the molecular mechanisms that regulate the function of the cell adhesion molecule, CD44. The successful applicant should have a Ph.D. in Immunology or related field and several years of relevant post-doctoral experience with cell adhesion molecules and be familiar with molecular, biochemical and cellular techniques. The applicant should have demonstrated research potential. The position is for one year. Send applications and names of three referees to Dr. P. Johnson, Dept of Microbiology &amp; Immunology, #300-6174 University Boulevard, Vancouver, BC, V6T 1Z3 by Oct. 15th. UBC hires on the basis of merit and is committed to employment equity. In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada.</p>		
<p><b>Services</b></p> <p><b>TRAVEL-TEACH ENGLISH</b> 5 day/40-hour TESOL teacher certification course (or by correspondence Sept. 22-26, Nov. 24-28). 1,000s of jobs available NOW. FREE information package, toll free (888) 270-2941 or (403) 438-5704.</p> <p><b>RETIRING</b> in the next three years? As a specialist who has assisted many UBC faculty and staff members through the retirement process I can help sort out the options and provide you with free retirement projections. Call for a complimentary meeting at my office or yours! Don Proteau, B.Comm. CFP, RFP. E-mail: <a href="mailto:dproteau@hlp.fpc.ca">dproteau@hlp.fpc.ca</a> or call 687-7526.</p> <p><b>RED RUBY FAMILY DAYCARE</b> located on UBC campus (Acadia Park) has an opening for your beloved child. Lower prices than UBC child care and high quality services guaranteed. Child-care subsidies ok. Call Ruby 222-1673.</p> <p><b>SPIRITUAL DIRECTION AVAILABLE.</b> Campus chaplain has a few openings for individuals interested in meeting once a month to explore issues of spirituality, decision-making, relationship to God or the promptings of your inner world. For information call Elaine 822-1207.</p>		

# Expert to reel in facts on fishing's ecological effects

by Andy Poon

Staff writer

Fisheries Centre Prof. Daniel Pauly has received a \$3-million grant to study the impact of excessive fishing on the marine ecosystems of the North Atlantic.

"Fisheries is a major factor that impacts on marine ecosystems even more strongly than pollution or climate changes," says Pauly.

Pauly — in partnership with Philadelphia-based Pew Charitable Trusts which provided the funding — will lead a team of researchers in analysing the ecological and economic effects of industrial fishing on the marine ecosystems on both the eastern and western sides of the North Atlantic.

"With this project, our goal is to affect policy in Europe and North America to stop overfishing," says Pauly. "We will amass compelling evidence out of existing fisheries data to show the impact of non-sustainable fisheries."

The project builds on an exhaustive study released last year in which Pauly and fellow researchers used nearly 50 years of United Nations fisheries data to show how fish stocks are being wiped out on a global scale by overfishing.

The researchers showed how in one ocean after another, fishers first caught big, valuable stock and then worked their way

down the food web to the smaller species. Instead of catching predators high in the food web, like snapper, tuna and halibut, global fisheries have increasingly moved towards plankton-eating species lower in the food web.

Dubbed "fishing down the food web," it drew attention to the destruction of the world's fisheries by industrial fishing. The release of the study gained intense media coverage in publications such as *The New York Times*, *Newsday* and *The Economist*.

As part of the 24-month pilot project, the researchers will also develop and test a method for reconstructing past catches (including misreported catches) and past ecosystems to serve as a baseline for assessing the health of present ecosystems.

Pauly says the Fisheries Centre's lead in developing a simulation model — Ecosim — for predicting the results of human



Pauly

and climatic impact on marine ecosystems helped the researchers secure the grant.

"We can construct a computer simulation of a marine ecosystem as it was in the 1930s and then fish it and see if it mimics what actually happened," says Pauly. "If you can parallel in your model what happens in nature, then you can pose 'what if' questions."

## Zoologist receives Order of Canada

A Zoology professor, a former UBC chancellor, an opera star alumnus and the choral director of UBC's largest choir have been named to the Order of Canada.

Zoology Prof. Peter Hochachka has been named an officer of the Order of Canada. Robert Lee, Ben Heppner and Diane Loomer are now Order of Canada members.

An internationally recognized researcher in environmental physiology, Hochachka studies the way animals survive extreme environmental conditions and high altitudes. His studies have captured international attention because of the parallels for humans who suffer from diseases caused by oxygen deprivation.

Hochachka received the Canada Gold Medal for Science and Engineering in 1995 from the Natural Sciences and Engineering Research Council.

Former UBC chancellor, board member and alumnus Robert Lee is known as an entrepreneur with a conscience.

A successful real estate investor, Lee was chair of UBC Real Estate Corporation and a founding director of the UBC Foundation. He was a key player in the World of Opportunity Campaign that raised \$260 million for the university.

UBC School of Music alumnus Ben Heppner is internationally acclaimed as one of the world's leading tenors.

He is renowned for his interpretation of Wagner and Strauss and the difficult vocal challenges of the heroic operas. His recitals and recordings have received outstanding reviews.

Diane Loomer has directed UBC's Choral Union, the School of Music's largest choir, since 1993.

She has developed world-class competitors in the field of choral music and helped earn international awards for the Elektra Women's Choir and Chor Leoni Men's Choir, both of which she helped to establish.

The Order of Canada was established in 1967 to recognize outstanding achievement and service by Canadians in various fields of human endeavour.

## People

by staff writers



Kahn

**S**haron Kahn has been re-appointed as associate vice-president, Equity, for a second five-year term.

A professor in the Dept. of Educational and Counselling Psychology, and Special Education, Kahn established the Equity Office in 1994. She joined the Faculty of Education in 1975.

UBC's Equity Office coordinates the university's employment and education equity program and UBC's policies on discrimination and harassment.

The office has won two certificates of merit and a Vision Award from the Government of Canada for achievements in employment equity.

.....

**C**hemistry Prof. **Brian James** is the winner of the 2000 Chemical Institute of Canada Medal awarded for outstanding contributions to the science of chemistry or chemical engineering.

James' research focuses on the use of cheap and abundant common gases such as hydrogen, hydrogen sulfide, oxygen and carbon monoxide.



James

.....

**U**BC Travel Program manager **Connie Fabro** has won the Ken Clements Award this year for outstanding contributions by a university administrator.

Given annually by the Canadian Association of University Business Officers the award recognizes Fabro for her eight years of voluntary work in developing the National Preferred Hotel Listing for the faculty and staff of universities across Canada.

.....

**P**rof. **Jim Kronstad** of the Biotechnology Laboratory and Asst. Prof. **Natalie Strynadka** of the Dept. of Biochemistry have received 1999 Burroughs Wellcome Fund awards.

Kronstad's award provides \$425,000 (US) over five years for research in the analysis of the fungal micro-organism that causes meningioencephalitis in patients with a compromised immune system.

Strynadka received a New Investigator in the Pharmacological Sciences award that provides \$210,000 (US) over a period of three years. She aims to design new antibiotics that overcome bacterial resistance to standard therapies.

The Burroughs Wellcome Fund is a private foundation that supports the medical sciences by funding research and other scientific and educational activities.

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# UBC leadership

## Board of Governors

UBC's 15-member Board of Governors comprises the chancellor, the president, eight persons appointed by the lieutenant-governor, two faculty members elected by faculty, two full-time students elected by students and one person elected by and from the full-time employees of the university who are not faculty members.

By legislation, the board is responsible for the management, administration and control of the property, revenue, business and affairs of the university including the appointment of senior officials and faculty on the recommendation of the president. The governors represent diverse backgrounds which provide valuable input during board deliberations.

There are currently two vacancies on the board.

*"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."*

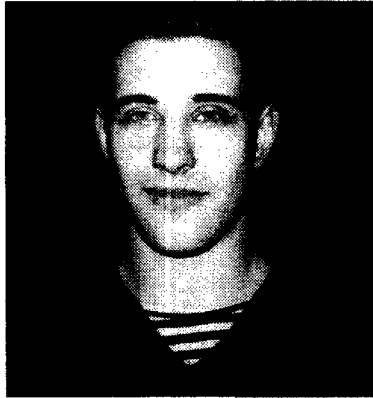
*— Trek 2000: A vision for the 21st century*

### 1999/2000 Board meetings

**Next meeting: Thursday, Sept. 16.** 8:00 a.m., Board and Senate Room, Old Administration Building.

Fifteen tickets to the Board's Open Session are available on a first-come, first-served basis on application to the secretary to the Board at least 24 hours before each open meeting. Call Nina Robinson at (604) 822-2127, fax (604) 822-1205, e-mail bog@unixg.ubc.ca

Other meetings are scheduled for: Nov. 18, Jan. 20, March 16, May 18, July 20, Sept. 21 and Nov. 16.



**Beese**

**MARK BEESE**, a fourth-year Forestry student, has served as chair of the UBC Student Senate Caucus. He is the UBC student liaison with the Canadian Institute of Forestry and the B.C. Professional Foresters Association. An active member of the Alma Mater Society (AMS), Beese has also been involved with the first-year student orientation program, Imagine UBC.



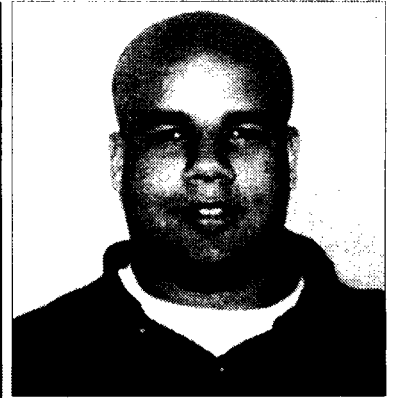
**Bell**

**LARRY BELL**, appointed to the board in 1997, is vice-chair of Shato Holdings Ltd., a food services company, and chair of its subsidiary White Spot Ltd. A graduate of UBC, Bell served the province as secretary to the B.C. Treasury Board and deputy minister of: Housing and Transit; Lands, Parks and Housing; and Finance.



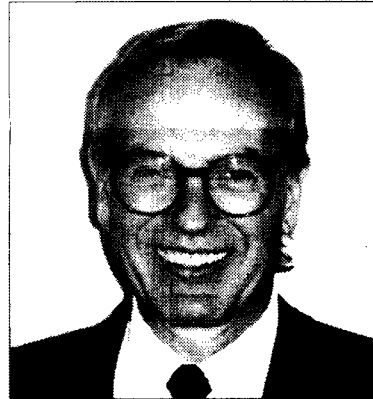
**Emerman**

**JOANNE EMERMAN**, a professor of Anatomy and associate dean, Research, in the Faculty of Medicine, was elected by faculty to the board in 1996. A previous scholar of the National Cancer Institute of Canada, she presently serves on the boards of several international associations for cancer research.



**Guscott**

**JESSE GUSCOTT**, a fourth-year Microbiology student, has served as a commissioner on the Alma Mater Society (AMS) Finance Commission and as the assistant to the president of the AMS. A volunteer with a number of community organizations, Guscott works in the summer as an assistant director at a residential hockey camp for children.



**Kalke**

**HAROLD KALKE** has been re-appointed as board chair to March 2000. President and owner of Kalico Developments Ltd., a real estate development and investment company, Kalke's projects are widely acclaimed as being critical elements in the re-establishment of neighbourhood and have won community and heritage awards.



**Marchak**

**M. PATRICIA MARCHAK**, a professor of Anthropology and Sociology, was elected by faculty to the board this year. Marchak, a former UBC dean of Arts, is also a faculty associate with the Institute for Resources and Environment at UBC. President of the Humanities and Social Sciences Academy of the Royal Society of Canada, Marchak is also a member of the B.C. Forest Appeals Commission.



**Mumick**

**GUNINDER C. MUMICK** was appointed to the board in 1997. She manages the Multicultural Health Education/Promotion program of the Vancouver/Richmond Health Board and has extensive experience in adult education and administration. Her expertise lies in working with diverse populations and international and intercultural communication.



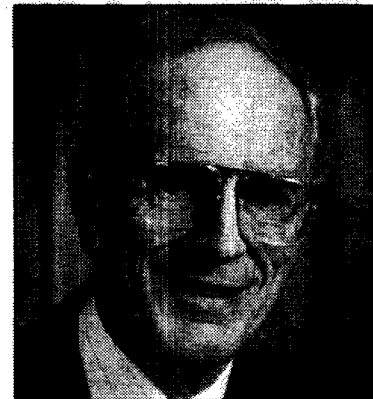
**Piper**

**MARTHA PIPER**, president and vice-chancellor of UBC, is a member of the Canada Foundation for Innovation, the Canada Millennium Scholarship Foundation and the interim governing council of the Canadian Institutes of Health Research. Piper is on the boards of the Prime Minister's Advisory Council on Science and Technology and the Association of Universities and Colleges of Canada.



**Pong**

**BEN PONG** was elected by staff to the board this year. A computer specialist at the UBC Bookstore, Pong is secretary-treasurer of CUPE Local 116. He is also a member of the Coalition of University Unionized Employees, which communicates various issues to the Ministry of Advanced Education, Training and Technology.



**Sauder**

**WILLIAM SAUDER**, chancellor of the university, is a UBC graduate and chair and CEO of International Forest Products and Sauder Industries Ltd. A member of the Board of Governors from 1981 to 1987, he served as its chair for the last two years of his term. Longtime UBC patrons, the Sauder family has supported several medical science initiatives at the university.



**Thorstad**

**LINDA THORSTAD** was appointed to the board in 1997. She is vice-president of corporate relations for Viceroy Resources Corp., a gold producer. Educated at UBC, Thorstad is president of the UBC Alumni Association. In 1996, Thorstad was named a YWCA Woman of Distinction for Management and the Professions.



**Wai**

**JOE WAI**, a UBC alumnus and architect, is principal of Joe Y. Wai Architect, Inc. Designer of the Dr. Sun Yat-Sen Classical Chinese Garden in Vancouver, Wai is interested in social and seniors' housing as well as community and cultural projects. He was a founding member and vice-chair of the Chinese Cultural Centre.



**York**

**MARION YORK** was appointed to the board in 1994. York works with community resource personnel, providing information and workshops on childhood learning difficulties. A retired high school special education teacher, York is active in her community and has organized many cultural events.