



UVic awarded six new research chairs

by Valerie Shore

SIX OUTSTANDING SCHOLARS in the fields of engineering, oceanography, chemistry, mathematics and physical education are UVic's newest Canada Research Chairs.

The national awards come in two tiers. Tier-one recipients are considered the "stars of today" and are provided with \$200,000 annually for seven years, renewable indefinitely. Tier-two recipients are considered the "stars of tomorrow" and receive \$100,000 in research funding annually for five years, renewable once.

"The Canada Research Chairs program allows us to attract and retain some of the brightest researchers in the world, build leadership in priority research areas and give students the opportunity to work with researchers at the

forefront of their disciplines," says Dr. Martin Taylor, UVic's vice president research.

The new tier-one chairs are: Dr. Randy Giles (advanced network architecture and supporting technologies) and Dr. Eric Kunze (seagoing physical oceanography).

The new tier-two chairs are: Dr. Natia Frank (multifunctional materials design); Dr. Chris Papadopoulos, (nanotechnology); Dr. Anthony Quas (measurable dynamics and ergodic theory); and Dr. Joan Wharf Higgins (health and society).

Finding ways to improve communication networks is the focus of **Randy Giles**.

"Communications in the Internet era, whether between office co-workers or across oceans, is made possible by networks that

make the connections and manage the flow of information," says Giles. "At UVic I'll be designing and testing new optical and photonic networks for applications in civil, industrial, and governmental environments."

Giles is currently director of the advanced photonics research department at New Jersey-based Bell Laboratories, the R&D arm of Lucent Technologies, and leads research programs in new optical materials and the development of optical networking technologies. He was recently honoured by the Optical Society of America with the Joseph Fraunhofer Award and Robert Burley Prize for his pioneering contributions to optical fibre communication.

Giles will join UVic's depart-

SEE CANADA RESEARCH CHAIRS P.5



DIANA NETHERCOTT

Voices of the season

Members of the UVic Liedersingers begin a countdown to Christmas by warming up their voices and lighting advent candles in preparation for their Christmas concert, *Geh, ruf es von den Bergen!* (Go Tell it on the Mountain) on Dec. 12 at 7:30 p.m. in the Phillip T. Young Recital Hall. The choir, with members from UVic and the general community, will present a program of festive songs from around the world ranging from classical and contemporary to folk and gospel. Raising their voices are: (from left, front row) Emily Jacobsen, Ingrid Riedel and director Angelika Arend and in the rear, Matt Pollard, left, and Kevin Pugh.

DRINKING WATER RESEARCH GETS \$9-MILLION BOOST

by Valerie Shore

A UVic research program on the ecological processes that contribute to clean and healthy drinking water will continue for another five years, thanks to more than \$9 million in new funding and in-kind support from government, utility and industry sources.

The NSERC Industrial Research Chair in the Environmental Management of Drinking Water, established at UVic in 1999, conducts interdisciplinary research on a wide range of issues related to drinking water, watershed management, fisheries and land-use activities.

The chair program is headed by UVic ecologist Dr. Asit Mazumder

and involves more than 30 scientists, postdoctoral students, graduate students, technicians and undergraduates working on a wide variety of research projects.

Cash funding for the chair renewal totals more than \$4.9 million over the next five years. Of that, \$2.08 million comes from Science and Engineering Research Canada (NSERC). The rest comes from partners: the Capital Regional District (CRD) Water Services Department; the Greater Vancouver Regional District (GVRD) Water Department and BC Hydro; the Nanaimo Water Department; LGL Ltd. Environmental Research Associates; and UVic.

Another \$4.3 million of in-kind support—equipment,

infrastructure and staff time—will come from the partners and other collaborators, including federal and provincial agencies and the beef and cattle industry.

"This chair program has been highly successful in its first five years," says Dr. Martin Taylor, UVic's vice president research. "It has created new long-term relationships with government agencies, communities and resource industries and has established UVic as a major centre for drinking water-related research in Canada."

Over the last five years, Mazumder has established a state-of-the-art laboratory for detecting and analysing taste and odour

SEE DRINKING WATER P.7

UVic moves closer to an institutional marketing plan

UVic's strategic communications project passed some major milestones this fall on its way toward creating the university's first integrated marketing plan.

The project was launched this summer when UVic President David Turpin appointed a 17-member task force, led by Vice President External Relations Faye Wightman, to position the university to achieve the ambitious goals of the university's strategic plan in recruitment, profile and reputation, and securing financial support for teaching and research programs.

Educational Marketing Group (EMG), a marketing agency specializing in higher education, was selected from more than 70 firms to assist the process.

"In an increasingly competitive environment, we need to give prospective students, faculty, staff, donors and funders a consistent, compelling and sharply focused set of reasons why they should invest their time or support in UVic as opposed to the 50 other universities

in the country," says Wightman. "That requires a coherent set of key institutional messages that we can all deliver."

Work began in September with the collection of data on institutional characteristics, enrolment, retention and graduation rates, application patterns, and marketing and communications structures and expenditures for UVic and its competitors.

In late September EMG representatives conducted 35 small-group or one-on-one sessions about the university's goals and challenges with the executive council (president and vice presidents), the board of governors, deans, community leaders, faculty members, alumni and student service department representatives, communications and development staff from across campus, admissions staff, strategic communications task force members, and the executive directors of co-op, human resources and facilities management.

SEE STRATEGIC P.2



Celebrate the season at president's reception

UVic President Dr. David Turpin invites the university community to welcome the festive season at his holiday reception on Wednesday, Dec. 15 from 4 to 5:30 p.m. in the University Centre cafeteria.

Besides being an occasion to celebrate the upcoming holidays, the reception will also honour this year's recipients of the 2004 President's Distinguished Service Awards, which recognize the

contributions of UVic's 4,000 employees. The president will also acknowledge the retirement of university secretary Sheila Sheldon Collyer. The program begins at 4:15 p.m.

The awards committee received 18 nominations for the Award for Distinguished Service (honouring up to three employees, or groups of employees, for their outstanding contributions to

the university's learning and working environment) and four nominations for the Team Award for Innovation, which goes to a team or group for innovations that improve an educational, administrative or organizational process. Recipients will receive a plaque and \$1,000 for professional development (\$6,000 maximum limit in the case of team awards).

Campus ceremony remembers victims of violence

UVic will mark the National Day of Remembrance and Action on Violence Against Women with a public ceremony on the last day of classes on Dec. 3 at 11:30 a.m. in front of the MacLaurin Building. Classes have been cancelled between 11:30 a.m. and 12:30 p.m. to enable students and faculty to attend. Dr. Valerie Kuehne, UVic's associate vice president of academic planning will be the emcee. English professor Dr. Prama Tagore will speak to a broader understanding of violence. UVic engineering students will discuss the impact they continue to feel from the murder of female students at Montreal's Ecole Polytechnique 15 years ago. Other speakers will discuss the issue of violence against women as an issue for the entire community. UVic's Anti-Violence Project will install its "Clothesline Project," where students use t-shirts as a canvas to express their personal thoughts and memories of violence, near the ceremony.

Project Nova nears decision on technology supplier

It's decision time for Project Nova, UVic's multi-year undertaking to integrate new technology across campus. The university aims to announce by year's end whether SunGard SCT or PeopleSoft will be the main supplier of the new technology that will upgrade existing systems and eventually provide access to university "e-services" 24 hours a day. The final selection follows months of painstaking investigation by the Project Nova committee. A core team of reviewers representing key areas of the university criss-crossed Canada to learn how the competing software systems operate in six other universities. Last month, about 150 UVic faculty, staff and students had a first-hand look at the potential technology during week-long presentations by the two contenders at Dunsmuir Lodge. Once the decision is made, Project Nova will launch phase two, the gradual implementation of the new systems across campus. This transition is expected to take about three years.

Think of the Family Centre in this season of giving

Student families living on campus need your help during this holiday season. Donations of non-perishable food, toiletries and art supplies can be dropped off at the UVic Family Centre. Donations of Cinecenta tickets and UVic Bookstore gift certificates would also be appreciated. And you can help student families all year long by giving to the centre. Right now the centre is looking for an apartment-size freezer, a bookshelf, a large area rug, wooden folding chairs and small children's chairs, a children's cubby hole set, a baby gate, novels for young adults, multi-language literature (e.g. French, Mandarin, Arabic), adult resource books (e.g. parenting, relationships, health), children's toys and board games. The Family Centre is located at 39208-2375 Lam Circle (off Finnerty Rd.) in the David and Dorothy Lam Family Student Housing Complex. For more information visit web.uvic.ca/family-centre/, call 472-4062 or e-mail familyc@uvic.ca.

Take a tour of UVic's newest building

UVic's new Medical Sciences Building is getting scrubbed and prepped ready for the first group of 24 medical students to arrive in January and will be open for campus preview tours this month. After the official, invitation-only opening ceremony on Dec. 10, building tours for faculty, staff and students will be scheduled during two lunch breaks: 12-1:30 p.m. on Wednesday Dec. 15 and Tuesday, Dec. 21. No reservations are needed for the tours. Guides will be available in the building lobby to show people around. The building is home base for the Island Medical Program, an innovative partnership with the University of British Columbia Medical School, that aims to graduate more doctors experienced in working in communities throughout Vancouver Island.

Support the Vikes, buy a tree

Centennial Stadium gets into the holiday spirit this weekend when the annual Vikes Christmas tree sale opens for business on Dec. 4. Members of the Vikes will be selling B.C.-grown trees every day until Dec. 19. Hours of operation are: Monday to Thursday, 12 to 6 p.m.; Friday, 12 to 9 p.m.; and Saturday and Sunday, 10 a.m. to 7 p.m. Trees of all sizes and prices will be available with proceeds going to Vikes athletics. For further information, contact Vikes cross-country coach Brent Fougner at 721-8408 or bfgagner@uvic.ca.

Food Bank benefits from parking tickets

Campus security services is offering an incentive for settling unpaid UVic parking tickets before the end of the year. Until Dec. 23 anyone bringing an outstanding \$20 UVic parking ticket to campus security services' office will have the fine reduced by \$5 if the ticket is accompanied by a can of food for the local Food Bank. Those with multiple tickets should note that a donation for each ticket is required to qualify for the discount. Last year campus security services donated three big boxes of canned goods to the Food Bank thanks to the parking ticket discount offer.

UVic maintains high research ranking

This year's survey of national university research effort by ReSearch Infosource Inc., released last month, ranks UVic third among "comprehensive" universities in Canada—defined as those with a wide range of undergraduate and graduate programs. The high ranking reflects a 23.4-per cent increase in the university's sponsored research income in the past year to \$59.7 million. UVic places third after the universities of Guelph and Waterloo in Ontario and one place ahead of B.C.'s other comprehensive university, Simon Fraser. UVic ranks 19th among all 50 Canadian research universities, based on sponsored research funding from government and non-government sources, compared with 20th last year. The national ranking is dominated by large universities with medical/doctoral programs. *Canada's Top 50 Research Universities 2004* is available at www.researchinfosource.com.

UVic's sustainability initiatives outlined in new report

Facilities management has released its *2003/04 Sustainability Report* outlining achievements in the area of sustainability in the past year. The report highlights accomplishments in the areas of energy and water conservation, waste reduction, natural areas preservation, sustainable campus planning and construction, and transportation demand management. The report reflects UVic's ongoing commitment to environmental sustainability. The report can be viewed at www.uvic.ca/fmgt.

Televised conference looks at Canada-U.S. relations

A conference by UVic's centre for global studies on Canadian-U.S. relations will be featured as part of a four-part series broadcast on CBC Newsworld on Dec. 6 to 9. "Canada and the New American Empire" will examine security issues between the two countries in a post 9/11 world, the future and implications of the Mackenzie Valley Pipeline development, the impact on the Lake Manitoba fishery from a cross-border water diversion project, and what Canada's hog industry can expect in the wake of a new U.S.-imposed tariff. The Dec. 8 episode will feature presentations from the conference held at UVic on Nov. 27 and 28. Speakers from universities and organizations across Canada will address the conference's key issues of water, security, energy and economic integration. The final episode will be a live town-hall debate addressing whether deeper Canada-U.S. relations will help or hinder our future. The series will be broadcast on CBC Newsworld (Channel 20 in Victoria) from 8 to 9 p.m. PST.

Feedback invited on new human rights policy

UVic has developed a new draft human rights policy and is seeking input on it from the university community.

The policy is the result of last year's equity and fairness review. It recommended an over-arching human rights policy for the university that integrates existing university policies in the areas of employment equity, discrimination and harassment and accommodation.

"When dealing with human rights issues that may be outside our existing policies, the university referred to the provincial human rights act, but the review determined that to be insufficient and recommended UVic develop its own human rights policy," says university secretary Sheila Sheldon Collyer. She also chairs the university's human rights committee, which oversees the two working groups that developed the draft policy.

The two groups have been reconfigured (as a result of the review of best practices recommended in the equity and fairness report), one to focus on educational equity and human rights and the other to

focus on employment equity and human rights. The former group advises the president on equity and human rights issues as they pertain to students, the classroom and the delivery of programs. The latter advises on equity and human rights issues as they pertain to employees. Members of both groups represent a variety of perspectives and the diversity that exists across campus.

The university human rights committee, through its working groups, identified input from the university community as an important part of the development of an overarching human rights policy. The committee is inviting campus community members to provide comments on the policy up to Jan. 21. All feedback will be reviewed before final approval of the policy by the university human rights committee and UVic's board of governors.

The draft human rights policy can be viewed at the university secretary's website at web.uvic.ca/univsec/. Comments and feedback can be sent to the office of the university secretary at hrpolicy@uvic.ca.

Strategic communications CONTINUED FROM P.1

EMG also provided an overview and answered questions about the strategic communications project at a public meeting. The meetings generated follow-up phone calls and questionnaires seeking additional information about the university's marketing environment.

More than 1,500 faculty, students, staff and alumni responded to a web-based questionnaire about UVic's perceived strengths, weaknesses, competitive advantages, and core values in late October/early November. This included 820 students, 408 alumni, and 281 faculty and staff. The response broke EMG records for participation.

In late November, EMG principals Bob and Marlene Brock held discussion groups with faculty, staff, students and alumni to synthesize, probe and deepen understanding of the questionnaire feedback.

This month EMG will meet with the executive and representatives of the deans and board to review the feedback, report their findings on UVic's competitive environment, provide recommendations about how the university can best meet its marketing challenges, develop a university positioning statement, and discuss institutional key messages.

In the new year, the strategic communications task force will recommend a set of measurable marketing goals for UVic in 2005-06 and an integrated marketing plan that will outline the budgets and responsibilities to achieve these. The amount and type of quantitative research with external audiences will also be determined.

For more information about the communications planning process visit www.uvic.ca/stratcommplan/.

Lawyer & Notary Public

Ask about alternatives to costly litigation

4195 Shelbourne Street
(two blocks north of Feltham Rd.)

Real Estate - Purchase/Sale/Mortgage
Estate Litigation
Wills & Estate Probate/Administration
Power of Attorney/Representation
Family Law - Divorce & Separation
General Legal Advice & Referral
721-2441



Bob Reimer



Vol. 30 No. 11

The Ring is published by UVic Communications on the first Thursday of every month, except August.

Director Bruce Kilpatrick
Managing Editor Valerie Shore
Production Beth Doman
Contributors Beth Haysom, Lynda Hills, Bruce Kilpatrick, Maria Lironi, Patty Pitts, Valerie Shore, Chris Thackray
Advertising Bonnie Light
388-5321 or ringads@uvic.ca
Calendar Mandy Crocker, ucom@uvic.ca
Printer Island Publishers

The Ring, PO Box 1700,
University of Victoria, Victoria, B.C. V8W 2Y2
Tel: (250) 721-7636
Fax: 721-8955
e-mail: ucom@uvic.ca
Website: www.uvic.ca/ring

The Ring reserves the right to select and edit all submissions. Material contained in The Ring may be reprinted or broadcast freely without permission. Credit is not necessary, but would be appreciated. Canadian Publications Mail Agreement No. 40014024.



PEOPLES PHARMACY
On Campus

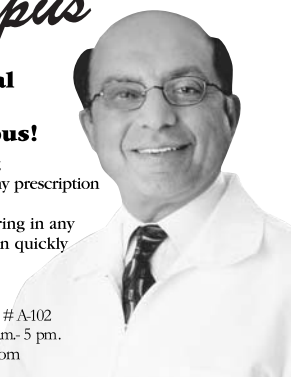
Enjoy fast, convenient, professional service for your pharmacy and prescription needs, right on campus!

Faculty, staff and students now have a choice when fulfilling their health needs. Peoples Pharmacy On Campus can fill any prescription new or old, and makes transferring prescriptions easy. Simply talk to pharmacist Naz Rayani or Laura Beattie, bring in any new prescription, or prescription for refilling, and we can quickly fill or transfer your prescription records.

• FREE Prescription delivery on campus

721-3400

Student Union Building #A-102
Hours: Mon. to Fri: 9 am-5 pm.
pdm 323 @pdmstores.com



Sheldon Collyer bids farewell to "the governance business"

by Patty Pitts

In February 1991 it was cold both inside and outside Sheila Sheldon Collyer's office at Montreal's McGill University. With the city in the grip of winter and icy "equity battles" raging inside McGill's administration, Sheldon Collyer noticed an ad for a university secretary at UVic in *University Affairs*.

"We'd been focusing on heading south to escape the snow, but my husband pointed out that there was no snow in Victoria either." Despite her husband's warning that she hadn't applied for a job in 20 years, Sheldon Collyer won the position and has been in charge of UVic's governance issues for the past 13 years.

When she retires at the end of December, Sheldon Collyer can look back at over a decade of significant changes spearheaded by her office. "Initially, it was much harder to bring about changes than it was at McGill," she recalls, "but UVic is not the same place as it was."

When Sheldon Collyer arrived, her office was expected to provide secretarial support to all faculty meetings. Senate committees lacked secretarial support as well, leading to marathon sessions when senators, having received no background reports in advance, debated motions at length at open session. She provided

senate committees with support by assigning them to appropriate offices on campus, divested her office of responsibilities—such as the university calendar—that belonged elsewhere, and became more involved in policy development.

Administering the province's new freedom of information law did increase her office's workload as staff struggled to process requests and interpret the new legislation. But the development of the Web as an easily accessible resource for university policies and information has reduced information inquiries and suits Sheldon Collyer's philosophy of making governance transparent wherever possible.

When she graduated from Bishop's University with a political science degree in 1970, Sheldon Collyer knew she "didn't want to be a teacher or a nurse but discrimination was still rampant in other professions." So she took a job as a legal secretary "but it only lasted nine months."

An £800 inheritance sent Sheldon Collyer to Europe for six months and when she returned to Montreal she landed a job at McGill. She was later recruited to serve as secretary to a committee reviewing tenure regulations. "I learned a hell of a lot—legal terms, how to phrase things—and became well known on campus." When the university's assistant secretary



Sheldon Collyer

general (the equivalent to UVic's university secretary) left in 1977, Sheldon Collyer was asked to apply and that's how she started in "the governance business."

After 33 years in central university administration, she's looking forward to "following my passions" and indulging more time in crafts and painting. She and her husband, Peter, who have two grown children, plan to finally take that trip south to follow the sun.

When asked to name a highlight from her career she insists: "The whole time has been fun. This career has been the ride of my life and I've loved every minute of it."

VALERIE SHORE

New university secretary begins in January

by Lynda Hills

When she steps into her role as UVic's new university secretary in January, Julia Eastman will have moved from one ocean to the other.

Born in Toronto, Eastman studied political economy at the University of Toronto and political studies at Queen's University before moving to Halifax and taking a job with the Council of Maritime Premiers. A few years later, she joined Dalhousie University, where she worked for 20 years in the president's office, most recently as coordinator of policy development.

Eastman spent 2001-02 studying higher education governance and management in Toronto. In 2003 she took a position with the Nova Scotia Department of Education as senior director, universities and colleges.

"Although the work was interesting and enjoyable it was far removed from the intellectual action that takes place at universities and I found I missed that," she says.

When Eastman learned last spring that UVic was searching for a new university secretary, she read up on the university and talked with people who knew the campus.

"They spoke highly of it," she recalls. "They said that good things are happening at UVic. My impressions when I came for an interview were immensely positive;



Eastman

I was delighted to be offered the position."

Even though she doesn't know UVic well yet, Eastman is impressed by the thoughtful way the university governs itself, and with its unusual success in combining dynamic scholarship and research with serious commitment to innovative undergraduate education. "I look forward to coming to the university and putting my experience at its service," she says.

Last winter, Eastman and her family had no thought of pulling up stakes in Nova Scotia and moving to the West Coast. "Having been introduced to UVic and Victoria and very much liking the people we met, we're now keen about the move," she says. "And being next to another ocean definitely doesn't hurt!"

UVIC PHOTO SERVICES

UVic contributes to national addictions survey

There's some good news in a recent national survey on substance use, says the UVic-based Centre for Addictions Research of BC. The results show that although the use of illicit drugs may be on the rise, these substances are harming fewer people.

"This could be because some people are learning to use substances in less harmful ways," says CAR-BC's communication and resource director, Dan Reist. "This is good information because it means that the harm reduction approach to drug education may be working. However, the survey also shows that nearly eight per cent of British Columbians report problems related to their own alcohol use. Most of these are heavy drinkers."

The Canadian Addictions Survey (www.ccsa.ca), released on Nov. 24, provides a detailed picture of how Canadians aged 15 years and older use alcohol, cannabis and other drugs, and the impact that use has on their physical, mental and social well-being. The survey shows that use of alcohol, cannabis and other drugs has increased in Canada over the past decade—with alcohol and cannabis continuing to be the most commonly used drugs. Of particular concern is the increase in heavy drinking and cannabis use among 18 to 24-year-olds.

The B.C. Ministry of Health Services contributed \$82,000 and CAR-BC added another \$20,000 to the survey so that the sample of B.C. respondents would increase by 2,000, tripling the number of B.C. residents surveyed and providing an opportunity for more detailed analysis.

"Now that we have a clearer picture of substance use in Canada, researchers at CAR-BC can provide evidence-based advice to inform public policy and programs on issues of vital concern to our communities in B.C.," says Dr. Martin Taylor, UVic's vice-president research.

CAR-BC's mission is to facilitate population health research on the understanding, prevention, and treatment of problematic substance use. Over the next year, CAR-BC and the Mental Health Evaluation and Community Consultation Unit at UBC will analyse and study the B.C. data in more detail. They'll issue a series of reports that will guide policy development and service planning on addictions in B.C.

According to the recently released B.C. Ministry of Health Services document, *Every Door is the Right Door*, approximately 33,000 British Columbians have a dependence on illicit drugs.

TONY SOUTHWELL
CIM, RFP, CFP
Former member, UVic Board of Pension Trustees

RETIREMENT INCOME OPTIONS >

Monthly Income Based on \$100,000

Stocks • Bonds • RRIFs
Life Insurance • RRSPs • Annuities • Investment Funds

REGISTERED RETIREMENT INCOME FUND (RRIF)							
	AGE	55	60	65	69	75	80
Minimum Payout*		\$232	\$269	\$321	\$379	\$654	\$711
Total Payout to Age 100		\$239,106	\$209,990	\$185,097	\$167,800	\$146,343	\$136,053
Accelerated Payout:							
Income over 5 years		\$1,850					\$111,090
Income over 10 years		\$1,029					\$122,548
Income over 15 years		\$752					\$135,003

*Based on best current GIC of 4.30%. Returns will vary depending on investment vehicle.

J. MARK GOUWS
CFP, CLU, ChFC

LIFE ANNUITIES

	AGE	55	60	65	69	75	80
Male							
...payments cease at death		\$562	\$621	\$713	\$798	\$975	\$1,206
...10 years guaranteed		\$551	\$601	\$672	\$725	\$820	\$943
Female							
...payments cease at death		\$511	\$555	\$619	\$692	\$859	\$1,083
...10 years guaranteed		\$507	\$546	\$604	\$663	\$776	\$906
Joint Life: 10 years guaranteed		\$474	\$506	\$552	\$603	\$710	\$835

Various options concerning guarantee periods and survivor benefits available. Annuities derived from non-registered capital have tax preferred treatment.

SOLGUARD PEAK SECURITIES INC.

...building better retirement incomes since 1974

tsouthwell@solguard.bc.ca www.solguard.com

#402 – 645 FORT STREET VICTORIA BC V8W 1G2

PHONE (250) 385-3636

We have Life Income Fund (LIF) figures available upon request. Ask us for a personalized illustration or a copy of Your Guide to RRIFs and Annuities

CONTINUING STUDIES
Spring 2005
The best in university education and professional development for adult part-time learners

Where next?

It's almost here...

Give yourself the gift of lifelong learning—get the free **Spring 2005 Continuing Studies Calendar**, available the week of December 12 at locations around campus or at your local library.

Lots of ideas for the adult part-time learner. Diploma and Certificate programs to boost your career options and a broad range of non-credit courses to feed your mind, body and spirit.

Register early and you'll be entered in the draw to win one of 10 gift certificates.

Register online at www.uvcs.uvic.ca or by phone at 472-4747.

University of Victoria

Continuing Studies

connect&grow



Gift helps students reach for the stars

by Chris Thackray

An "astronomical" gift to the faculty of science will help generations of graduate students in astronomy, physics and the sciences, thanks to a stellar donation of \$500,000 from Mark deGoutiere.

"Mark deGoutiere has a heart the size of the universe," says Birgit Castledine, director of central development. "We're delighted he's chosen to help graduate students with such generosity."

The need for graduate students in B.C. has never been higher—and it will become even more acute in the coming years. Privately funded scholarships and fellowships are vital to UVic's mission to help attract and retain promising graduate students. Over the next decade, the university hopes to raise more than \$50 million in donations for scholarships and bursaries.

The donation will endow the Nora and Mark deGoutiere Memorial Scholarship Fund and will help support four graduate scholarships in the sciences, two of which will be designated for physics and astronomy students. There are more than 275 graduate students in the faculty. That number is expected to grow by five per cent per year.

"This generous gift affirms the outstanding achievements of our graduate students," says Dr. Tom Pedersen, dean of science. "It's a tremendous investment in the success of our future young researchers."

Why UVic? A gentle and softspoken man, deGoutiere says he simply wanted to do something good. "UVic has wonderful programs in the sciences and so I thought those students could use some extra support."

A Victoria College alumnus (1947-48), deGoutiere went on to work in Victoria's navy yard in communications and navigation electronics. In the early 1940s his wife, Nora, had purchased six acres of land in View Royal, where they lived with their three children in a tiny cottage. "It was pretty cramped," he says.

During the next few years they added to the cottage like a game of dominoes until there was plenty of room for all of them. They acquired more property there in the 1950s and it was the eventual sale of the View Royal land that made the gift to UVic possible.

"It was worth more than I ever thought and at my age, I certainly thought I could make good use of the money by helping others."

"I've always had a keen interest in the sciences, especially cosmology," he continues. "This interest started when I was a kid—the sky and the universe was a source of wonder to me. I still read everything I can on the subject."

For deGoutiere, there's a true link between his gift and the cosmos. "The universe is eternal and so is this gift. I'm happy knowing it will benefit students for a very, very long time."

by Patty Pitts

Three researchers from UVic's department of biochemistry and microbiology will share nearly \$1 million in operating research grants, part of \$19 million in research funding for B.C. announced by the Canadian Institutes for Health Research (CIHR) last month.

The work conducted by the trio ranges from examining cell mutation—the very root of birth defects and disease—to research on a promising new class of antibiotics and identification of proteins that contribute to diseases such as tuberculosis.

Dr. Alisdair Boraston receives \$407,399 to identify and charac-

terize protein molecules, produced by disease-causing bacteria, that may be involved in the progression of gas gangrene, tuberculosis and illnesses caused by *Yersinia enterocolitica* (a cousin of *Yersinia pestis*, the plague bacterium). Boraston is particularly interested in proteins that attach to or hydrolyze sugars, providing the conditions for bacterial infections. A better understanding of this process may help create new medication to treat these infections.

Dr. Claire Cupples receives \$292,432 to research how cells repair damage to their DNA. If the damage is not repaired, it leads to mutations which, in humans, contribute to birth defects, cancer

and aging. To retaliate, cells have networks of proteins to seek out and repair the damage. Cupples is interested in how these proteins cooperate with each other, how their activity is regulated and how they recognize DNA damage.

Dr. Terry Pearson receives \$297,384 to identify which antimicrobial peptides, a new class of antibiotic, are most effective against the parasites that cause African sleeping sickness. These peptides, which fight disease by forming holes in the targeted micro-organisms, excite researchers because of the possibility that they can be used to treat human diseases that are resistant to conventional antibiotics.

Campus United Way campaign nears \$200,000 goal

The UVic community opened its heart to the United Way at the Hearts and Hands Craft Fair on Nov. 16. Over \$1,700 was raised thanks to an array of student, staff and faculty artistic wares.

To date, the campus campaign has reached 87.5 per cent of this year's goal. "This has been a tremendous campaign and we're within striking distance of a record \$200,000 in pledges and funds," says campaign chair Dr. Rebecca Grant (business). "As usual, the UVic community has demonstrated its generosity and

commitment to its neighbours. I know everyone will dig deep to take us to our goal and beyond."

The McPherson library book sale raised more than \$6,000. Village Greens, the new vegetarian restaurant in Cadboro Commons, raised \$795 from its smoothie sale, and the penny challenge is rolling along with \$454.50 raised so far.

The campaign continues until the end of December. Upcoming events include a chemistry department raffle of a hand-blown glass hummingbird ornament on Dec. 17. Tickets are \$2 each or

three for \$5. And don't forget the old-fashioned fitness class at the McKinnon dance studio on Dec. 15 from 11:30 a.m. to 12:30 p.m. Admission to this event is by donation and all proceeds go to the United Way.

"It's never too late to make a pledge and make a difference," says Grant. "We'll be taking donations right up until the new year, so if you've discovered that pledge form or want to honour someone special with a holiday donation, you haven't missed your chance."

Green Map adds a new dimension to community mapping

A UVic partnership came to fruition in November with the launch of the *Community Green Map of Victoria and Region*. Linked to the International Green Map system, it was the 179th published map worldwide.

The Green Map is a joint venture between the GroundWorks Learning Centre and UVic's faculty of social sciences. "The map is a distillation of what a community has found to be ecologically or socially significant," says UVic cartographer Ken Josephson.

Like a three-dimensional view of the Victoria region, the colourful map not only maps the land but also uses a system of international icons to represent places such as recycling depots,

community gardens and used clothing stores.

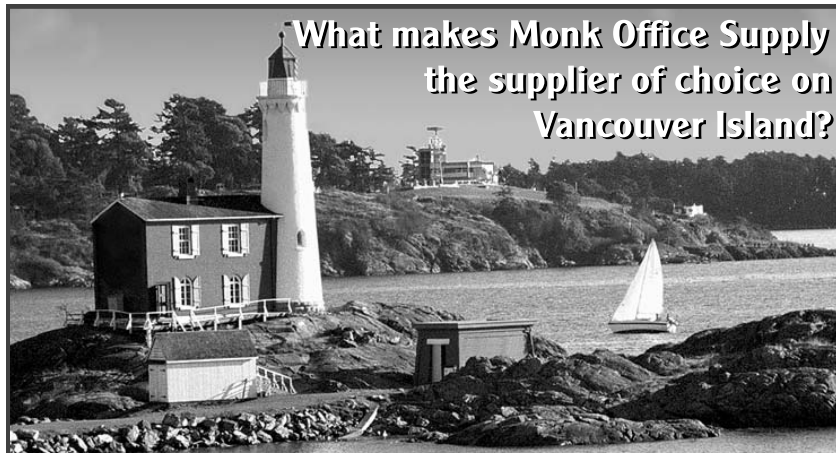
Dr. Peter Keller, dean of social sciences and a strong supporter of community mapping, saw the benefits of a partnership between GroundWorks and UVic. Keller and Maeve Lydon, director of GroundWorks, set the project in motion. Along with Josephson, interns from UVic's geography and environmental studies department were also involved.

Josephson's task was to artistically interpret the information that he received. "We also wanted draw attention to First Nations—their spiritual significance and link to the land," he says. He did this by using First Nations names and symbols as a watermark for the map.

The next stage will see the geography department expand the partnership by working on a community mapping kit for North and South America. "We're still fleshing it out, but it will be a how-to book on how someone in a neighbourhood can set up a workshop, get people together and make their own map," he says.

Josephson sees potential for further UVic involvement in such areas as community-based research and support, as well as First Nations initiatives and projects with youth. "This isn't the final product, it's just one step along the way."

Maps and posters are available at the UVic Bookstore or through www.gworks.ca.



There's no secret to our winning formula. We provide you with all the products you need. We help you simplify your purchasing process. We assist you in reducing the cost of doing business. We are a single source for all your office needs. We offer the latest electronic solutions for convenient, flexible ordering.

Quite simply, it is a local commitment to personalized service, quality, reliability and value.

9 Convenient locations on Vancouver Island • Customer Service Centre: 250-384-0565 • Fax: 250-384-3851

And having knowledgeable people on staff who are passionate about your personal and professional success.



James McKenzie

James McKenzie
President



Web Site: www.monk.ca

E-mail: sales@monk.ca

Canada Research Chairs



Papadopoulos

Continued from p. 1

ment of electrical and computer engineering on July 1, 2005.

Eric Kunze studies how internal waves cause turbulent mixing in the ocean, which is critical to understanding the uptake of greenhouse gases, ocean circulation, and how nutrients and contaminants are dispersed. He'll do field research in B.C.'s coastal and continental shelf waters, in submarine canyons off western Canada, and in the open North Pacific.

"The central question driving my research is how and where mixing is important in the ocean," says Kunze. "The interactions of internal waves with currents, tides, bottom topography and each other to produce turbulence and mixing offers endless fascinating questions about their role in the ocean."

Kunze is a native of B.C. and holds a BSc in math and physics from UBC and a master's and PhD in oceanography from the University of Washington. Prior to joining UVic's school of earth and ocean sciences and department of physics and astronomy this September, he had been a faculty member at the

University of Washington for 17 years.

The addition of Kunze, a physical oceanographer, fortifies UVic's place in the front ranks of marine science in Canada, says Dr. Tom Pedersen, an oceanographer and dean of science.

"In a sense, physical oceanography is the torso of the oceanographic body, and the other branches, such as marine biology or geochemistry, are appendages," says Pedersen. "Everything revolves around a physical understanding of how the oceans behave."

Chemist **Natia Frank** will explore new classes of compounds for use in the next generation of molecular-scale electronics.

"Most technologies for the storage and transfer of data are based on a host of materials optimized for specific magnetic, optical and conducting properties," explains Frank. "The next generation will be built on hybrid materials in which magnetic, optical or conducting functions are combined into one material."

Frank is a leader in the field of

multifunctional magnetic properties. During her chair program, she'll use chemical synthesis, computation, and spectroscopic studies to design and synthesize new multifunctional materials for use in the electronics industry.

Frank earned her PhD in organic chemistry from the University of California, San Diego and is currently an assistant professor of chemistry at the University of Washington. She joins UVic's department of chemistry on Jan. 1.

Chris Papadopoulos, an assistant professor in the department of electrical and computer engineering, is developing novel ways of synthesizing a wide range of advanced nanoscale materials and devices. Nanotechnology is a branch of engineering that uses individual atoms or molecules as the components of minute machines, measured by the nanometre, or a millionth of a millimetre.

One of his research goals is to achieve controllable growth of nanoscale materials and devices. This allows more precise control of the function and placement of these tiny materials, which will make nano-sized devices easier to create.

"The great thing about nanotechnology is that it's so interdisciplinary," says Papadopoulos. "It can be applied to virtually any field of physical science or engineering to explore new possibilities in areas like biotechnology and medicine. It's a very promising field."

A faculty member at UVic since 2003, Papadopoulos holds bachelor and master's degrees in applied science from the University of Toronto and a PhD from Brown University in Rhode Island. His research interests include carbon nanotube devices and physics, electronic transport in nanostructures, and synthesis and properties of nanomaterials and molecular devices.

Mathematician **Anthony Quas** will apply the techniques of probability to the study of ergodic theory, which makes predictions about the average long-term behaviour of chaotic dynamic systems such as the weather and electronic circuits. He also applies probability to the study of elections.

"Although there have been many methods proposed for conducting elections, almost all of them are seen to suffer from serious drawbacks," says Quas. These range from a lack of proportionality to the types of paradoxes seen in the 2000 U.S. presidential election, where George Bush was elected even though opponent Al Gore garnered a bigger share of the vote.

"It has been shown theoretically that paradoxes of these types can't be completely avoided," says Quas. "But understanding them is the

first step toward designing election systems in which these effects are minimized."

Quas, who holds a PhD in mathematics from the University of Warwick, is currently an associate professor of mathematics at the University of Memphis in Tennessee. He'll join UVic's department of mathematics and statistics on Jan. 1.

Joan Wharf Higgins, a professor in UVic's department of physical education, studies how citizens view healthy lifestyles and how social and economic circumstances influence a person's everyday behaviour and activities.

Wharf Higgins has been a faculty member at UVic since 1993, and was part of the university's first graduating class in leisure studies in 1984. She hopes her research will encourage policy-makers to make recreation and education about physical activity and health more accessible to everyone.

"Even though the decision to eat

right, be active and make healthy decisions is viewed as an individual's choice, it's really influenced by that person's culture, social environment and conditions—things you don't always have complete control over," she says.

As part of her chair program, Wharf Higgins is establishing an institute of physical activity, health and wellness at UVic to provide faculty, collaborators, students and community partners with a physical space to pursue their research.

The Canada Research Chairs program seeks to increase Canada's research capacity by attracting and retaining the best researchers. UVic's six new chairs are among 194 awarded across Canada—for a total investment of \$194 million. They were announced on Nov. 12 in Vancouver by Prime Minister Paul Martin.

UVic now has 26 Canada Research Chairs and will be awarded another nine by the end of 2005. For more information on UVic's other chairholders visit www.chairs.gc.ca/web/chairholders/index_e.asp.

Kunze



Giles



Frank



Quas



JOY POLQUIN



Wharf Higgins

UVic purchases Port Alberni cable station for NEPTUNE

by Valerie Shore

The UVic-led NEPTUNE Canada project has moved one step closer to reality with the recent purchase of a cable station in Port Alberni. The station will be the Canadian landing site for NEPTUNE's fibre-optic and power cable.

The 12,700 sq ft building was purchased earlier this fall from Teleglobe Canada, which used it as a terminal for its trans-Pacific communications cable. "The building came on the market and it was clearly a good fit for NEPTUNE," says Peter Phibbs, NEPTUNE's associate director of engineering and operations.

"Although we won't be needing the building for a year or so, the cost of outfitting another type of building from scratch would have been very expensive," he says. "That money can now be put to use elsewhere in the project."

NEPTUNE, or the North-East Pacific Time-series Undersea Networked Experiments project, will be the world's largest cable-linked ocean observatory. It will lay 3,000 km of powered fibre-optic cable over the Juan de Fuca tectonic plate, a 200,000 sq km region off the coasts of B.C., Washington and Oregon.

The observatory will feature 30 or more seafloor "laboratories," or nodes, through which land-based scientists will control and monitor sampling instruments, video cameras and remotely operated vehicles as

they collect data from the ocean surface to beneath the seafloor.

The data and imagery that come ashore at Port Alberni will be relayed to a data management and operations centre in Victoria where they'll be made available to scientists, science centres, aquariums, museums, universities, schools and living rooms across the nation and around the world.



Knowledge gained through NEPTUNE will be applied to many global concerns, such as fish stocks, earthquakes and tsunamis, climate change, marine pollutants, and toxic algal blooms. It will also improve our general understanding of marine ecosystems and seabed chemistry and geology.

NEPTUNE is led by UVic in Canada and by the National Science Foundation in the U.S., where partners include the University of Washington, Woods Hole Oceanographic Institution; NASA's Jet Propulsion Laboratory, and the Monterey Bay Aquarium Research Institute.

Also associated with the Canadian portion of NEPTUNE are Fisheries and Oceans Canada, the Geological Survey of Canada, the National Research Council of Canada, Environment Canada, the Vancouver Aquarium Marine Science Centre, the Department of National Defence, Parks Canada, and the Bamfield Marine Science Centre.

An open house was held at the Port Alberni shore station on Nov. 17 to introduce NEPTUNE and the project team to neighbours, community leaders, First Nations, the fishing industry and the news media.

"It was the first step in what will be an extensive public consultation process for that region," says Phibbs. "It's important for people to understand what we're doing and to be part of the decision-making process."

The Port Alberni shore station is expected to be fully operational before the first cable is laid on the ocean floor in 2007. The Canadian portion of NEPTUNE should be fully installed by fall 2008. The U.S. portion is targeted for completion by 2011, depending on final funding approval in the U.S.

The NEPTUNE Canada project is funded by \$31.9 million from the Canada Foundation for Innovation and \$30.5 million from the B.C. Knowledge Development Fund.

To find out more about NEPTUNE, visit neptunecanada.ca.

Gifts that make the grade ^{A+}

UVic's donors get top marks. Thanks to their generous donations, more UVic students will be supported through scholarships and bursaries, and more academic and research programs will expand and flourish. Our donors are in a class all their own. In this new column we present a sample of recent gifts to UVic that are making a difference:

Voice students in the school of music really have something to sing about, thanks to a gift from **Vic Scott** of Vancouver who recently donated \$25,000 to the Bea Scott Bursary in Vocal Performance. Scott established the bursary in 1991 in memory of his wife, a talented musician. The endowment fund for this bursary has now reached almost \$125,000, resulting in a significant amount being generated in interest each year.

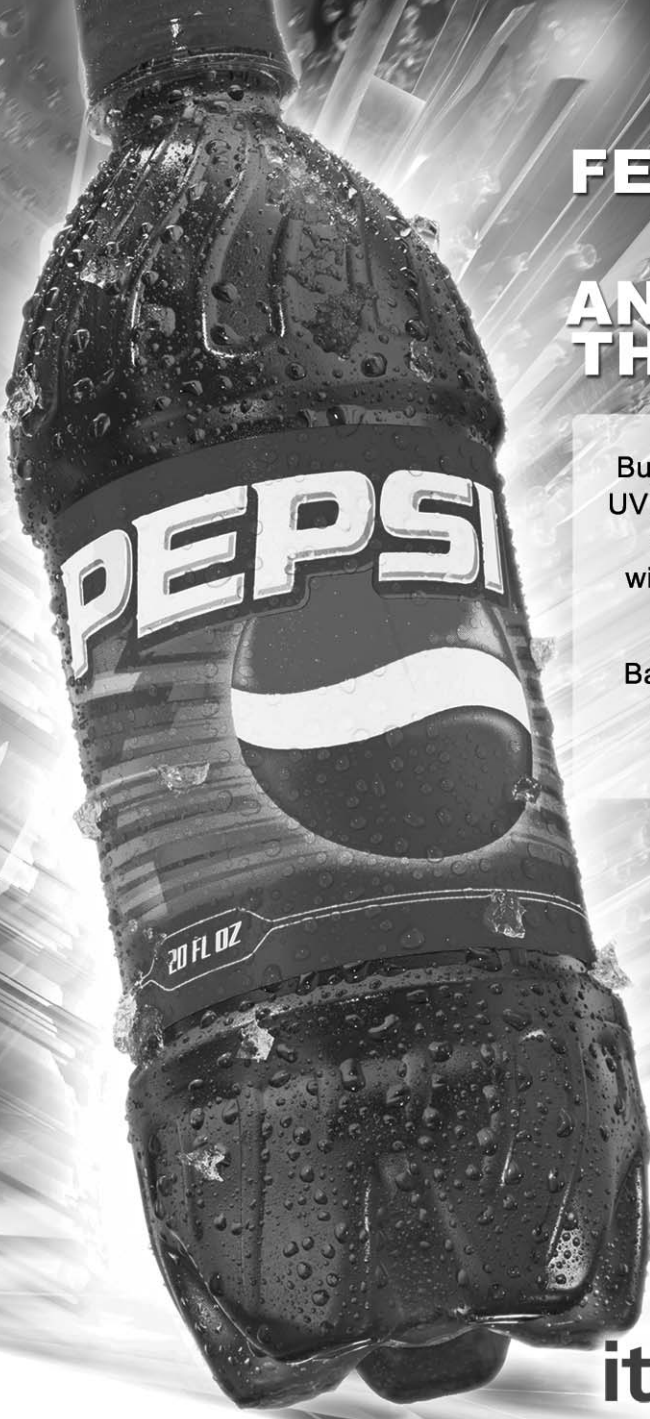
Dr. **Gwladys Downes** has given \$13,000 to create a new Gwladys and Gwen Downes Scholarship in Theatre. This will be added to the fund previously named the Gwen Downes Memorial Book Prize. Downes is a Victoria College alumna and a retired UVic professor (French). She was awarded an honorary degree from UVic in 1994.

The study of the art and architecture of Islam has been enriched through the donation of \$25,000 to the **Owen Padmore Memorial Fund**. Padmore (1970-2001) was a passionate student of Islamic art and culture. His family established the fund in 2002 for the purchase of library materials on Islamic art and architecture, chosen by the department of history in art. The materials reside in the McPherson Library.

The palliative care research of Dr. Francis Lau (health information sciences) has been boosted by a \$140,000 donation from **Telus**. Lau's research looks at ways to improve symptoms management and communication between patients in palliative care, their families and health care providers. The funding will help create a much-needed technology infrastructure and database system to allow the ongoing collection, analysis and reporting of data. This will help researchers in their quest to enhance palliative care to patients and their families.

The former president of media giant Yahoo! Inc., **Jeff Mallett**, and his wife Clare have endowed the Jeff Mallett Leadership Award. The \$3,000 award will go each year to a Vikes athlete who studies in the faculty of business. Mallett attended UVic in the 1980s and was a member of the Vikes soccer team. Mallett designated the award for a student involved in athletics because of the strong linkages he sees between success on the playing field and success in the board room.


Strategic alliance partner **Best Western Carlton Plaza** has made an urgently needed and unique gift come true for the Phoenix Theatres. In preparation for the spring run of the play *That Elusive Spark*, the hotel will be hosting award-winning theatre director Linda Moore. She currently resides in Halifax and most recently directed a production at the renowned Shaw Festival. She returns to UVic's Phoenix Theatres after a 10-year absence. A round of applause goes to the hotel's general manager, John Clisby, for his support of a briskly selling and exciting season for the Phoenix.



**FEELING THE PINCH?
AND FEELING THE THIRST?**

Buy any Pepsi product from UVic campus retail locations, and try your chance at winning a \$500 voucher to help pay your tuition!

Banish that empty-pockets feeling with up to four chances to win!



it's the cola™

Official cold beverage supplier for the University of Victoria and Rec Plus

INVESTING ETHICALLY, INVESTING WISELY.

Caring Where Your Money Is Invested
Can Go Hand In Hand With Good Returns

THE PINCH GROUP

Experience • Integrity • Results



Brian Pinch MPA, FCSI
Lori Woytowich

Frank Arnold BSc., CFP
Mike Higgins B.Comm

*Victoria's Experts on
Socially Responsible Investing*

405-2468 or 1-877-405-2400

**Call for a free information package on
Socially Responsible Investing or an
invitation to our next public workshop.**

RAYMOND JAMES®
Raymond James Ltd., Member CIPF

UVic study predicts petroleum potential of Queen Charlotte Basin

by Maria Lironi

UVic's school of earth and ocean sciences has released a two-part study that investigates the potential for oil and gas formation in the Queen Charlotte Basin off British Columbia.

The research program conducted a detailed investigation of the petroleum system—factors that predict hydrocarbon formation and accumulation—for the basin with a goal of enhancing the scientific information available about B.C.'s offshore oil and gas potential.

The research concludes that the right conditions and locations could exist for oil and gas formation.

"I'm very encouraged by the findings of the UVic study, which

further illustrates the untapped potential that exists in the Queen Charlotte Basin," says Minister of Energy and Mines Richard Neufeld. "This report builds on the base of existing independent science that the province will continue to rely on to make informed decisions about the development of offshore oil and gas."

Using state-of-the-art computer modelling programs, the two-phase project analyses existing geophysical, geological and geochemical information to better identify the factors that influence hydrocarbon formation and accumulation in the basin.

"Our goal is not petroleum exploration. Rather, we're defining what the most probable

sectors of petroleum formation are in the region and where we can anticipate them occurring," says the project's leader, Dr. Michael Whiticar. "This delineation of the areas that have petroleum potential will allow various groups to sharpen their focus of attention and activities, such as economic and environmental assessment."

The study was funded in conjunction with the Coasts Under Stress research program—which addresses the impacts of environmental, social and economic restructuring on Canada's coastal communities—and the B.C. Ministry of Energy and Mines. For more information or to view the report, visit the new UVic-hosted website at www.EnergyBC.ca.

Drinking water research CONTINUED FROM P.1

compounds, contaminants, toxins, drugs, disinfection byproducts and nutrients. "It's one of the best-equipped water research labs in B.C. and Canada," he says.

The program has also forged strong partnerships with utilities, governments, communities and industry who are seeking science-based solutions to water quality issues or new equipment, applications and services related to drinking water monitoring and assessment.

"We need say only one word to remind us all of how important clean drinking water is, and that's Walkerton," says Nils Jensen,

chair of the Victoria-area Regional Water Supply Commission. "The word is attached to our consciousness. It's a constant reminder to us all of how taking clean, safe water for granted can lead to disaster."

Jensen says the UVic chair has been an invaluable resource to the CRD over the past five years. "The research has given us a much better understanding of water quality issues surrounding expansion of the Sooke Reservoir and is allowing us to take science-based steps to ensure that our drinking water remains safe."

On a larger scale, the chair program is also informing provincial and federal governments as they develop and strengthen guidelines for protecting and managing watersheds that supply drinking water.

"The quality and quantity of Canada's water resources are being strained by tremendous political, demographic and economic pressures," says Mazumder. "Our research is helping provincial and federal governments develop and strengthen guidelines for ensuring clean drinking water—from source to tap."

calendar highlights

EVENTS FREE UNLESS OTHERWISE INDICATED. FOR A COMPLETE LIST OF EVENTS, SEE WWW.UVIC.CA/EVENTS

At the Galleries

www.maltwood.ca
721-6562

A Woman's Place Art and the role of women in the cultural formation of Victoria, 1850s-1920s. Until Jan. 11. Maltwood Art Museum & Gallery.

Explorations in Paint Works by Phyllis Serota's studio group. Until Dec. 5. McPherson Library Gallery.

Saturday, December 4

Music 1-3 p.m. *Tuba Christmas Victoria*. Eugene Dowling, UVic, conducts. Fundraiser for the *Times Colonist* Christmas Fund. Market Square, 560 Johnston St. 721-7903

Sunday, December 5

Music 2:30 p.m. *Tuba Christmas Reprise*. Students from the class of Eugene Dowling and the Tuba Christmas Ensemble. MacLaurin B125. 721-7903

Tuesday, December 7

Asia-Pacific Initiatives Conference (Dec. 7 & 8) 8:30 a.m.-3 p.m. *China's Diplomacy of Multilateralism*. A two-day conference. Visit www.capi.uvic.ca/events/chn-multi/chn-multi-home.htm. Univ. Centre A180. \$107/53.50. Register 721-7020

Wednesday, December 8

Studies in Religion & Society Lecture 4:15 p.m. *Spirituality and Quality of Life in Older Adults*. Dr. Anita Molzahn, UVic. Hickman 110. 721-6325

Wednesday, December 15

President's Holiday Reception/Distinguished Service Awards Ceremony 4 p.m. Open to the UVic community. Univ. Centre cafeteria. 721-7632

Friday, December 3

Ceremony for National Day of Remembrance and Action on Violence Against Women 11:30 a.m. In front of the MacLaurin Bldg. 721-8488

Dean's Lunchtime Lecture Series 12 p.m. *How to Read a Medical Research Article*. Dr. Mary Lesperance, UVic. UVic Downtown. Register 472-4747

Music 12:30 p.m. *UVic Chamber Singers Christmas Concert*. MacLaurin B125. \$5 721-7903

Public Administration Seminar 4 p.m. *The Imposition of the Border: The End of Empire and the Emergence of Victoria*. Dr. Allan McDougall, Univ. of Western Ontario. Hickman 116. 721-8056



Looking for some gift ideas with a UVic touch?

Go online to ring.uvic.ca/04dec02/features/gifts.html

If the weather turns frightful...

In the event of bad weather, listen to your local radio stations and CFUV for updates on possible class cancellations, road closures or other service disruptions. UVic will notify local broadcasters as soon as possible about any schedule changes that inclement weather may cause on campus. You can also check the UVic Web site at www.uvic.ca for the latest on any service disruption caused by bad weather.

Winter/Spring 2005 Ring Schedule

Calendar items should be sent by 4 p.m. on the copy deadline date shown below to UVic Communications (Sedgewick C149, fax 721-8955, e-mail ucom@uvic.ca) or entered into the online calendar (www.uvic.ca/events). For more information call 721-7636.

Publication Date	Copy Deadline
Friday, Jan. 7.....	Wednesday, Dec. 15
Thursday, Feb. 3.....	Wednesday, Jan. 26
Thursday, March 3.....	Monday, Feb. 21
Thursday, April 7.....	Wednesday, March 30

BUTTERFIELD LAW



"We're a child-focused, result-driven, Family Law firm."

"We can help you."

• Divorce • Access • Custody • Ministry Apprehensions •
Free Consultation www.butterfieldlaw.ca **Call 382-4529**

Too busy? Connect online.
telus.com/student



TELUS
the future is friendly®

Student in a jam with Google

UVic computer science PhD student Gilbert Lee recently "googled" his way to a top 50 finish in the second annual worldwide Google Code Jam.

Lee was one of 50 finalists chosen out of a field of 7,500. The contest took place at Google headquarters in Mountain View, California. Finalists were flown to California all expenses paid to compete for \$50,000 in prize money. "They showed us a good time," says Lee.

During the Code Jam, each contestant was given three tasks to complete: organizing information to make it more accessible; ordering elements on a matrix;

and writing a game program. Contestants had just over one hour to complete the tasks.

Lee learned about the contest through Topcoder, a company that promotes computer programming opportunities. "I wanted a chance to improve my skills and have some recreation," says Lee, who placed 33rd and plans to enter again next year.

In the meantime, he's organizing a UVic team for an upcoming Association for Computing Machinery (ACM) programming contest. He's looking for students who are interested in participating and can be contacted at gilbert@uvic.ca.



Canning

Despite tragic death, student still inspires

Stephen Canning inspired people to live life without fear.

Canning, a popular fourth-year student in environmental studies and creative writing, was an accomplished mountaineer and a passionate outdoor adventurer. He wanted to make his living climbing and skiing down great mountains while capturing the beauty of the wildness with his camera, then recounting his adventures in writing.

Canning died last May while descending Mount Logan, Canada's tallest peak.

Grieving friends and family wanted to remember Canning in a way that honoured his strength of character and his passion for the outdoors. In October, friends, family and his partner of five years, Shandell Susin, organized a fundraising event to create a scholarship in environmental studies in his name. The event drew

hundreds of people.

"We thought we'd have a nice turnout," says Eric Higgs, director of the school of environmental studies, "but we were overwhelmed with the support we received. It was just amazing." More than 300 people came out to support the fundraiser, which included a silent auction and sale of Canning's best mountain photography. Cash donations were dropped into a pair of his old ski boots.

"A tremendous outpouring of grief was transformed into this incredible community spirit and generosity," says Higgs. The event raised over \$16,000 in one evening in donations and pledges. The fund is still growing. "That means we can probably award a scholarship of \$1,000 per year to a deserving student."

The funds will endow an undergraduate scholarship in

environmental studies to assist students who exhibit Canning's qualities. "Steve never hoped or dreamed about things. He just went ahead and did things," says Susin. She was very aware of the risks Steve took. "We talked about the dangers of mountaineering, and the danger was never about the risks to him. What was extraordinary was his humility in the face of it."

"Stephen was a remarkable young man who gave much to life and to the people around him," says Higgs. "We want to encourage students, like Steve, who have his sense of adventure and love of life."

The Stephen Canning Endowment for Scholarships in Environmental Studies, created through the efforts of his many friends and loved ones, is a testament to the inspiration he was, and will continue to be, for future UVic students.

Cadboro Bay Merchants

AT THE FOOT OF SINCLAIR HILL

Please donate a book to your favorite (under-funded) school library.

We have their "wish lists" in the store, and will give you 20% off any book you wish to donate.

The Cadboro Bay Book Company
3840B Cadboro Bay Rd. 477-1421

This offer is valid throughout the year

Now Two Great Locations!

Cadboro Bay PEOPLES PHARMACY

Prescriptions
Herbals & Supplements
Greeting Cards & Gifts
Film & Photo Developing
Photocopying & Fax
Post Office

477-2131
3825 Cadboro Bay Rd.
Mon-Sat 9am-6pm, Sun 12-5pm

PEOPLES PHARMACY On Campus

Prescriptions
Herbals & Supplements
Film & Photo Developing
Personal Care Products
Cosmetics

721-3400
UVic Student Union Building
Mon-Fri 9am-5pm

UVic student extended medical cards accepted at both locations

Get off Campus & come on down



Cadboro Bay's Neighbourhood Pub

LIQUOR STORE OPEN!

Reservations 477-2688
2581 Penrhyn St.
www.smugglerscove.shawbiz.ca

UVic moves up in several Maclean's categories

UVic maintained its top three ranking among Canadian comprehensive universities in this year's annual Maclean's magazine rankings of the nation's universities.

The University of Waterloo took first place in the category, described by Maclean's as universities with significant research and a wide range of programs, and the University of Guelph placed second. Simon Fraser

University placed fourth.

While UVic maintained the same overall position as last year, it moved up in several categories used by Maclean's to achieve the rankings. UVic showed improvement in student retention, the proportion who graduate, class sizes and the percentage of classes taught by tenured faculty. Once again, UVic scored first among comprehensive

universities in the average value of the medical/science grants it attracts.

This year Maclean's also included the results from a national survey of graduates—including UVic's—from the classes of 1999, 2000 and 2001. The results were consistent with UVic's own surveys in which 97 per cent of graduates say they are either very satisfied or satisfied with their university experience.



Learn what's NEW in the Camosun Winter 2005 Continuing Education Calendar

- Choose from 250 part-time, evening and weekend classes
- Pick up a calendar on campus at Camosun College or call 370-4928, Option 5 if we can mail you a personal copy of the calendar

Information & Registration – 370-3550

www.camosun.bc.ca/ce