

speed reading

STUDENT SATISFACTION

UVic scores Afrom students

The University of Victoria received an A- for overall student satisfaction in the Globe and Mail annual Canadian University Report. The report compiles results from more than 38,000 students at 53 universities. UVic scored high for quality of teaching and education, library and campus technology. UVic's campus atmosphere received top marks and its environmental commitment scored a B+, one of the highest marks in the country. More: *http://www.globecampus.ca/* navigator/university-of-victoria

UNIVERSITY RESEARCH RANKINGS

Research leadership reconfirmed

UVic has been named a Research University of the Year in the annual survey of Canadian research universities by Re\$earch Infosource. UVic placed third in the comprehensive categorya position it has held for the last seven years. On the blended list of Canada's research universities, UVic maintained 17th place, showing a sponsored research income total of just over \$112.4 million for fiscal 2008. This is a 25.9-per-cent increase over the previous year—the second-highest growth rate among the top 20 universities.

More: www.researchinfosource.com

EMERGENCY ALERTS

Have you registered your cell phone?

The next campus-wide test of the UVic Emergency Alerts notification system will take place in mid-November. If the phone in your classroom or office begins to broadcast the emergency test message, you can cancel it by lifting and replacing the handset. For information and to register your mobile phone to receive emergency text messages: www.uvic.ca/alerts

VIKES ATHLETICS

UVic rowers clinch



HRING NOVEMBER 2009 The University of Victoria's community newspaper ring.uvic.ca

Buydens. PHOTO: UVIC PHOTO SERVICES

OUOTE

"THEY WERE RESILIENT, **ADAPTABLE** AND DETERMINED **TO OVERCOME OBSTACLES.**"

BUYDENS, DESCRIBING THE FEMALE VETERANS WHO SHE SURVEYED

Grad research spotlights women in military

BY PATTY PITTS

When Sarah Buydens started undergraduate studies at UVic, she was certain she wanted to teach biology and chemistry to high school students. But after summer jobs at children's camps where she was told she was "good with kids," Buydens switched her studies from science to child and youth care.

"I absolutely loved it," she recalls. "I realized that I really wanted to work with kids, not teach them. Then I realized that I really wanted to work with their families."

That led her to pursue graduate studies in educational psychology and leadership studies, where she conducted groundbreaking research on Canadian military women veterans while earning a master's degree in counseling psychology.

"I loved trauma work. I'm trained as a trauma therapist, and I wanted to work with people who encounter high risk in the workplace," she says of her choice of a research topic. "I had worked at the Esquimalt Military Family Resource Centre and seen the work that the counselors do there, and that led me to investigate the experiences of women in the military. Surprisingly, there was little existing research about them."

Buydens added to that with her master's thesis, The Lived Experience of Women Veterans of the Canadian Forces. Funded by a \$10,000 scholarship from the Department of National Defence, Buydens' research involved extensive interviews with six women between 35 and 60 years of age. All had completed their time in the Canadian Forces in the post-1989 era of full

gender integration.

"I was not expecting the results that I received," says Buydens. "As a civilian woman I was surprised at how rough it was. I was inspired by how they persevered."

All of her interview subjects reported being ostracized by their male colleagues, being the subject of demeaning gender references and inappropriate sexual attention and seldom being recognized as an individual. While most of the women's common experiences were negative, all did report developing some supportive relationships among their colleagues.

Buydens will pursue the importance of mentorship among military women in her PhD research, which she's already started, under the guidance of her master's supervi-

SEE MILITARY P.4

Aboriginal leader is new entrepreneur-in-residence

BY DIANNE GEORGE

I was, and whether or not I wanted and a gift shop. Some of the revenue there is so much opportunity," says children."

from these ventures was used to Sayers, who will also be involved

national title

For the first time since 2001, the UVic Vikes men's rowing team has won the Canadian University Championship. The Vikes won the Canadian University Rowing Association championships for the fifth time in school history after a successful performance in Montreal Nov. 1. The Vikes won the eight, earned silver in the pair and won bronze medals in the four, lightweight double and lightweight four. The championship represents the 65th overall Canadian University Championship for the UVic athletic program. The men's and women's rowing teams have won 13 national titles and have sent 94 athletes, coaches and alumni to the Olympic Games. The Vikes will host the 2010 Canadian University Championships at Elk Lake.

More: http://bit.ly/vM7kl

Judith Sayers plans to cover a lot of ground while serving as entrepreneur-in-residence and adjunct professor for the faculties of business and law. Sayers, known in the Hupacasath language as Kekinusuqs, will be on campus about five days each month to share her legal and entrepreneurial expertise with the UVic community.

"I am very excited to be here," says Sayers. "It's a great opportunity to mentor students and others about building new relationships and working with Aboriginal communities, whether it is about regulatory and legal issues, or entrepreneurship.

"We've come a long way in Aboriginal law," says Sayers. "When I graduated in 1981, the topic was not very fashionable." She says discrimination and gender bias was also a problem. "It was hard to find a place to article as firms wanted to know how radical

She got her start from Willie Littlechild-former Member of Parliament and Cree lawyer-who offered Sayers an opportunity to article with him in Alberta, which is where she first established her practice.

Sayers returned to BC in 1990 to complete a Bora Laskin fellowship on human rights and was called to the BC bar. In addition to running a law firm in Port Alberni, she served as the elected chief of the Hupacasath First Nation from 1995 to 2009, where she focussed on building capacity, sustainable development and restoring and rehabilitating Hupacasath territory.

During her time as chief, she oversaw the development of a woodlot, helped establish a hydro "run-ofriver" project that generates enough electricity to power 6,000 homes, and launched tourism enterprises, including a canoe tours company

build equity in other businesses. She also helped acquire a railway through the Island Corridor Foundation, an organic gardening business, and is in the process of building a cultural centre and an aggregates company.

"Anything is possible—right now

in activities related to the National Aboriginal Economic Development Chair program.

"We're extremely delighted to tap into Ms. Sayers' expertise," says Dean

SEE SAYERS P.9



Sayers. PHOTO: UVIC PHOTO SERVICES

around the ring

Athletics complex consultative balloting results

A majority (53 per cent) of UVic students have said "yes" to a new athletics and recreation fee to support renovations to the McKinnon Building and the construction of an adjacent new complex, which would greatly improve access to athletics, recreation and health and wellness programs on campus. Of the 3,304 students who voted, 2,727 were undergraduates and 577 were graduates; 60 per cent of the former and 22 per cent of the latter voted in favour of the initiative. These results and other information related to the project will be presented to the UVic Board of Governors in November and a decision on how to proceed will be made early in the new year. If the project proceeds, the new building fee would not be implemented until the building opens, likely fall 2012. More info: www.uvic.ca/universitysecretary/ consultation.php

Write to us

The Ring welcomes letters from members of the university community on matters of relevance to UVic. Please consult our letters policy online at http://ring.uvic.ca/ policies.html and send submissions to the editor, robie@uvic.ca.







Printed using vegetable-based inks on 100% post-consumer recycled paper, Forest Stewardship Council certified, process chlorine free, using 100% Green-E certified renewable carbon-neutral energy.

Next issue Dec. 3

The Ring is published monthly except in August by UVic Communications

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The Olympic torch makes it way across campus Oct. 30, carried by Jon McKay. PHOTO: GRANT HUGHES

Olympic torch comes to campus

October 30 was Olympic Torch Day at UVic as the torch relay crossed campus on its way to official ceremonies at the BC legislative buildings, much to the delight of hundreds of people gathered for a community celebration of UVic's tradition of excellence in athletics and campus recreation opportunities in the Centennial Stadium parking lot.

UVic's athletics programs have developed and supported 156 athletes, coaches and alumni who have represented Canada at the Olympic and Paralympic Games, winning a total of 10 Olympic gold medals, six silver, five bronze, and 26 medals at the Paralympics.

Among torchbearers that first day of Canada's Olympic Torch Relay was UVic psychology professor Bonnie Leadbeater. Olympic partner Royal Bank of Canada invited Leadbeater to participate in the Olympic Torch Relay in recognition of her contributions to children's mental health.

PRESIDENT'S DISTINGUISHED LECTURE Building capacity for peace in Africa

An advocate for peace and conflict studies in Africa will deliver a President's Distinguished Lecture on Nov. 19 at 8 p.m. in the Bob Wright Centre, room B150. Dr. Jean-Bosco Butera is director of the Africa Programme at the University for Peace (UPEACE). The program focuses on the necessity to stimulate and strengthen Africa's ability to teach, train and conduct research in areas of peace and conflict studies. In his lecture, "Building Capacity for Peace in Africa," Butera will discuss how the program contributes to a better understanding of conflicts in Africa, their prevention and the

a collaborative international network that promotes constructive exchange of ideas to prevent violent conflict and remedy its effects. The lecture is free of charge, but seating is reserved, and tickets should be booked in advance through the UVic Ticket Centre, 250-721-8480 or www.auditorium.uvic.ca. An evening parking permit of \$2 can be purchased when booking tickets.



UVIC BUDGET PLANNING

No deficit, but financial future is challenging

It may still be fall but UVic administrators are already planning for next year's university budget. Like universities across the country, UVic will be facing a much different financial environment over the next several years. But unlike many other universities, UVic is not currently facing a deficit or significant budget cuts.

"Our financial picture is currently healthier than at many other universities," says Vice-President Academic and Provost Jamie Cassels, "but we face some of the same challenges."

Those challenges include reduced endowment revenues due to investment losses and constrained government revenues and tuition capped at the rate of inflation. At the same time, the university must cope with mounting costs and a rate of inflation substantially higher than the general rate of inflation-due mainly to negotiated agreements with employees and the higher costs of many educational resources.

"Because of this, we will have to continue to be very prudent about allocating resources most effectively," says Cassels. "We may need to reallocate funds to achieve our goals and diversify our sources of funding. We may also have to reduce budgets in the future."

With the magnitude of future cost increases difficult to estimate, Cassels says, "We've asked administrators to maintain some vacant positions to create flexibility in case we have to reallocate budget funding to deal with inflation or other cost pressures."

UVic received an unexpected boost in its 2009/10 provincial operating grant. These funds provided funding to deal with pressures in 2009/10 such as shortfalls on endowments and to cover a number of ongoing items including facilities costs, carbon offsets and increases to the university's annual contributions to staff pension plans to maintain their values in the wake of last year's financial market turmoil.

Vice-presidents, deans, the university librarian and other administrative heads are assisting in developing next year's fiscal framework to deal with provincial belttightening, a continued economic downturn and the completion of the provincial initiative to expand enrolment capacity that previously provided annual increases in grant funding.

"We are moving from a period of continual growth to a period of developing and building on our strengths," says Cassels. "We need to capitalize on and develop the major investments that we have made over the past several years instead of relying solely on increased funding to cover continual expansion.

increase our emphasis on improving the success of the students who are already here."

Some of the funds that were held back from faculties pending confirmation of the distribution of increases in student enrolment figures can now be released says UVic's Vice-President Finance and Operations Gayle Gorrill. "We have been careful with our finances, but continued inflation in the future, the potential impact of the planned introduction of the HST, the need to provide infrastructure support for our increasingly successful research programs, and our commitment to contracted increases in salaries and benefits are all cause for concern."

Despite an uncertain economic future, Cassels has asked UVic's senior administrators to continue considering long-term program development and improvement while also developing contingency plans for dealing with constrained staffing and budget allocations in the short term. He hopes this will provide UVic with a realistic and sound financial platform on which to base its future educational, research and operational initiatives.

Administrators were asked to base all budget submissions this fall on the priorities of UVic's Strategic Plan which emphasize student recruitment and retention, educational and research programs focused on recognized areas of strength, growth in graduate programs and enrolment, high quality undergraduate programs-especially those in first year-and increased opportunities for experiential learning, community engagement, internationalization and the integration of education and research.

"Taking an integrated approach, being realistic about the current fiscal environment while remaining committed to our strategic priorities, will provide us with a strong foundation for the continued development of our programs of education and research," says Cassels. "Faculties should accordingly continue to be ambitious in their longer-term planning, though our ongoing development will increasingly take the form of changing the way we do things rather than just adding on."

He doesn't want the university to respond to economic uncertainty with fear and retrenchment. "University finances go through times of opportunity and times of challenge. But overall, government has recognized universities as a key to the future. UVic has always practiced prudent budget planning and has stewarded its resources carefully. While we need to continue to be prudent and to plan for some challenges, we should continue to be ambitious. That approach has worked well for us in the past and I'm confident it will be effective in the future."

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Printed in Canada by Nanaimo Daily News © 2009 University of Victoria Canadian Publications Mail Agreement No. 40014024

creation of an environment for lasting peace to ensure the sustainable development of Africa. From 1995 to 2003, Butera was vice-rector at the National University of Rwanda. He is currently the patron of Never Again Rwanda, a chapter of Never Again International,

"Our enrolment figures continue to be strong, and while we'll continue our aggressive recruitment, we'll

Butera



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Scientific breakthrough with light opens doors for virus research

BY PATTY PITTS

A Canada-Spain research collaboration between University of Victoria engineering professor Dr. Reuven Gordon and Institute of Photonic Sciences (ICFO) group leader Dr. Romain Quidant has developed a new method to gently trap, manipulate and study tiny, active objects as miniscule as viruses without inflicting any damage.

The research was reported this month in the online version of *Nature Physics.*

Using a new approach to the established technology called "optical trapping," the team demonstrated that it is possible to use the force of light to hold and manipulate 50 nanometre particles—two thousand times smaller than the width of a human hair—something previously considered impossible.

Since most viruses range from 10 to 300 nanometres in size, scientists hope that this new method of optical trapping will significantly expand viral research.

"The usual approach to optical trapping does not work well at the nanometre scale," says Gordon, who spent several months at the Barcelona-based ICFO working on this project. "If the particle is made twice as small, a 30 times more powerful laser is required to hold it, meaning that damaging powers are needed for small particles—especially if they are biological particles such as viruses. We have discovered a much gentler way to hold virus-sized particles with



a 100 times less power."

The team, including UVic PhD students Yuanjie Pang and Fatima Eftekhari, conducted their research by directing the light source through a small hole in a metal film that is only a few times as large as the tiny particles they were studying. When the particle gets close to the hole, it changes the flow of the light dramatically. This reaction has a favourable effect on trapping since it amplifies the light force but requires less light power.

"This means, for the first time, it may be possible to trap and study

more conclusive

decisions about the

data. Sometimes

the human brain

is better at analyz-

ing material than

students will be

provided remote

access to VENUS

enrich their science study.

and NEPTUNE's cameras and sensors

installed in the Saanich Inlet and off

the west coast of Vancouver Island to

and we wanted to be more active in

monitoring the environment that's

in our own backyard," says David Mc-

Carthy, Brentwood's director of studies.

'We'll also be doing our own projects

in the estuary here in Mill Bay. We're

"We're a school on the waterfront,

Brentwood

software is."

viruses, which is something we have started experimenting with," says Gordon. "One interesting possibility would be to trap a virus and then bring it close to a living cell to see how they interact. Hopefully this will help us better understand the virus-cell interaction and help stop infection."

Gordon's research received support from the Natural Sciences and Engineering Research Council of Canada. A copy of the research report is available at www.nature.com/ nphys/journal/vaop/ncurrent/full/ nphys1422.html

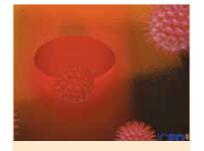


Illustration showing the use of light and nanometer holes in a metal to hold and manipulate viruses. © 2009 ICFO-THE INSTITUTE OF PHOTONIC SCIENCES

\$1.55 million funds physics and oceans data access

Two projects that give members of the community the opportunity to participate in groundbreaking UVic research are part of \$10.5 million in funding announced recently by CA-NARIE, Canada's Advanced Research and Innovation Network.

The \$980,000 Data from the Deep, Judgments from the Crowds project will establish a satellite observatory at Brentwood College School on Vancouver Island and invite members of the public to review short video clips and sound sequences collected by the NEPTUNE and VENUS offshore cabled observatories and provide researchers with their annotations.

"This online volunteering is known as 'crowdsourcing," says NEPTUNE's Associate Director of Information Technology Benoît Pirenne. "Scientists can draw on this feedback to make



The public will ultimately also benefit from the \$578,000 HEP Legacy Data Project. It

with UVic."

very excited about

this collaboration

will develop tech-

nology at UVic and

at other sites in Canada and the US to enable the longterm preservation of BaBar Project particle physics data. The aim of the BaBar Project is to understand why the universe is made of only matter and no antimatter—both were present at the birth of the universe.

"Typically, particle physics data are collected at accelerator facilities throughout the world using large detectors built by international

NOVEMBER 2009

research collaborators," says UVic's Randy Sobie (physics and astronomy, Institute of Particle Physics). "It's not only necessary to preserve the data but to preserve the computing environment and functioning software to read and analyze the data. This will ensure the long-time preservation of valuable research data and open the data to other communities and even the public."

CANARIE, established in 1993, manages an ultra high-speed network which facilitates leading-edge research and big science across Canada and around the world. More than 39,000 researchers at nearly 200 Canadian universities and colleges use the CANARIE Network, as well as researchers at institutes, hospitals, and government laboratories throughout the country.

around the ring

We're a top employer

UVic was named one of BC's top 50 employers in an annual competition organized by the editors of Canada's Top 100 Employers. This special designation recognizes BC employers that lead their industries in offering exceptional places to work. UVic was recognized for the support it provides to employees who are new mothers with maternity leave top-up benefits and to employees who are new fathers or adoptive parents. As well, UVic was acknowledged for its onsite childcare centre and the help it provides to employees as they prepare for retirement with contributions to a pension plan. More info: www.canadastop100. com/bc/

UVic asks "What would you do if you could do anything?"

On Nov. 2, the University of Victoria launched The Anything Project. It's a new social media-oriented campaign for recruiting prospective undergraduate students, and it features UVic faculty and staff as well as students responding to the question, "If you could do anything, what would you do?" Everyone is invited to share responses to this question through the campaignrelated microsite. Check it out: *http://anythingproject.uvic.ca/*

20 years of remembering for a reason

Twenty years ago, on Dec. 6, 14 female engineering students were murdered by a gunman at Montreal's l'École Polytechnique. In honour of these women's memories, every December since that day in 1989, universities and other communities have held a national day of remembrance and action to call for an end to violence against women. Everyone is invited to attend the annual National Day for Remembrance and Action on Violence Against Women on Dec. 4 from 11:20 a.m. to 12:30 p.m. at UVic. The gathering will be held at the fountain in front of the library.





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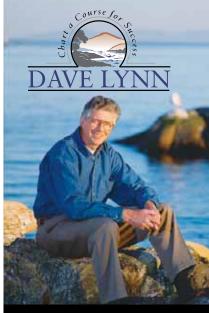
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REGISTERED RETIREMENT INCOME FUND (RRIF)											
	AGE	55	60	65	71	75	80				
Minimum Payout *		\$238	\$278	\$333	\$439	\$633	\$694				
Total Payout to Age 100		\$219,073	\$195,516	\$174,967	\$154,092	\$143,349	\$131,823				
Accelerated Payout: Income over 5 years\$1,835 Income over 10 years\$1,006 Income over 15 years\$733				Total 5 year payout \$110,070 Total 10 year payout \$120,641 Total 15 year payout \$131,821							

* Based on best current GIC of 3.925%. Returns will vary depending on investment vehicle.

LIFE ANNUITIES									
	AGE	55	60	65	71	75	80		
Male									
payments cease at death10 years guaranteed		\$594 \$578	\$645 \$624	\$724 \$681	\$863 \$764	\$974 \$806	\$1,205 \$919		
Female									
payments cease at death10 years guaranteed		\$542 \$537	\$586 \$574	\$641 \$622	\$748 \$698	\$852 \$761	\$1,054 \$876		
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ROYAL LEPAGE

The Ring November 2009 Page 3

around the ring

Parking fines confirmed legal

Provincial legislation introduced last month has affirmed that BC universities have the authority to regulate parking on their campuses through the use of fines. In April, the BC Supreme Court ruled that UBC did not have the power to issue parking fines under the University Act. At that time,UVic ceased to issue parking fines and, instead, Campus Security Services issued tickets warning car owners that a subsequent violation would result in their cars being towed or immobilized.

UVic resumed issuing parking fines in July when the court stayed that portion of the judgment. "We're grateful to the provincial government for this legislation and for making it retroactive so UVic does not have to divert resources from other programs to refund previously collected parking fines," says UVic Vice-President Finance and Operations Gayle Gorill. "This would also have been unfair to the vast majority of people who paid their parking fees and avoided fines." Parking fees help cover the cost of maintaining parking facilities and contribute towards transportation demand management initiatives.

Going with the flow

Mimicking Mother Nature may help us ward off floods caused by climate change

BY PEIGI McGILLIVRAY

If climate change means more extreme rainfall, as scientists predict, how should we prepare to cope with all the extra water? Should we be installing larger storm water pipes? Diverting streams? Stockpiling sandbags?

Chris Jensen, a master's student in geography, thinks there's a better way. He's investigating how to manage rainwater where it falls—on individual buildings, streets, gardens and subdivisions—rather than directing it into storm water systems buried under city streets.

"If rainwater is absorbed where it falls, there'll be less risk of overloading our storm water systems and less flood damage to homes, businesses and sensitive aquatic habitats," he says. "It's a gentler, more natural way of managing rainfall."

Funded in part by a graduate fellowship from the UVic-led Pacific Institute for Climate Solutions, Jensen is using sophisticated computer models to assess the ability of various low-impact development strategies to cope with rainwater.

His study site is the heavily urbanized Bowker Creek watershed, which straddles the municipalities of Victoria, Oak Bay and Saanich.

Almost 90 per cent of the Bowker Creek watershed has been developed



Jensen on the green roof of UVic's Social Sciences and Mathematics Building. PHOTO: ARNOLD LIM PHOTOGRAPHY

for commercial, industrial, institutional and residential use. Seventy per cent of the creek's original channel is now confined to culverts, which form the backbone of municipal storm water drainage systems.

"Bowker Creek is an ideal case study," he says. "About 50 per cent of its surface is impermeable due to roads, buildings and pavement, and a recent study led by the Capital Regional District predicts that there will be increased flooding there in the future."

Low-impact development strategies include permeable paving materials, green roofs and rain gardens. "The idea is that if we can use some combination of these," says Jensen, "we can reduce flooding without expensive upgrades to the existing drainage infrastructure."

Permeable paving includes paving stones as well as special porous concrete and asphalt that could be used on driveways and patios and on complete road systems, he says. These surfaces allow rainwater to soak into the ground naturally.

Green roofs are designed to support soil and plants. Some are able to reduce peak runoff by up to 75 per cent. "When you look at an aerial view of any city, you can see how much potential roofs offer for absorbing rainwater and slowing runoff," says Jensen.

Rain gardens are sunken green spaces where ponds can form after a heavy rain. They can be placed in people's yards and along the sides of roads, where they help filter pollutants and keep rain out of the storm water system.

"Theoretically, these treatments can absorb the increase in precipitation, thereby eliminating the need for costly engineering solutions," says Jensen. Upgrading the watershed's drainage systems could cost as much as \$10 million.

Jensen has been involved with the Friends of Bowker Creek Society since 2001. He's also worked extensively with municipal officials, engineering consultants, watershed societies and provincial staff to overcome the regulatory, policy and technical challenges of low-impact development.

"This is really a 'no regrets' way to prepare for possible flooding," he says. "If climate change doesn't produce the extreme rainfall predicted, rain gardens, green roofs and permeable pavements will still make our neighbourhoods greener and more pleasant, create and protect natural habitats and improve the health of urban watersheds.

"Because this is the first climate change adaptation study of its kind, we have a chance to show the world how small changes can make a big difference to our cities."



call for nominations

Honour our research stars

The Craigdarroch Research Awards provide an opportunity to recognize those who have produced original, productive, entrepreneurial and ground-breaking research at the University of Victoria. This year, as in years past, the awards will celebrate career achievement and excellence in research, as well as societal contribution and excellence in communicating research. Two new awards have been added this year: the Craigdarroch Award for Excellence in Artistic Expression and the Craigdarroch Award for Excellence in Innovation and Entrepreneurship. The deadline for nominations is Jan. 8, 2010. For nomination forms and terms of reference, including details of eligibility and instructions to nominators, visit *www.research.uvic.ca/VPRE/* and click on the Craigdarroch Research Awards link.

Further info: 250-472-5408, mkf@uvic.ca

Lauding local leaders

The 2010 Victoria's Leadership Awards (VLA) program is accepting nominations until 4 p.m. Nov. 28. VLA honours outstanding citizens whose contributions inspire us all to become more involved in civil society and bring positive change to our communities. The awards will be presented Jan. 28, 2010, at the Fairmont Empress Resort Hotel. Among the 2009 VLA winners were Drs. Elaine Gallagher (nursing) and Budd Hall (education; Office of Community-Based Research) as well as UVic alumnus and Vancity Youth Award winner Ivan Watson (board member of UVic's Alumni Association) and Trudi Brown, former UVic chair of the Board of Governors and a friend of UVic.

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Nomination packages and info: www.leadershipvictoria.ca

MILITARY CONTINUED FROM P.1

sor Dr. Tim Black.

"Hopefully future researchers will build on Sarah's work to construct questionnaires that can be distributed to a much larger number of female vets," says Black. "The amount and detail of the data that Sarah generated will provide future researchers with multiple directions to pursue in trying to learn more about this unique group of women."

When she's not studying, working as a therapist with Victoria's Men's Trauma Centre and serving as a volunteer board member, Buydens tends to a large urban garden and a household that includes three dogs and a cat—all adopted from the SPCA.

"One of my friends is married to a military doctor, so I have a really good role model of what a functioning, healthy military family looks like," says Buydens. "I want to research what works for women and how and why it's helpful, so that I can develop a program to present to the military to help them improve conditions for its female members."

WELL DONE, GRADS!

Talent, dedication and hard work will be rewarded this month as students receive 1,228 degrees, diplomas and certificates during the University of Victoria's Fall Convocation. Congratulations one and all.

MONDAY, NOV. 9

Academic credentials will be conferred upon students in education, law, science, continuing studies and graduate studies at 10 a.m. and in human and social development, humanities and graduate studies at 2:30 p.m.

TUESDAY, NOV. 10

Academic credentials will be conferred upon students in the faculties of fine arts, social sciences and graduate studies at 10 a.m. and in business, engineering and graduate studies at 2:30 p.m.

HONOURS FOR ACHIEVEMENTS IN THE ARTS, BUSINESS AND LAW

BY MIKE McNENEY

FOUR HONORARY DEGREES—the university's highest recognition—will be presented during Fall Convocation ceremonies. The recipients represent outstanding support of the visual arts in Canada, community-oriented leadership in business, advocacy for the wrongly accused and groundbreaking filmmaking.

MICHAEL AUDAIN

HONORARY DOCTOR OF LAWS, (10 A.M., NOV. 10)

Michael Audain, chair of the National Gallery of Canada's board of trustees, is widely known for his deep interest in, and generous philanthropic support for the arts.

He was a founding member of the Bill Reid Foundation, served as president of the Vancouver Art Gallery and is chair of the Vancouver Art Gallery Foundation. In 1997 he created the Audain Foundation for the Visual Arts, which has become the single largest supporter of the Vancouver Art Gallery.

Audain was born in England and came to Victoria with his fam-



Audain

ily when he was nine years old. A descendent of the Dunsmuir family, he attended Victoria College from 1959–60, completing two years of study in a single year. He studied political science at UBC and took an active role in the creation of the BC Civil Liberties Association, hosting the group's inaugural meeting.

Audain later studied at the London School of Economics and, after a career in housing policy and social planning, he joined Vancouver-based Polygon Homes in 1980. Under his leadership (as CEO and now as chairman), Polygon has built more than 17,000 housing units across the Lower Mainland.

ALEX A. CAMPBELL

HONORARY DOCTOR OF LAWS (2:30 P.M., NOV. 10)

Alex A. Campbell started in the grocery business at the age of 15, stocking shelves and bagging groceries for the Super Valu chain. He worked his way up and in 1973 he opened the 49th Par-







NUMBER OF UVIC HONORARY DEGREES CONFERRED SINCE 1963



DEEPA MEHTA

Mehta

HONORARY DOCTOR OF LAWS (2:30 P.M., NOV. 9)

Filmmaker Deepa Mehta was born in India and after coming to Canada in 1973 began her career as an editor, producer and director of television dramas.

In 1996, she wrote, directed and produced *Fire*, the first film in her "elemental trilogy." It became the subject of controversy in India as Hindu fundamentalists pressured the Indian government to ban the film because of its lesbian content and its questioning of the destiny of marginalized Indian women. The film went on to receive 14 international awards.

The next installment, *Earth*, dealt with nationalism and the politics of land, friendship, identity and family during India's partition from Pakistan. It, too, created controversy, drew criticism and generated wide acclaim from critics and audiences.

The final film in the series, *Water*, was delayed and forced to move from its principal filming location in the holy city of Varanasi when Hindu fundamentalists rioted and Mehta received death threats. *Water*, centring on the practice of child marriage and the treatment of widows, was nominated for an Academy Award in 2007 (Best Foreign Film) and won three Genie awards, including best film.

allel Grocery in Ladysmith. Four years later, he and co-founder Ernie Skinner opened their first Thrifty Foods store, in Victoria, beginning a tradition of "being in the business of building better communities."

The success of Thrifty Foods is a testament to Campbell's business acumen as well as his dedication to his customers, staff and suppliers. Campbell set a high standard of community involvement, making Thrifty Foods a model of corporate

Campbell. PHOTO: GREGG ELIGH

citizenship and encouraging individual employees to take leadership roles in their communities.

The company's contributions to the BC Cancer Agency, the Greater Victoria Hospitals Foundation, Boys and Girls Clubs, and the ALS Society are just a few examples of the depth and breadth of its community initiatives.

Campbell remained chair of Thrifty Foods until 2007 when the 21-store chain was sold to Sobeys. He now serves as chairman emeritus and continues to provide his guidance and advice as a member of the company's advisory board.

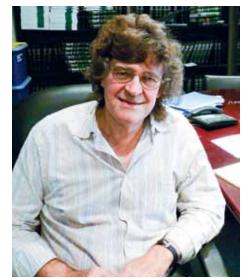
JAMES LOCKYER

HONORARY DOCTOR OF LAWS (10 A.M., NOV. 9)

James Lockyer is a gifted criminal lawyer and tenacious activist, particularly in his pursuit of justice for the wrongly convicted in Canada.

He has worked, often on a *pro bono* basis, on more than 10 wrongful conviction cases in Canada, including those of Guy Paul Morin, David Milgaard, Clayton Johnson and Steven Truscott, who was acquitted after 47 years of battling his wrongful conviction for the murder of his 12-year-old classmate Lynne Harper.

Lockyer is the founding director of the Association in Defence of the Wrongly Convicted, a non-profit organization established in 1993 to eradicate the conditions that can cause miscarriages of justice. His relentless efforts have greatly influenced the teaching, practice and reform of criminal law in Canada and he has worked to ensure that miscarriages of justice are minimized at the investigation and trial stages. In addition, he has devoted 25 years of his private life to assisting developmentally challenged individuals in Ontario. In 1984 he cofounded New Leaf, a rural residential and day activity facility north of Toronto. It provides services for individuals with the dual diagnosis of developmental disabilities and mental health issues.



Lockyer

UVIC'S TEACHING STARS FOR 2009

CONVOCATION IS A CELEBRATION of the accomplishments of our students and the great promise which they bring as they enter on a new stage of their careers. It is also an occasion at which the university recognizes the outstanding talent, dedication and creativity of the faculty members whose work defines the quality of a UVic education. Each year, the various faculties celebrate the best among UVic's educators by bestowing awards for excellence in teaching. This year's recipients—representing the best of UVic's teachers—are profiled below.



Bornemann. PHOTO: UVIC PHOTO SERVICES



Calder. PHOTO: UVIC PHOTO SERVICES



Ng. PHOTO: UVIC PHOTO SERVICES



DR. JENS BORNEMANN

ELECTRICAL AND COMPUTER ENGINEERING

Dr. Jens Bornemann (electrical and computer engineering) has developed and taught a variety of courses in the areas of electromagnetics, microwaves, antennas and propagation at the undergraduate and graduate levels. For many years, his students have consistently rated him at or near the top of the scale for teaching effectiveness and overall teaching ability. His enthusiasm for the subjects he is teaching has inspired many students. Bornemann has also contributed significantly to curriculum development. He served as graduate advisor and department chair and oversaw the rapid growth of the graduate program. He further served as a member of the BEng/BSEng first-year review task force, which produced a report that is having significant impact on the first-year engineering curriculum.



Professor Gillian Calder joined the Faculty of Law in 2004 and very soon made her mark as an exceptional teacher. This is the second year in a row that she has received this award—a remarkable tribute to her abilities as a legal educator. Calder is particularly known among colleagues and students not only for her enthusiastic and engaged teaching but also for innovation and creativity in the classroom. She is devoted to finding ways to make legal education more meaningful for law students and more respectful of and responsive to their individual diversities and learning styles. She not only practices innovative pedagogy, she also researches and writes about it, and takes time to hone her classroom skills by participating in national and international workshops dedicated to creating better teachers.

IGNACE NG BUSINESS

Dr. Ignace Ng (business) played a key role in the development the MBA's Malaysia work-study program and was responsible for the development of the International Field Experience for undergraduate BCom students to Greater China. He then championed the creation of the MBA program's International Integrative Management Exercise and spearheaded the implementation of the Global MBA option as well as its subsequent evolution into the new Master of Global Business program that is to be launched next year. His sense of humour and patience stand as hallmarks of his teaching style. In the words of his students, "Ignace has mastered his craft and possesses a charismatic enthusiasm which captivates the classroom. His depth of knowledge and passion about teaching cross-cultural studies is evident through his extensive life-travel experiences. He gains the support of his students and co-workers through his approachable and supportive personality."

DR. HELEN RAPTIS CURRICULUM AND INSTRUCTION

Dr. Helen Raptis (curriculum and instruction) works with preservice and in-service teachers to help them see the classroom as embedded in social and historical context. Stellar student ratings indicate that her pedagogical approach is highly effective and inclusive of students' ideas and needs. As a colleague explained, "I marvel at the time she takes to develop materials, re-design courses, listen intently to students and then build better classroom experiences." Students praise her use of a wide range of methods, her compassion, flexibility, passion and enthusiasm. Through lectures, case studies, videos, readings, discussion, role-plays, debates, guided discovery, mock lesson plans and problem-solving activities, she is highly effective in helping teachers identify that what they do influences—and is influenced by—students' lives, social situations and historical circumstance.



DR. KARENA SHAW ENVIRONMENTAL STUDIES

Shaw. PHOTO: DIANA NETHERCOTT

Dr. Karena Shaw (environmental studies) arrived at UVic in 2003 and quickly became a leading contributor to restructuring the school's undergraduate program. She was also one of the designers of the new and highly successful Introduction to Environmental Studies course, which employs an overarching theme of food examined through the three pedagogic pillars of the School: political ecology, ethnoecology and restoration ecology. She has provided inspiration and advice related to the school's new master's programs and its partnership in the Redfish School of Change. Working with faculty in the Institute of Integrated Energy Systems, she developed a course on energy, ecology and politics that attracted students in environmental studies and mechanical engineering. Shaw has become the school's go-to specialist in innovative teaching and has served as mentor to several sessional instructors. Colleagues are impressed by the effort she gives to teaching undergraduate students through generous conversations, exhaustive notation of their work and extensive lecture preparation.

DR. PENELOPE CODDING CHEMISTRY

Dr. Penelope Codding (chemistry) has been part of the UVic community since her arrival from the University of Calgary in 1996 as provost and vice-president academic. She has transformed the way introductory courses in science are taught, by integrating computerbased tools inside and outside the classroom. She has mentored new faculty, helping them become more effective teachers, and has never stopped refining course content and delivery. As one of her colleagues writes, "For a student at the back of a class of 200 to feel he or she has been engaged by the professor is a clear indication that Penny is extremely effective in these large sections." A first-year student commented that, "It is not only Dr. Codding's captivating classes that render her an exceptional professor, but also the extra attention she provides to ensure her students succeed." Codding has made, and continues to make, a major difference to her students' lives, in many cases influencing their career choices.



LORNA JACKSON WRITING

Raptis. PHOTO: UVIC PHOTO SERVICES



Surridge. PHOTO: UVIC PHOTO SERVICES

DR. LISA SURRIDGE ENGLISH

Dr. Lisa Surridge (English) conducts research on Victorian literature, bringing the period alive for students historically, socially, and culturally. Surridge's teaching is always new, fresh and in a constant state of development—and this has inspired many of her colleagues to redouble their efforts to give their best in the classroom. She constantly seeks ways to make her classroom an exciting and informative place. One student commented: "Dr. Surridge is an exemplary teacher. She guides classes effectively without ever being controlling. She is helpful and enthusiastic and treats her students with respect, empathy and with a great sense of humour." Another wrote: "Dr. Surridge stands out as the most remarkable teacher I have ever had. Being taught by her makes you *want* to do well. Her approach to students is so friendly and real. She makes me feel I can live up to my potential."



Jackson. PHOTO: DIANA NETHERCOTT

Lorna Jackson (writing) is a well-known Canadian short-story writer, novelist and writer of creative non-fiction. She has published four books, and her work has appeared in numerous Canadian journals and magazines. Her recent work, *Cold-cocked: On Hockey*, was declared by the Globe and Mail to be "absolutely one of the best hockey books of our era." She is known for her meticulous attention to the smallest details within a student's writing and her insistence on learning good technique. Her deep commitment to her students and ingenuity in the classroom is recognized by her students and colleagues. One student wrote, "Her comments on that first story were generous, compassionate and kind. I started to understand something about Lorna: she cared about my writing. She wanted me to be a better writer." Another student said simply, "I would not have published a novel if not for Lorna Jackson."

CONVOCATION



From art to education, nursing student finds inspiration

BY CHRISTINE McLAREN

Mid-career nursing student and accomplished artist Gayle Allison is convocating this November with the first group of nine students to complete UVic's new nurse educator option in the master's of nursing program.

Advanced practice nurse educators work to create new clinical approaches and patient care models, advise on practice guidelines or new protocols while providing support to nurses and health professionals.

In 2007 UVic's School of Nursing and UBC piloted the Educator Pathway Project. It was developed in partnership with the two lower mainland health authorities and the BC Nurses' Union to help prepare the nursing workforce to advance health services. This project gave birth to the school's nurse educator option—a bridge between academia and practice.

This innovative ground-up approach was ideal for Allison, a public health nurse educator with the Fraser Health Authority. Her work includes supporting new practice initiatives, mentoring new nurses and creating opportunities for reflective learning and change.

The distance option at UVic unique in BC and accessible nationwide—was a good fit for Allison, who lives in White Rock. "Having the privilege to work while completing my graduate degree helped support reflection on my practice, leading to new insights and new knowledge," says Allison, whose health authority and external graduate scholarships supported education days and a "living lab" workplace. "The development of this project in full consultation with the health authorities allowed us to develop a program of studies that supports the wide range of educational roles that nurses fulfill in our health and postsecondary systems," says Mary Ellen Purkis, dean of the Faculty of Human and Social Development and a member of the school's development team.

"The faculty in the school offered opportunities to see curriculum role modelled in new and innovative ways," says Allison. "I was encouraged to explore new experiences—the results have transformed the way I think."

Allison has found inspiration from teaching and learning from others. In one of her colourful art pieces she applied the words "living the life you want" within her painting. It seems she has found a way to do just that.



Allison. PHOTO: © 2009 PHILLIP CHIN PHOTOGRAPHY



MacKay on her co-op work term at the Whyte Museum of the Canadian Rockies. PHOTO: CEARA LORNIE

Co-op term leads to gallery manager position

BY CEARA LORNIE

Heather MacKay isn't one to shy away from opportunity. Originally from Halifax, she decided to kick-start her university career by moving from one coast to the other.

As she graduates this fall, she has already embraced her next adventure—a full-time job in Whistler, BC.

e—a full-time job in Whistler, BC. were MacKay pursued a degree in his- playir

Along with support from her co-op program staff, she is thankful to her professors for being passionate and dedicated and for challenging and inspiring her.

When MacKay wasn't busy studying or working she was involved with several intramural leagues at UVic. "The racquetball and squash ladders were a fun way to meet people, and playing soccer outdoors all year long was amazing," she says. These experiences helped solidify her love of the West Coast.

Grad has "the right chemistry" for government job

BY CEARA LORNIE

When Ryan Glendinning was choosing a university, UVic was his natural choice. Not only is the campus fairly close to his family in Port McNeill, but he knew the university's strong reputation for undergraduate sciences was right up his alley. Four years later his UVic chemistry degree and his co-op work experience have helped him land his dream job right here in Victoria.

As a child, Glendinning excelled in sciences but was particularly interested in chemistry. "I've always been fascinated by how chemistry looks at the whole picture—it binds all the other sciences together," he says.

He immersed himself in UVic's chemistry program and discovered a real passion for inorganic chemistry after taking a course in transitional metal chemistry with Dr. Scott McIndoe.

Eager to put his academic knowledge into practice, Glendinning joined the UVic Co-op Program. "The Co-op Program opened my eyes to lots of different opportunities where I had the chance to meet people and travel to different areas—it was just phenomenal," he says.

McIndoe acted as Glendinnings's academic supervisor for his co-op terms, and with his guidance Glendinning secured two co-op terms with the federal government at Defense Research and Development Canada DRDC, CFB Esquimalt. His skills, knowledge and

Dairyland.

SAPUTO IS PROUD TO BE AN OFFICIAL SUPPLIER OF THE VANCOUVER 2010



Glendinning. PHOTO: CEARA LORNIE

passion for inorganic chemistry were put to the test as he studied corrosion on military vehicles and established the best corrosion-preventative compound. He made such an impact that he was offered a full-time position with the DND working on similar projects.

Glendinning is already considering pursuing his master's of science degree, which he can obtain while still working at the DND through the Government of Canada's professional development academic grant program. "Career options with the DND are great, and there are many opportunities coming up," he says. "I'm excited about the future."

Glendinning was awarded numerous scholarships during his studies, including the Millennium Scholarship.

tory in art because of its multi-disciplinary focus. Her degree gave her the broad academic experience she was looking for and taught her history, philosophy and even math.

MacKay's hard work was rewarded—during her time at UVic she received both the President's Entrance Scholarship and the President's Scholarship, along with the QEH Academic Achievement Award and the Mathias Michalon-Fliklid Memorial Scholarship.

In an effort to bring her courses to life, MacKay enrolled in the UVic Co-op Program and completed work terms with the Whyte Museum of the Canadian Rockies, the Autism Society of Nova Scotia, Mountain Galleries at the Fairmont in Whistler, and the Whistler Museum. "I am grateful to have worked with so many different organizations," she says. "Each work term taught me new skills." Since completing her studies, MacKay has moved back to Whistler where she accepted a full-time position with Mountain Galleries, her previous co-op employer. As the gallery's assistant manager, she is having a real impact on operations. "I am excited that within six months of graduating, I am managing a gallery," she says. "It's been amazing."

MacKay is also taking an events management course with Late and Unique Nighttime Alternatives (LUNA) in Whistler, which produces cool, alcohol-free, late night events as an alternative to the bar scene. "My time at UVic has given me the tools I need to take advantage of these opportunities. I look forward to the journey ahead."

Fresh from the source.



CONVOCATION

International business student finds his home in Canada

BY DIANNE GEORGE

While completing his UVic commerce degree, Damir Alnsour helped shape the experience of others by volunteering to introduce new international students to the UVic Business international exchange program. An international student himself, Alnsour arrived at UVic from Jordan and is comfortable in three languages: Arabic, Serbo-Croatian and English.

For his own exchange, he signed up to attend the BI Norwegian School of Management in Oslo. "It was one of the schools I had applied to attend as an undergrad, so it was fun to be accepted for the exchange," he says. "But I am planning to stay in Canada."

Alnsour's decision to stay in this country was also based on his co-op work term experiences and rooted in his overall perception of Canadian society.

"Working after school and on weekends isn't that common for the majority of students who arrive from the Middle East," he explains. "So I didn't have any work experience to add to my resume.

"The co-op advisers were really helpful and encouraged me to think outside of the box by highlighting my differentiating attributes, such as being multilingual. They also suggested that I network as much as possible in order to gain a better understanding of how Canadian social interactions



Alnsour on his co-op term at Hyack Air

differ on a professional footing.

"I was surprised at how easy it was to meet people. In the Middle East, social interactions take on a much more conservative form, and it takes much longer to build strong, lasting and meaningful relationships."

Alnsour completed co-op work terms with Hyack Air and Scotiabank. He liked the banking experience so much that he is now studying the Canadian securities course with the goal of a rewarding career in the financial industry, possibly going on to acquire a master's degree in finance.

For Alnsour, "Canada has definitely lived up to its reputation as a multicultural and welcoming country that fosters individual success and excellence and provides endless opportunities accompanied with hope for a better future."

We have a New Name

Centre for Co-operative and Community-Based Economy

Formerly the BC Institute for Co-operative Studies

We invite you to join us at our OPEN HOUSE

Law student sets sights on defending animals' rights

BY ROSEMARY WESTWOOD

The environmental law program brought Cara Hunt to UVic. But she has ended up dedicating her time on campus to protecting and advancing the rights of animals.

"Animal law is the pre-eminent social justice issue of our time," says Hunt. "More people are going vegan and vegetarian every day."

Animal law is any legal issue, legislation or case law that relates to animals and their interests.

Hunt, 35, graduates with numerous awards and scholarships. She sits on the executive of the animal law section with the BC Branch of the Canadian Bar Association, and she is a past executive director of the Student Animal Legal Defense Fund.

In 2008 Hunt won the Advancement of Animal Law Award from the Animal Legal Defense Fund. Her research has been published in *The Advocate*—the journal of the Vancouver Bar Association.

Originally from Kentucky, Hunt came to UVic with a bachelor's degree and graduate work in psychology already under her belt.

"I didn't know there was anything called animal law," she says.

Then she took a course with associate professor Maneesha Deckha that changed everything.

"She's been a mentor and a good example of someone who thinks about these issues and writes about them and tries to advance animal rights," says Hunt.

The main purpose of animal law as Hunt sees it is to bring the law up to speed with society's changing attitudes towards animals.

Hunt herself believes in the interconnectedness of all life. Her thesis paper on veganism draws from personal experience as a vegan in a meat-eating world and was one of a handful of student works presented at the 2009 International Animal Law Conference in Montréal.

Her most recent work experience focused on creating the first exhaustive review of American laws that deal in any way with animals used in testing. The goal is to use that compilation to update American laws and eventually restrict the use of animals in toxicity testing.

Animal law isn't the only area where Hunt excels. She won this year's MacIsaac & Company Prize in Community Law, given to a student who has demonstrated excellence in working at UVic's Law Centre legal aid clinic.

When it comes to defending animal rights, Hunt walks the walk.

She volunteers with the BC SPCA and helps care for feral and abandoned cats. She's also fostered chickens that were past their egg-laying years and is working on a vegan organic garden with her husband in their backyard.

Hunt sea kayaks and cycles in her spare time.

"I like to read, even though I've read enough in law school to last me a lifetime."

She recently was hired to do criminal law work for Green & Helme in Victoria.

But there is no doubt about the kind of law she'll end up practising.

"UVic is the best thing that ever happened to me," Hunt says. "I've had my eyes opened to many different issues."

If it weren't for UVic, she says she wouldn't have discovered this passion. Or fallen in love with UVic's hundreds of resident bunnies, which she will miss when she graduates.



Refreshments will be served



Friday November 27th At University House 2 From 2:30-4:30pm



Centre for Co-operative and Community-Based Economy

Hunt with Ruthie, adopted from Cat's Cradle Animal Rescue

CONVOCATION



Grad follows her passion for community involvement

BY VIVIAN KEREKI

Lauren Warbeck credits a passion for her study area combined with a commitment to her professors for her 8.0+ GPA. The women's studies major/environmental studies minor student is one of only four humanities students with such high academic standing graduating this November.

"I was blessed with incredible professors who are invested in their students," comments Warbeck. "I felt like I was valued and my perspectives were valued. I wasn't just another number."

Warbeck describes her relationships with her professors as mentorships. "I am inspired by the way they speak and live and discuss their politics." She would like to especially acknowledge Drs. James Rowe and Duncan Taylor in the School of Environmental Studies, and Drs. Jo-Anne Lee, Annalee Lepp, Christine St. Peter and Christine Welsh in the Department of Women's Studies.

Warbeck was born in Red Lake, ON, but has lived in Victoria since she was 15. After attending the University of PEI for the initial part of her post-secondary studies, Warbeck decided to return to Victoria to complete UVic's highly regarded women's studies program.

She felt that combining the two disciplines was a natural choice. "I think there is an important connection between social justice work and environmental justice work. Many of the same themes run through both social and environmental problems. I think that has a lot to do with isolation and a lack of egalitarianism in our culture."

During her time at UVic, she has been an active member of the UVic community as well as the larger Victoria community. She was the co-coordinator of the Women's Studies Equity and Outreach Committee in 2007–08, she teaches bicycle mechanics at Victoria High School (from which she graduated), and she worked with the Bike Lab Society to co-found the Free Hub Bike Cooperative, a non-profit bike shop. She also makes videos to promote cycling.

In May 2009, Warbeck was recognized for her efforts with one of eight UVic Blue and Gold Awards (see *The Ring*, May 2009).

Warbeck doesn't see a defined path for her career but is confident that her many interests will continue to allow her to realize her beliefs. Some possibilities for her future: developing a cooperativestyle housing community, filmmaking, law school, mediation or farming.

In the meantime, you can find Warbeck riding around town on her second-hand Biemmezeta bike or serving tasty treats at Bastion Square's Rebar restaurant.

From UVic to the lions' lair

BY AMBER McMILLAN

"Lion vomit might just be the worst smell in the world." That juicy tidbit is just part of the ongoing education of geography master's student Mary Smulders. Smulders won't be on hand to receive her MSc degree during Fall Convocation because she's busy conducting research on lions in Kenya.

Smulders came to UVic in 2007, and has been involved in the geography department's Spatial Pattern and Analysis Research (SPAR) Laboratory, examining the spatial-temporal habitat use of grizzly bears in the Alberta Rocky Mountains.

Starting out with no background in biology, Smulders completed a highly praised thesis examining how grizzly bears use habitat and how habitat use changes through time as female bears have cubs.

Asked about her experience at UVic, Smulders notes the lasting relationships she developed with her classmates and her supervisor, Dr. Trisalyn Nelson, adding, "My MSc field work was also a highlight of my time at UVic." She spent two weeks in the Alberta Rocky Mountains climbing in and out of grizzly bear dens and exploring characteristics such as vegetation, climate and slope of the terrain.

She was also able to hone her research skills by working on projects involving various branches of the Canadian government, including the Pacific Forestry Research Centre.

Encouraged by Nelson to attend academic conferences, Smulders presented her research at two national conferences in Fernie, BC, and an international conference in Las Vegas.

Born in Vancouver and raised in Toronto, Smulders chose UVic because of the "fantastic masters opportunity



Smulders with a captured lion

with Dr. Trisalyn Nelson." Another reason was locale. "One of the wonderful opportunities about living on the West Coast is the range of outdoor recreational activities available," she says. "I love snowboarding, biking, running, kayaking, hiking and camping."

"Mary is the type of student that a supervisor is happy to see succeed but very sad to see go," says Nelson, who praises her willingness to take on a challenge and see it through.

Smulders is currently conducting research on lions in Northern Kenya,

where she assists with lion captures, taking body measurements, organizing blood and tissue samples, and helping attach GPS and radio telemetry collars to monitor lion movement. For now, Smulders explains, "I hope to use spatial analysis techniques learned from my MSc to model lion movement in relation to thorn enclosures, called bomas, where herders keep their livestock. With this information we hope to better examine the relationship between lions, livestock and herders as lion predation on cattle often results in their death."

SAYERS CONTINUED FROM P.1

of Business Dr. Ali Dastmalchian. "The Faculty of Business has wanted to connect with her for years, and we are very pleased she has agreed to work with us to expand our understanding and connections with the Aboriginal community."

Sayers will be working closely with students and faculty members to raise awareness of issues and challenges related to Aboriginal economic development, and she will contribute her considerable knowledge and experience to the university's ongoing research in this field. She's also writing a book about the treaty process and the transformation of Premier Gordon Campbell on this topic. "We are very pleased to welcome Ms. Sayers to UVic Law," says Dean of Law Donna Greschner. "She has a wealth of knowledge to share with our students. The faculty is a leader in Indigenous legal education and has a long tradition of offering innovative programming and leadership in this area. Her appointment continues that tradition."

Sayers holds a business degree and was one of the first Indigenous law school graduates of the University of British Columbia. She practised law for 18 years in Alberta and British Columbia and has extensive experience working with international agencies and government bodies to advance the causes of First Nations rights, sustainable development and Aboriginal title issues. She was Chief of the Hupacasath First Nation in Port Alberni for 14 years, acted as its chief negotiator for many years, served as president of the Upnit Power Corporation and was also elected to the political executive of the First Nation Summit in 2006 for a two-year term.

Her many honours include the 2008 Silver Medal in Climate Change from the Canadian Environmental Association and induction into the Canadian Aboriginal Business Hall of Fame. She was twice honoured with a Woman of Distinction Award from the Alberni Valley Chamber of Commerce.



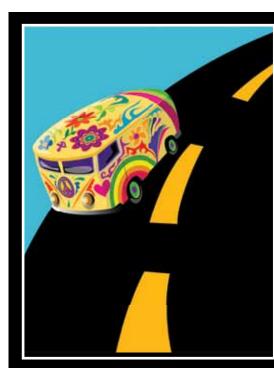
Warbeck. PHOTO: VIVIAN KEREKI

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Retread

The next Camosun continuing education course calendar arrives December 5.

> Email cecalendar@camosun.bc.ca if we can mail you a copy.



beyond the ring

News on post-secondary education across Canada and around the world.

38,000 more students at Canadian universities

The economic downturn is a key factor in a 4.1-per-cent rise in undergraduates and a 7.2 per-cent increase in graduate students across Canada, reports the Association of Universities and Colleges of Canada. There are approximately 870,000 full-time students enrolled in universities—733,500 in undergraduate programs and 136,500 in graduate programs—an increase of 29,000 and 9,000, respectively, since last fall. These figures include an additional 7,000 full-time international students gained this year. For UVic enrolment figures, see boxed item below.

More: http://www.aucc.ca/publications/media/2009/enrolment_10_22_e.html

SFU facing \$9-million in red ink

Simon Fraser University is anticipating a \$9-million deficit for the 2010-11 fiscal year. In order to balance next year's budget, the SFU administration is considering 3- to 5-per-cent cuts across all vice-presidential portfolios, with the larger cuts being made mostly to non-teaching and non-research services in both academic and non-academic units.

More: http://www.sfu.ca/sfunews/news/story_10220903.shtml

UBC addressing \$25-million shortfall

The University of British Columbia is planning to address a \$25-million shortfall and deliver a balanced budget for fiscal 2010-11. The university plans to address \$16 million of the deficit through 3-per-cent reductions in administrative and central academic allocations and 2-per-cent cuts to faculties. Additional measures proposed include reducing building operations allocations and campus-wide contingencies.

More: http://www.president.ubc.ca/ (see "Fall 2009 HEADS UP meeting")

UVic achieves record enrolment numbers

UVic has the highest fall term enrolment it has ever had. UVic's Office of Institutional Planning and Analysis reports that undergraduate headcount enrolment as of Nov. 1 was 16,475 (up 636 or 4 per cent from last year), graduate enrolment is 2,858 (up 265 or 10 per cent), for a total headcount of 19,333 (up 901 or 5 per cent).

Under the old student information system the Nov. 1 enrolment snapshot was for the entire winter session, including anyone registered for the fall along with students who were registered only for the spring. Under the new system, Banner, term-based registrations have replaced session-based registrations and represent exactly how many registered students there are at UVic for the current term.

cadboro bay merchants





Dynamic duo join Office of **Campus Planning and Sustainability**

BY MELANIE GROVES

Since assuming their new positions over the summer in the Office of Campus Planning and Sustainability, sustainability coordinators Rita Fromholt and Teresa Waddell have worked out a tag-team approach to tackling the extensive range of campus initiatives outlined in the 2009-14 Sustainability Action Plan for Campus Operations. They both bring a wealth of experience and passion to their new roles.

Fromholt was the administrator of the Centre for Addictions Research of BC (CARBC) at UVic before moving to her current job, where she focuses on sustainability communications and outreach. She brings many years experience with environmental non-profit groups, including Ecotrust Canada, the Suzuki Foundation and UVic's own Common Energy, and sits on the CRD's Roundtable on the Environment.

Fromholt's fall to-do list includes projects related to transportation, purchasing and waste management. Her work involves frequent collaboration with on- and off-campus organizations such as the UVic Students' Society, the UVic Sustainability Project, Community Green Drinks and the Victoria Car Share Co-op.

Waddell takes on more of the office's research and reporting functions, particularly on projects related to energy and climate change, green buildings and grounds/storm water. A UVic alumna, Waddell is happy to be back on campus following stints with the Oak Bay Climate Change Task Force and CRD Roundtable on the Environment and CRD Climate Action Program.

She credits a course during her UVic undergrad career with sparking her interest in climate change. "It was an Environmental Studies course on energy, ecology and politics in partnership with the Institute for Integrated Energy Systems," she says.



Sustainability coordinators Teresa Waddell (left) and Rita Fromholt. PHOTO: UVIC PHOTO SERVICES

"Ever since, I've been hooked on working to change the way we use energy. In this job I can apply my awareness of the critical challenges we're facing and get to feel like I'm making a difference. It's really rewarding."

Waddell is currently working on the university's greenhouse gas emission inventory and carbon-neutral action report, a statutory requirement that addresses UVic's emissions in the areas of energy, paper use, building and fleet operations and actions taken to reduce these emissions. She is also responsible for regular indicator reports gauging the university's progress on the Sustainability Action Plan.

Both coordinators are looking forward to the first meeting of the Sustainability Advisory Committee, a group of students, staff and faculty who will work together to advise on the implementation and monitor the

progress of the Sustainability Action Plan. Other current projects include upgrading campus water fountains to allow the filling of water bottles and improving the recycling program in residences, in collaboration with the Waste Reduction Unit.

"I see ourselves as change agents for sustainability," says Fromholt. 'We don't need to be experts in green building design or transportation management, but we do have to understand how the pieces fit together in order to inspire positive change on campus. It's exciting."

Upcoming events: Sustainability Dialogues speaker series, co-sponsored by Office of Campus Planning and Sustainability and Continuing Studies, Thursdays Nov. 5-26, at www. continuingstudies.uvic.ca.

More info on sustainability at UVic: http://web.uvic.ca/sustainability/

UVic 2009 United Way in final stretch The UVic 2009 United Way campaign Way campaign committee member and has been responsible every year

thermometers are heating up toward boiling point with events taking place across campus.

The annual UVic Libraries' book sale raised a whopping \$13,522 last month, well over its \$10,000 target. The UVic 2009 United Way campaign goal is \$275,000 and as of press-time, we are more than halfway to that target.

Everyone who fills out a pledge form is eligible for fabulous draw prizes including day-kayaking for two, a limited edition Emily Carr print, passes to a set of Salmon Kings games, and a grand prize of two tickets to a Vancouver Canucks hockey game and weekend accommodation in Vancouver. Sheila Adams (medieval/religious studies) knows a thing or two about prizes, and it is people like her who are the gift behind the giving. Adams is actively involved as a UVic United

for compiling the fantastic list of annual draw prizes, thanks to the willing generosity of our service sponsors.

Adams also helps organize the annual UVic Hearts and Hands Craft Fair, which takes place on Nov. 17 from 10 a.m. to 4:30 p.m. in the University Centre lobby.

It's an early opportunity for great gift-giving ideas and meaningful deals before the holiday rush next month. The craft fair hoisted its first set of stalls in November 2001, with founding members Helen Rezanowich (women's studies), Deb Renney (human resources) and Annette Barath (psychology). Rezanowich is currently one of three committee cochairs along with Lynn McCaughey (cooperative education and career services) and Adams. Proceeds from registration fees and gift basket raffle go to the United Way campaign.

UVic chemistry profs Drs. Alex Brolo and Scott McIndoe are stepping up to replace legendary Dr. Reg Mitchell (aka "Dr. Zonk") who retired last year, so get ready for a science spectacle with stunning neon pyrotechnics and quickly extinguished explosions. That Chemistry Show takes place at 7 p.m. on Nov. 18 in the Bob Wright Centre. Tickets are \$9 in person from the UVic box office. Online details: http://auditorium. uvic.ca/contact.html

The Sep. 21 kick-off BBQ, the Sep. 27 VW Bug Push and the Nov. 3 Chillin' for Charity dunk tank event raised money for the campaign, and the campus coin drive continues to rattle up a lot of change for a good cause. Coming up in December: the plasma car race, the Commerce Students' Society garage sale plus ongoing Vikes United Way events.

Smuggler's Cove Pub 2581 Penrhyn St. Reservations 477-2688 (lunch and dinner) www.smugglerscovepub.com

More UVic United Way information: http://unitedway.uvic.ca

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calendar highlights

Events free unless otherwise indicated.

For a complete list of events, visit the online calendar at www.uvic.ca/ events

at the galleries www.maltwood.uvic.ca 250-721-6562

Exhibit *Ted Harrison: Painting Paradise.* Until Nov. 29. This exhibition honours one of our country's most beloved painters and celebrates the launch of Katherine Gibson's biography of Harrison. Legacy Art Gallery and Café. 630 Yates St. 250-721-8298

Exhibit *Inside Chinatown: Paintings by Robert Amos.* Until Jan. 17. These 20 acrylic paintings resulted from the photographic images that Amos recently published in his book *Inside Chinatown.* Legacy Art Gallery and Café. 630 Yates St. 250-721-8298

Exhibit *Travels and Treasures.* Until Jan. 29. Two views on foreign travel: "Divine Inspirations" focuses on artist Katharine Maltwood and her travels to Egypt and Japan in the early 20th century; "Treasures of the Turcomans" features jewelry, textiles and carpets made by nomadic women in Iran and Baluchistan (northern India/Pakistan) during the 1930–40s. Maltwood Art Museum and Gallery. UVic Centre B115. 250-721-8298

at the theatre www.phoenixtheatres.ca 250-721-8000

Romeo & Juliet Nov. 5-21. By William Shakespeare. Directed by Brian Richmond. Ticket info: 250-721-8000

FRIDAY, NOVEMBER 6

Music 12:30 p.m. *Fridaymusic*. School of Music brass students. MacLaurin B125. 250–721–7904

Music 8 p.m. *University of Victoria Chamber Singers*. Contemporary music for unaccompanied voices. Christopher Butterfield, director. MacLaurin B125 250-721-7904

THURSDAY, NOVEMBER 12

Equity & Human Rights Workshop 1 p.m. Creating Inclusive and Respectful Workplaces: Rooting out Personal Harassment. BEC 402. 250-721-8486

FRIDAY, NOVEMBER 13

Music 12:30 p.m. *Fridaymusic*. School of Music percussion students. MacLaurin B125. 250-721-7904

TUESDAY, NOVEMBER 17

Craft fair 10 a.m. *UVic Hearts and Hands Craft Fair.* Handcrafted items created by UVic students and staff. UVic Centre Lobby. 250–721–6365

Other 5 p.m. *Positive Space Network's Fall General Meeting*. A visible network of students, faculty, staff and alumni working to make UVic a safer and more inclusive space for people of all genders and sexualities. SSM A102.

WEDNESDAY, NOVEMBER 18

Other 1 p.m. *Creating Spaces*. A campaign to make UVic a more welcoming and supportive community for all dimensions of diversity. ASB 120. 250-721-8486

Lansdowne Lecture 7 p.m. *Stalin and Asia*. Prof. Hiroaki Kuromiya, Indiana Univ. Strong C108. 250-721-7505

Lecture/Seminar 8 p.m. *Visiting Artist Program presents: Michael Morris.* Visual Arts Bldg. A162. 250-721-8011

THURSDAY, NOVEMBER 19

Lansdowne Lecture 7 p.m. *Is Consciousness Sparse or Rich and Why Does it Matter?* Dr. Ned Block, New York Univ. SSM A104. 250–721–7512

FRIDAY, NOVEMBER 20

Other 12 p.m. *UVic GeoCache*. University wide Geo-Cache scavenger event and party. Bring your GPS or iPhone

and a sense of adventure. SS&M foyer 250-472-6520

Music 12:30 p.m. *Fridaymusic*. School of Music composition students. MacLaurin B125. 250-721-7904

SATURDAY, NOVEMBER 21

Music 8 p.m. *UVic Jazz Ensemble(s)*. Anita Bonkowski, director. Special guest: TBA. MacLaurin Bldg. B125. Tickets \$5-10. 250-721-7904

TUESDAY, NOVEMBER 24

Cafe Scientifique Lecture 6:30 p.m. *Stealth, Evasion and the Heart of Darkness: The Story of African Sleeping Sickness and the Shaping of the African Continent.* Dr. Terry Pearson. Strathcona Hotel, 919 Douglas St. The Maple Room. 250-472-4067

WEDNESDAY, NOVEMBER 25

Centre for Studies in Religion & Society Lecture 4:30 p.m. One God, Two States, or One God, One State? Religion, Israel/Palestine and the "Two-State" vs. "One-State" Debate. Andrew M. Wender, UVic. Strong C116. 250-721-6325

THURSDAY, NOVEMBER 26

Centre for Studies in Religion and Society Lecture 7 p.m. How a Muslim Sees the World: An Interpretation of Islamic Art. Erica Dodd, UVic. UVic Centre A180. 250-721-6325

Music 7:30 p.m. *Orion Guest Seminar with Mimi Zweig.* Mimi Zweig, String pedagogy specialist, Indiana Univ. MacLaurin B125. 250-721-7904

FRIDAY, NOVEMBER 27

Music 12:30 p.m. *Fridaymusic*. School of Music keyboard students. MacLaurin B125. 250-721-7904

Music 8 p.m. *UVic Wind Symphony*. Dr. Gerald King, conductor. Tickets \$5-14. UVic Centre Farquhar Auditorium. 250-721-8480

SUNDAY, NOVEMBER 29

Music 2:30 p.m. *Chamber Music Ensembles.* String ensembles from the studios of the Lafayette String Quartet and Yariv Aloni. MacLaurin B125. 250-721-7904

ringers

UVic writing alumni **Deborah Willis** (Vanishing and Other Stories) and First Nations poet **Philip Kevin Paul** (Little Hunger), along with writing department chair **Joan MacLeod** (Another Home Invasion), are finalists for the prestigious Governor General's Literary Awards. The 2009 recipients will be announced on Nov. 17 in Montréal. Past UVic award winners include Tim Lilburn (Poetry, 2003), Don MacKay (Poetry, 2000, 1991), Lorna Crozier (Writing, 1992), Joan MacLeod (Drama, 1991), Jack Hodgins (Writing, 1979), Patrick Lane (Writing, 1978), Stephen Scobie (English, 1980), Jan Zwicky (Philosophy, 1999). More info: http:// www.canadacouncil.ca/prizes/ggla

Kane Kilbey has been appointed associate vice-president human resources, effective Dec. 1. He comes to UVic from the Vancouver Island Health Authority where he served most recently as corporate director, HR consulting services; interim vice-president, human resources and organizational development; and interim corporate director, wellness and safety services. He has a BA from UVic and an MBA from UBC.

antidote: Multiracial and Indigenous Girls and Women's Network is the recipient of the Award of Excellence for Cultural Heritage and Diversity from the BC Representative for Children and Youth. A community grassroots organization, antidote emerged from a participatory action research project with Dr. Jo-Anne Lee (women's studies) and included faculty from the School of Child and Youth Care. A not-for-profit organization of over 150 Victoria girls and women of diverse cultures and backgrounds, antidote has a unique intergenerational structure that uses creative multimedia approaches (documentaries, theatre, photography, poetry, art) to raise public awareness while building leadership skills and social justice activism among members. Info: www.antidotenetwork.org

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University of Victoria

"I am thankful for the bursary that I received; it allowed me to spend more time working on my final project. It's inspiring to be the recipient of someone's generosity."

UVic Photo Services

ringers

Patrick Lane (writing, adjunct) and Penny Draper (bookstore) are winners of this year's Victoria Butler Book Prizes. Lane won for his debut novel *Red Dog, Red Dog.* Draper's *Graveyard of the Sea* won the Bolen Books Children's Book Prize.

Acclaimed nature writer **Don Gayton** has been appointed Haig-Brown Centennary Writerin-Residence in the Faculty of Fine Arts and will devote time to mentoring young or beginning writers whose interests are both literary and ecological. He delivered the 2009 Haig-Brown public lecture, "Canadian by Nature: Conflict and Paradox in our Relationship with the Natural World" on Oct. 22. For coverage, visit *ring.uvic.ca*

Brad Buckham (mechanical engineering) is the recipient of one of the first British Columbia Innovation Council entrepreneurship fellow awards. He is leader of the West Coast Wave **Collaboration Program that collects** and analyses information on the wave energy potential at Amphitrite Bank off Ucluelet. Buckham is also co-inventor of the SyncWave Power Resonator (www.syncwavesystems. com) that harnesses wave energy for sustainable power generation. As part of his award Buckham will receive \$20,000 to be used for education or commercialization initiatives at UVic. Tech entrepreneur and academic Gerri Sinclair was also named a recipient of the award. More info: http://www.me.uvic.ca/ Faculty/BBres.html

Victoria ultramarathoners Robert Mackay (athletics and recreation) and Donald Peterson ran seven marathon distances in seven days (a total of nearly 300 km) starting on Oct. 5 and ending at the finish line of the Royal Victoria Marathon on Oct. 11 to raise awareness and funds for the Big Brothers/Big Sisters of Victoria. Mackay and Peterson are no strangers to multi-day racing. Both participated in the Gobi March in 2007 as well as numerous ultramarathons. By the end of 2009, the two hope to raise over \$10,000 for the organization. To donate: www.bbbsvictoria.com

Ian McDougall (professor emeritus, music) will be honoured as a member of the Order of Canada during a ceremony at Rideau Hall on Nov. 5. A renowned trombonist and composer, McDougall has had a distinguished career as a musician, bandleader and teacher, and was instrumental in developing the jazz program at UVic. He is an esteemed and dedicated mentor whose students now rank among the top trombonists and teachers in the country.

day in the life

"I like to make everyone happy with their choice of food, and I like to put a smile on their faces."



BY TARA SHARPE

A DAY IN THE LIFE of Pierrette Brideau can include cooking up to 80 paninis per day at the Sci Café, including the most popular "All Canadian Melt" ham-and-cheese. She also makes calzones, soups and salads, and does twice-daily appliance and food safety temperature checks.

But Pierrette's day starts long before her shifts in any of the campus food outlets. She's up each weekday before 6 a.m. to take care of a specialneeds child, getting to his house by 6:30 a.m. to wake him up, make his breakfast, get him ready for his day program and ensure he gets to his bus stop by 7:30 a.m. "Then he's on his way for the day!" Pierrette usually works in the Sci Café from 8:30 a.m. until 4 p.m. and she says her day "is all about the timing." She's constantly checking the clock to keep on top of class changes. The busiest months are naturally September through April, and the busiest times are always at class change.

On weekends between March and December Pierrette also operates her own business, "That Frozen Lemonade," a stand at the Swartz Bay ferry terminal. Working with her business partner, she also serves coffee and mini donuts. In her spare time, Pierrette plays baseball and "loves" her motorcycle—a 600 cc Honda Shadow. She rode it up to Port Alberni this September with 2,000 other bikers with toys in their saddlebags, to bring goodies to kids in need for their annual toy run.

Born and raised in Tracadie, NB, Pierrette grew up speaking Acadian French in an extended family of eight plus ten nieces and nephews.

In August 2002, she decided to pack up her car and move to Victoria. On the first day of her trip, she hit a moose. Her Pontiac Sunbird was totalled and she was air-lifted to hospital, but that didn't stop her from moving to Victoria by November. "And I'm here to stay. Nothing is stopping me from staying here. I love it!"

Nothing stops her from making Christmas presents each year for family back East, either. She's already busy knitting this year's batch of slippers.

According to Pierrette, the most

satisfactory part of her job is the interaction with people. She likes to "get to know the regulars. I like to make everyone happy with their choice of food, and I like to put a smile on their faces." She thinks it's great when customers smile and say thanks. And interacting with people is exactly why she's planning a trip to Japan in mid-December: "I've always wanted to know what life is like there."

The Day in the Life series features the diversity of UVic employees who, often working behind the scenes, contribute so much to university life. To suggest someone to profile, contact Robie Liscomb (721-7640 or robie@uvic.ca).



Rewind, reuse, recycle

Stephen Wylie, UVic's surplus asset coordinator, shows off surplus recording media before it is shipped to a local recycling facility. The kinds of media that can be recycled include hard drives, cell phones, PDAs, cameras, computer tape reels, audio cassettes, video tapes, CDs and DVDs, floppy discs and voice recorder tapes. For data security, all recorded media are shredded prior to recycling. Since taking up his new position in UVic's purchasing department two years ago, Wylie has expanded the scope of the campus electronic recycling program and held regular on-campus and online sales of surplus assets. "I take things that other people think have no value, and find their residual value—either by discovering a new use for them or recycling them," he says. Wylie can be contacted at swylie@uvic.ca. PHOTO: UVIC PHOTO SERVICES

In memoriam

Biology Professor Emeritus Alan P. Austin died on Sept. 29 of complications arising from Parkinson's disease. For 40 years Alan used his expertise in marine biology, phycology and freshwater ecology to build a research and teaching program encompassing aquatic sciences, ecology, water quality, pollution biology and aquaculture. He strove to understand the interactions within natural ecosystems and how we could use that knowledge to reshape the environment. Alan believed in Aldo Leopold's notion of an ecological conscience—a sense of our individual responsibility for the health of the land and its capacity for self-renewal. His research, focusing on local and regional issues in collaboration with government scientists, included macro-algal inventories; health assessments of Vancouver Island lakes, rivers and streams affected by mining, logging and urban development; as well as the effects of waste water effluent on pristine mountain streams. The past decade has vindicated Alan's foresight regarding the magnitude of global threats to humanity. Following more than 20 years of basic ecological teaching and research, Alan shifted his focus to integrating the insights derived from understanding nature with a new ethos of human development in step with nature. He embraced Victor Hugo's observation that "Nothing else in the world ... not all the armies

... is so powerful as an idea whose time has come." He is survived by Nana, his wife of 50 years, son Jason and his wife Deanna, grandchildren Danielle, Joseph and Caitlyn. Alan's wisdom, pursuit of truth and advocacy for wildlife will be missed by his colleagues, students and friends.

Submitted by Wm. Patrick Lucey, friend and former colleague

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