



University  
of Victoria

## SPEED READING

FROM THE WHITE HOUSE  
TO UVIC

### Ocean engineer to head NEPTUNE Canada

The new director of the NEPTUNE Canada ocean network is Dr. Kate Moran, a world-renowned ocean engineer who is completing a two-year term as assistant director in the White House Office of Science and Technology Policy in Washington, DC. Moran starts her five-year term with NEPTUNE Canada in September. She succeeds founding director Dr. Chris Barnes, who retired on June 30. NEPTUNE Canada, part of the University of Victoria's Ocean Networks Canada Observatory, is the world's largest and most advanced cabled ocean network. Story: p.3

CENTRE FOR ATHLETICS,  
RECREATION & SPECIAL  
ABILITIES

### Board gives green light to new facility

UVic's Board of Governors has approved funding for the construction of the Centre for Athletics, Recreation and Special Abilities and the renovation of the McKinnon Building. The \$59-million project will include a performance gymnasium, field house and a state-of-the-art fitness and weight-training space, room for teaching and research for the Department of Exercise Science, Physical and Health Education and research and development space for CanAssist. Story: p.2

DIVING INTO HISTORY

### UVic assists in search for Franklin's ships

The search for the lost ships of Sir John Franklin, *HMS Terror* and *HMS Erebus*, will get some help this summer from UVic researchers and technology. In 1845, the ships set sail to explore the Northwest Passage but after 18 months they disappeared. In August, researchers from UVic's Ocean Technology Lab will be using their specially designed Bluefin-12 autonomous underwater vehicle to help Parks Canada search in the area off Nunavut's King William Island. More: <http://bit.ly/jw2IZM>

TOTEMS ON CAMPUS

### Eagles coming home to roost

This summer, Kwakwaka'wakw artist and Hereditary Chief Tony Hunt Sr. will be replacing two carved eagles stolen in 2003 from the top of *Eagle on Decayed Pole*, a landmark UVic totem pole standing with its companion pole, *Raven Soaring*, at the southwest corner of the UVic quadrangle. Hunt worked closely with his father, Henry Hunt, to carve the pole in the 1960s. Photo: p.6

UVic undergraduate student Jason Michaud (Germanic and Slavic studies) at permanent exhibition "Kraków under Nazi Occupation 1939-1945" in Oskar Schindler's factory in Krakow, Poland. PHOTO: LAUREN MICAELA PETERSEN



## FRESHMAN'S WHARF WINS A LEO

P.7

# THE RING

JULY 2011

The University of Victoria's  
community newspaper

ring.uvic.ca



BC Premier Christy Clark looks on as CanAssist researcher/writer Luke Melchior demonstrates CanConnect technology at the funding announcement on June 27. They are talking to CanAssist operations manager Amy Kilmer, on the screen at left. PHOTO: UVIC PHOTO SERVICES

CANASSIST FUNDING

150+

NUMBER  
OF UNIQUE  
ASSISTIVE  
TECHNOLOGIES  
DEVELOPED BY  
CANASSIST SINCE  
ITS INCEPTION IN  
1999

## Government funding boost for assistive technology projects

BY ELSA YAN

On June 27, BC Premier Christy Clark visited campus and announced a \$3.5-million grant from the Ministry of Health for two innovative projects involving technology that will help seniors and people with disabilities remain as independent as possible. One partner in the projects is CanAssist, a University of Victoria organization dedicated to improving the quality of life and promoting the independence of those with

disabilities. It focuses on developing practical, customized technologies that are not commercially available and innovative programs that address unmet community needs.

The first project, Connect for Care, is being developed through a unique partnership between CanAssist, TYZE Personal Networks and the PLAN Institute for Caring Citizenship at a cost of \$3 million. The remaining \$500,000 will support CanFITT (CanAssist: Facilitating Independence Through Technology), a partnership be-

tween CanAssist and the Vancouver Island Health Authority (VIHA).

"Our government is committed to putting in the proper supports for seniors and people with disabilities so that they can increase their independence," said Clark. "We want to support families and communities in planning for the future, and this funding will help provide state-of-the-art devices to help eliminate challenges and create these opportunities."

SEE CANCONNECT P.5

I-WITNESS HOLOCAUST FIELD SCHOOL

## The eye of history

BY TARA SHARPE

Mounds of leather trunks. Thousands of prosthetic limbs. Streets dotted with brass stones carved with names.

These are some of the images now part of the personal history of nearly two dozen University of Victoria students after a visit to Central Europe in May. The I-witness Holocaust Field School, launched by the Department of Germanic and Slavic Studies this year, was held in Germany, Poland and Austria.

The new field school explores how the sights, memories and history of the Holocaust (*Shoah* in Hebrew) have been preserved, and it helps build a deeper understanding of anti-semitism, religious intolerance, homophobia and stigmatization of mentally and physically challenged communities, and how the lessons of that time are relevant today. UVic is the only

Canadian university offering a course of this kind for undergraduate students.

The inaugural class was composed of 19 undergraduates and four graduate students from a range of disciplines. The first week took place at UVic including guest lectures, followed by 20 days in Europe. The group, including the program's founders—UVic professor Dr. Helga Thorson and project director Michael Gans, a UVic graduate student—arrived in Berlin on May 8.

The site visits included Berlin's Memorial to the Murdered Jews of Europe, Jewish Museum, Roma-Sinti Holocaust Memorial, Gay Holocaust Memorial and Weißensee Cemetery; the former Sachsenhausen and Ravensbrück Concentration Camps and other memorial sites in Germany; the Galicia Jewish Museum in Krakow; the Auschwitz-Birkenau Memorial and

SEE HOLOCAUST P.7



# around the ring

## Do you have a verve for vinyl?

Hundreds of LPs in great condition are going for a song at UVic Library's upcoming record sale. Classical, opera, jazz and pop albums are \$2 each, with all proceeds going to the United Way of Greater Victoria. The sale runs from 9 a.m. to 5 p.m. outside McPherson Library on Wednesday, July 27. To donate or for information, call 250-472-4977 or email [jeanmac@uvic.ca](mailto:jeanmac@uvic.ca).

## Researchers help save Ontario community's water supply

In the small Ontario towns of Fergus and Elora, population and water use are expected to double between 2008 and 2040. The University of Victoria's POLIS Water Sustainability Project has developed a proposed water "soft path" strategy for the region. The strategy outlines steps to achieve water sustainability over the next 30 years and is a model that can be adapted for other communities. More info: <http://bit.ly/mSrnw>

## CENTRE FOR ATHLETICS, RECREATION AND SPECIAL ABILITIES

# Board gives green light to CARSA facility

UVic's Board of Governors has approved funding for the construction of the Centre for Athletics, Recreation and Special Abilities and the renovation of the McKinnon Building.

Among other features, the \$59-million project will include a performance gymnasium, field house and a state-of-the-art fitness and weight-training space. It will greatly enhance UVic's health-related research and educational programs by providing room for teaching and research for the Department of Exercise Science, Physical and Health Education.

The 11,600-square-metre facility will also include research and development space for CanAssist—a UVic organization that develops and delivers technologies, programs and services that improve the quality of life of those with disabilities. It is unique in North America.

The facility will involve an approximately \$20-million investment from the university with the remaining funds coming from sponsorship, partnerships, external fundraising efforts and non-mandatory user fees.

Associate Vice-President Student Affairs Jim Dunsdon says building a new centre—rather than just renovating the aging McKinnon and Ian Stewart buildings to try to bring them up to standard—makes financial sense. The renovations would cost the university \$27 million and UVic would still have buildings that were lacking in fundamental ways.

"We're excited about this important step forward," says Dunsdon. "With funding approval, we're on the way to providing more learning and research opportunities for students, remaining competitive in recruiting the best and brightest students, supporting UVic's tradition of athletic excellence, and increasing our ability to address the growing physical activity and recreational needs of UVic students, faculty and staff, and community users."

The project is still in the early stages but is expected to open in about three years. A formal announcement outlining the details of the project vision will be made in the fall.

# Crozier named to Order of Canada

Lorna Crozier (writing) has been named an Officer of the Order of Canada by Governor General David Johnston. One of Canada's most beloved and talented poets, Crozier became a Fellow of the Royal Society of Canada in 2009 and won UVic's Craigdarroch Award for Excellence in Artistic Expression in 2010.



Crozier. PHOTO: GARY MCKINSTRY.

She has published 15 books of poetry and has received numerous awards—including the Governor General's Literary Award, a pair of honorary doctorates for her contributions to Canadian literature and designation as a University of Victoria Distinguished Professor.

She will be honoured at a special celebration at Rideau Hall in Ottawa this fall, along with a select list of other notable Canadians, including novelist Nino Ricci, comedian Eugene Levy, science broadcaster Bob McDonald and musician Valdy.

The Officer of the Order of Canada recognizes a lifetime of achievement and merit of a high degree, especially in service to Canada or to humanity at large.

Over the last 40 years, more than 5,000 people from all sectors of society have been invested into the Order, including UVic President Dr. David Turpin and School of Music professor emeritus Ian McDougall.

More information: [www.lornacrozier.com](http://www.lornacrozier.com) and <http://www.gg.ca/document.aspx?id=72>

# Volunteers are the building blocks of community at UVic Family Centre

BY BRYNA HALLAM

After years on the job, the UVic Family Centre's volunteers are definitely part of the family.

Once a week for eight years, a group with the Garth Homer Society Community Access Team (CAT), which sets up volunteer opportunities for adults with developmental disabilities, comes to the centre to wash the toys.

For Brenda Crawford, who has been visiting the Family Centre with Edmond Choy, Scott Young and support worker Carla Lingard for about a year, volunteering is a way to contribute to the community and gain independence. "I like coming here," she says. "It's something to do."

It also teaches job skills, and Crawford says volunteering helped her get a job at a local coffee shop.

As Young points out, there's the social aspect, too—the chance to talk to people and find out about them. A favourite topic this spring, especially

for Choy, was hockey.

But one of the biggest draws, Young says, is the chance to do meaningful work and help out. Crawford agrees.

"I like helping the kids, cleaning the toys so they don't get germs and get sick," she says.

The Family Centre appreciates the help, and sees the CAT group as an important part of the team.

"To have the toys cleaned is so important to us when we have kids four and under and everything goes in their mouth," says Elizabeth Quong, the centre's director.

The Family Centre runs playgroups, classes and after-school programs for UVic families, and depends on volunteers to help it run.

"One of the reasons we're using volunteers a lot is that we don't have staff time," she adds. "Volunteers enable us to do so much more."

But more than that, she appreciates the sense of community created by bringing volunteers into the Family Centre.



From left: Scott Young, Edmond Choy, Brenda Crawford PHOTO: BRYNA HALLAM

"We've become friends," she says of the current group of CAT volunteers. "It's really been wonderful."

Support worker Lingard agrees. "For us, it's about giving back to com-

munity and making connections around Victoria," she says. "It's nice to see that people with developmental disabilities are valued and can contribute to society."

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**DAVE LYNN**

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Monthly Income Based on \$100,000

**REGISTERED RETIREMENT INCOME FUND (RRIF)**

	AGE	55	60	65	71	75	80
Minimum Payout *		\$238	\$278	\$333	\$615	\$654	\$729
Total Payout to Age 100		\$180,318	\$164,998	\$151,285	\$136,718	\$130,798	\$122,645
Accelerated Payout:							
Income over 5 years		\$1,799					
Income over 10 years		\$968					
Income over 15 years		\$693					
Total 5 year payout					\$107,908		
Total 10 year payout					\$116,108		
Total 15 year payout					\$124,690		

\* Based on best current GIC of 3.05%. Returns will vary depending on investment vehicle.

**LIFE ANNUITIES**

	AGE	55	60	65	71	75	80
<b>Male</b>							
...payments cease at death		\$523	\$576	\$654	\$802	\$904	\$1,117
...10 years guaranteed		\$515	\$561	\$623	\$711	\$774	\$882
<b>Female</b>							
...payments cease at death		\$487	\$528	\$588	\$696	\$787	\$983
...10 years guaranteed		\$484	\$521	\$573	\$660	\$724	\$835
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# Molecular machinations



Hof. PHOTO: NIK WEST

## UVic research takes aim at an aggressive form of prostate cancer

BY PEIGI MCGILLIVRAY

Fraser Hof is on the hunt for ways to stop a killer. No, he's not a policeman or a crime scene investigator. But he is a detective of sorts.

Hof is a medicinal chemist at the University of Victoria and he's hot on the trail of a molecule in our bodies that, when accidentally activated, can lead to a particularly aggressive form of prostate cancer. His mission is to find a way to neutralize it.

The culprit is a protein molecule known as EZH2. It partially controls the development of human embryos where cells divide and multiply at an astonishing rate—faster than at any other time of life. Once cells mature, EZH2 switches off and growth slows down. But sometimes the EZH2 protein molecule is accidentally switched on again, and mature cells start to grow and divide much faster than they should. This is bad news, because the

growth is usually cancer.

"About half of those who develop prostate cancer have high EZH2 activity," says Hof. "These patients are more likely to develop aggressive kinds of prostate cancer that spread to other parts of the body, resist normal treatment, and are often fatal even after the prostate has been removed. Finding a way to stop the out-of-control growth is crucial."

Recently, Hof and his team made a breakthrough discovery—they created a molecule that binds to another molecule essential for EZH2 activity and turns it off in the test tube. It's a critical first step in demonstrating that a drug that blocks EZH2 activity might also block tumour growth and aggression.

"There's still a lot of work to do—probably eight to 10 years—before this discovery could become a drug for use on humans," says Hof. "Right now, we're working to make our ex-

perimental compounds stronger and more selective so that eventually, the drug we create will be more effective in combating this aggressive form of cancer."

Hof's research promises to have substantial impact beyond improving treatment for prostate cancer. As the Canada Research Chair in Supramolecular and Medicinal Chemistry, Hof studies how molecules bind together.

"We design, make and study molecules to see how they're structured and how they bond with each other in biological settings—lessons that have the potential to improve a wide range of medical treatments."

Hof collaborates closely with several biochemistry and cancer research laboratories so that his discoveries can be translated directly into practical advances in the treatment and understanding of disease.

Hof is training future scientists

to advance our understanding of supramolecular chemistry. Working with fellow UVic chemist Jeremy Wulff, he recently developed a new course in biological and medicinal chemistry that combines lectures with computer-based experiments using some of the most sophisticated software currently in use in the field.

"Students are involved directly in developing new drug candidates," says Hof. "It's exciting to think of the contributions they'll be able to make in the future."

Some of the funding for Hof's research comes from the Westcoast Ride to Live, an annual, family-oriented motorcycle ride where participants gather pledges. All money generated by this event is directed to prostate cancer research in BC.

"It's great to know that the money people donate in BC is contributing to advances in treatment right here in the province," says Hof.

## Ocean engineer to head NEPTUNE Canada

The new director of the NEPTUNE Canada ocean network is Dr. Kate Moran, a world-renowned ocean engineer who is completing a two-year term as assistant director in the White House Office of Science and Technology Policy in Washington, DC.

Moran starts her five-year term with NEPTUNE Canada in September. She succeeds founding director Dr. Chris Barnes, who retired on June 30.

NEPTUNE Canada is the world's largest and most advanced cabled ocean network. It and the VENUS coastal network make up UVic's ONC Observatory, which is managed for the university by Ocean Networks Canada (ONC).

"We are delighted to attract someone of Kate's international calibre," says Dr. Martin Taylor, ONC President and CEO. "She brings to NEPTUNE Canada a wealth of international experience through her engagement with the International Ocean Drilling Program and her leadership as chief scientist on many major research cruises and expeditions."

In her White House role, Moran advised the Obama administration on the oceans, the Arctic and global



Moran

warming. She was seconded to the position from a faculty appointment at the University of Rhode Island where she was a professor of oceanography and associate dean of the Graduate School of Oceanography.

"Earth observation networks are critical for understanding the Earth system, particularly in the oceans as they become further impacted by climate change and in seismically active areas, such as Canada's west

coast," says Moran. "I am honoured to be selected as the new NEPTUNE Canada director and excited about joining an extraordinary team that not only had the vision, but also the collective abilities to build the world's first deep ocean cabled network."

Moran holds degrees in marine science and engineering from the University of Pittsburgh, the University of Rhode Island and Dalhousie University. Her research focuses on marine geotechnics and its application to the study of paleoceanography, tectonics and seafloor stability. She has authored more than 45 publications.

Moran has led several major oceanographic expeditions, including the first drilling expedition to the Arctic Ocean in 2004. The following year she led the first expedition to find the source of the earthquake that caused the 2004 Indian Ocean tsunami. She has also made major contributions to the assessment of hazards in Canada's offshore regions.

At UVic, Moran will be a tenured full professor in the Faculty of Science with an adjunct appointment in the School of Earth and Ocean Sciences.

## around the ring

### Help Peer Helping celebrate 25 years

Have you been positively affected by the UVic Peer Helping program? Are you a former UVic peer helper? The UVic Peer Helping program is turning 25 years old in 2011 and plans are under way for celebrating this unique student leadership and peer support program. Counselling Services, operator of the program, is seeking contact with former volunteers, staff or students who have been touched by the program. If you are interested in sharing memories and impressions of the program's impact on your personal and professional development, or on the campus at large, please contact emason@uvic.ca. More: [www.peerhelping.uvic.ca/](http://www.peerhelping.uvic.ca/)

### Many of us biked to work

UVic was again a major sponsor of the annual Bike to Work Week, May 30-June 5. Faculty, students and staff accounted for 44 of the total 615 teams registered in the Victoria area. The university hosted two free bike skills courses and two celebration stations, with free refreshments, bike tune-ups, bike engraving and prize draws. Participation at all celebration stations in Victoria was much higher than in past years. The Commuter Challenge saw 20 cyclist/driver teams race each other to see who could get downtown first. Fifteen cyclists won by an average of 2-3 minutes, proving that cycling is a very efficient way to commute. Check the website of the Office of Campus Planning and Sustainability for cycling-related news and resources throughout the year. <http://bit.ly/o4JvB0>

### UVic staff connected

The first UVic all-staff conference, Connect U, attracted over 500 participants to a multitude of professional development sessions in the Cadboro Commons Building on June 1 and 2. Even before it started, the event engaged 120 staff in its design and delivery. "The support and enthusiasm for the Connect U conference was overwhelming," says conference chair Janice Johnson. "The feedback is so positive that we are looking at hosting another conference in 2013." Video recordings of the keynote speakers' presentations and session presenters' slides and notes are now available on the Connect U website. [www.uvic.ca/connectu](http://www.uvic.ca/connectu)



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Bob Reimer

# ringers

Two new associate deans and half a dozen new department chairs have assumed their duties as of July 1. **Dr. David McCutcheon** is the new associate dean of the Gustafson School of Business and **Dr. Margot Wilson** is now associate dean of the Faculty of Graduate Studies. Freshly minted chairs include: **Dr. Lloyd Howard** (Hispanic and Italian studies), **Dr. Hiroko Noro** (Pacific and Asian studies), **Dr. Neil Burford** (chemistry), **Dr. Stephen Johnston** (Earth and ocean sciences), **Dr. Sean Hier** (sociology) and **Dr. Fayed Gebali** (electrical and computer engineering). Current UVic academic leadership list: <http://web.uvic.ca/vpac/leadership/lists.htm>

**Andrew Schloss** (music) is the latest UVic faculty member presented on the BC government's Year of Science website as a featured scientist. His work with electronic musical instruments is described in words, photos and a video. Other UVic faculty members among the featured scientists include **Drs. Florin Diacu** (mathematics), **Kim Juniper** (earth and ocean sciences), **Michael Masson** (psychology) and **Ned Djilali** (mechanical engineering). <http://bit.ly/pMMnjw>

Four University of Victoria senators were elected by members of the UVic convocation in voting that took place between June 13 and June 27. Elected to a three-year term commencing Jan. 1, 2012 are: **Nav Bassi** (UVic Systems), **Linda Hannah** (MA'87, PhD'06), **Robbyn Lanning** (nursing), **Cathy Whitehead McIntyre** (MBA'98). Voting results: <https://webvote.uvic.ca/results.php>

**Rich Chambers** is the new head coach of the University of Victoria Vikes women's basketball team. Chambers has been head coach of the Canadian junior women's basketball squad since 2008. He previously coached at Terry Fox High School in Coquitlam, and at Simon Fraser and UBC.

**Oliver Brandes** has been invited to the Council of the Federation's Water Partner Advisory Committee to provide advice to its Water Stewardship Council. The Water Stewardship Council is comprised of one senior government official from each province and territory. It will provide information and strategic advice to premiers on key trends, issues and opportunities related to Canada's water resources. More details: <http://poliswaterproject.org/news/415>

## ANTIMATTER MATTERS

# UVic at the forefront of global particle physics experiments

BY TARA SHARPE

Try to imagine holding one trillion subatomic particles between two cupped hands. The elaborate movement of subatomic particles would of course be invisible to the naked eye. For years, UVic experts have been tracking the complexities of this elusive behavior using sophisticated equipment, and in recent months, their research has brought us even closer to holding the answers to the beginnings of the universe and its building blocks.

After the Big Bang, matter and antimatter were present in equal amounts, but now matter dominates. In simple terms, antimatter is like a "film negative" of matter. Matter and antimatter should have annihilated each other after the Big Bang with nothing left but pure energy. Why we are still here and where the rest of antimatter went are two of the biggest questions of particle physics.

Thanks to the T2K experiment in Japan, we get yet another hint. In the mid-1960s, a tiny but definite difference was detected between matter and antimatter, proving the two are not completely symmetrical. Recent T2K findings relate to a ghostly particle, the neutrino, which was caught "flip-flopping" during experimentation. The spontaneous flip of one type of neutrino into another could help

explain the asymmetry.

"This result gives the first indication that neutrino mixing is complete, which could be the key to understanding the matter-antimatter paradox," says UVic's Dr. Dean Karlen (physics and astronomy), the R. M. Pearce Professor of Physics and one of the T2K project leaders.

The T2K milestone was announced June 14 by TRIUMF, Canada's national lab for particle and nuclear physics. TRIUMF was co-founded by UVic, UBC and SFU in the 1960s.

In Europe, UVic remains in the centre of the world's biggest science experiment. The 27-km Large Hadron Collider, buried 100m underground near Geneva, is a giant ring built by the European Laboratory for Particle Physics (CERN) to accelerate beams made up of trillions of protons into deliberate head-on collisions.

The UVic ATLAS team was responsible for designing and building several crucial components, in collaboration with TRIUMF colleagues, of one of two large detectors that records the collision debris. The data from the LHC is rapidly accumulating, and the UVic team is getting ready in the build-up to the 2011 Europhysics Conference on High-Energy Physics, a major international conference taking place this summer in France.

On June 15, Dr. Rolf-Dieter Heuer,



R—L: Dr. Dean Karlen (physics and astronomy), TRIUMF postdoc Dr. Kendall Mahn, and UVic PhD student Casey Bojcheko working on one of the 3 Time Projection Chambers for installation in Japan.

director general of CERN, received an Honorary Doctor of Science from UVic. Canada is not a member of CERN, but Heuer was visiting Canada in hopes of changing that. For more than two decades, UVic experts have contributed to CERN-based projects, and UVic continues to be at the forefront of the quest to track and analyze the mysterious movements of matter and antimatter, explore space and time, and probe the possible existence of new dimensions.

Earlier this year, UVic established

the Victoria Subatomic Physics and Accelerator Research Centre (VISPA). "We're very excited about VISPA, which builds on the longstanding strength of particle physics research at UVic and positions us to take it to the next level," says Dr. Bob Kowalewski, chair of UVic's Department of Physics and Astronomy. Karlen is the centre's director.

Further info on UVic subatomic research, including the ARIEL experiment, the BaBar collaboration and the new STEHM telescope, is available by searching *The Ring* website.

# Ray Siemens on the digital humanities and the future of the book

BY DANICA BOYCE

What do new reading technologies, such as the e-book, mean for the future of the humanities? Dr. Ray Siemens, Canada Research Chair in Humanities Computing, posed this question at the University Club on June 28, as the guest speaker at the UVic Alumni Association's Annual General Meeting. This emerging field, at the intersection between computational methods and the humanities, could determine to a large degree the future of reading and interpretive practices.

Siemens began by outlining the past and present role of the humanities in academia, saying a chief function of the humanities is "to understand human experience over time in the context of the present, and at the same time to flip that around and suggest that we can understand the present in the valuable context provided us by human experience over time—not just yesterday, not 10 years ago, but hundreds—thousands of years."

Thus, he says, "humanities scholarship is not just about knowing books from the past, or plays from the past, or understanding inscriptions on ancient vases. It's about the value inherent in being able to bring to bear

pertinent elements of the past on our experience of the present and to be able to comprehend elements of the present through the lens of the past."

Siemens noted that the field of digital humanities doesn't only address the modernization of books through the use of digital technology, but also contributes valuably to the development of emerging digital technologies through reflection on the history of books.

He showed his audience how information technology's lineage has depended heavily on work done by humanities scholars, recalling that in the early days of computing and during the development of the internet, computer scientists drew inspiration from data retrieval systems previously used, in one case, to catalogue and describe early manuscripts and printed books and, in another, to navigate vast bodies of text in print form via tools such as concordances—in use for centuries by scholars wishing to document and navigate the voluminous works of authors like Thomas Aquinas and John Milton, as his examples showed.

On the topic of e-books and dedicated electronic readers, Siemens remains ambivalent. He expressed a mixture of excitement and worry about the possibilities presented by liter-



Siemens. PHOTO: UVIC PHOTO SERVICES

ary digitization, saying that product developers try to simulate what book lovers desire in an object, but that so far, these devices are "a pale reflection" of the traditional book. "An electronic document has a different functionality from the printed page. For instance, it is only recently that we have begun to be able to write in the margins of an e-book." His general opinion? "I believe the book is here to stay, and what's best about the book will be brought into the world of the e-book—over time."

Siemens is distinguished professor in the Department of English, specializing in Early Modern texts. He also contributes to the Department of Computer Science, and heads the SSHRC-funded "Implementing New Knowledge Environments" project (INKE), a research group that seeks to investigate the many questions produced by this dynamic and burgeoning intersection between information technology and the humanities.



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# Exploring human lysosomal storage diseases

UVic research offers new promise for future treatments of genetic diseases

BY MINA TAWADROUS

Dr. Francis Choy and his team at UVic's Centre for Biomedical Research are investigating three rare, inherited diseases that affect young children and for which there are, as yet, no affordable and reliable treatments.

All three diseases—Gaucher disease, Sanfilippo syndrome and glycine encephalopathy—involve the inability to produce certain enzymes necessary for intracellular structures called lysosomes and mitochondria to digest and eliminate used material.

People with Gaucher disease, a lethal condition, lack an enzyme responsible for breaking down a particular fat and preventing its accumulation in such essential organs as the spleen, liver, bones and brain. Although rare, Gaucher disease is the most common form of lysosomal storage disorder, affecting an estimated 1 in 50,000 people; however, the frequency is far greater in Eastern European Jews, estimated to be 1 in 850 people.

A promising project currently under way in Choy's lab relies on the expression of a human synthetic (recombinant) enzyme fused to a special protein that can act as a vehicle to transport the enzyme through the blood-brain barrier. Ultimately, this method may lead to new opportunities for therapeutic treatment of Gaucher disease within the brain.

Choy's research lab is using a similar method in its work on Sanfilippo syndrome. People with this condition lack an enzyme needed for the breakdown and disposal of certain sugar chains. Few affected children survive beyond their teens. There is no effective treatment. Choy's research aims at producing the missing enzyme and delivering it to the target organ—the brain.

The third inherited disorder, glycine encephalopathy, is a lethal disease caused by the body's inability to break down glycine, an amino acid that builds muscle and converts sugars into energy. It is generally diagnosed during late infancy and shows itself in jerky seizures and delays in development, progressing to difficulty in breathing, requiring artificial respiration. Those who do not die during the first year of life develop profound intellectual disability and seizures

that are difficult to treat.

Choy is using synthetic DNA technology to produce a protein component of this enzyme complex and deliver it to vital organs of the body.

One of his graduate students, Agnes Zay, earned the Lieutenant Governor's Silver Medal for her master's thesis on this disease (see <http://ring.uvic.ca/07jun07/zay.html>). Zay synthesized the protein, enabling researchers to produce it in large quantities—a first and critical step towards developing an inexpensive diagnostic test for the disorder. The results of Zay's trials are expected to aid in the diagnosis of glycine encephalopathy during future prenatal screening.

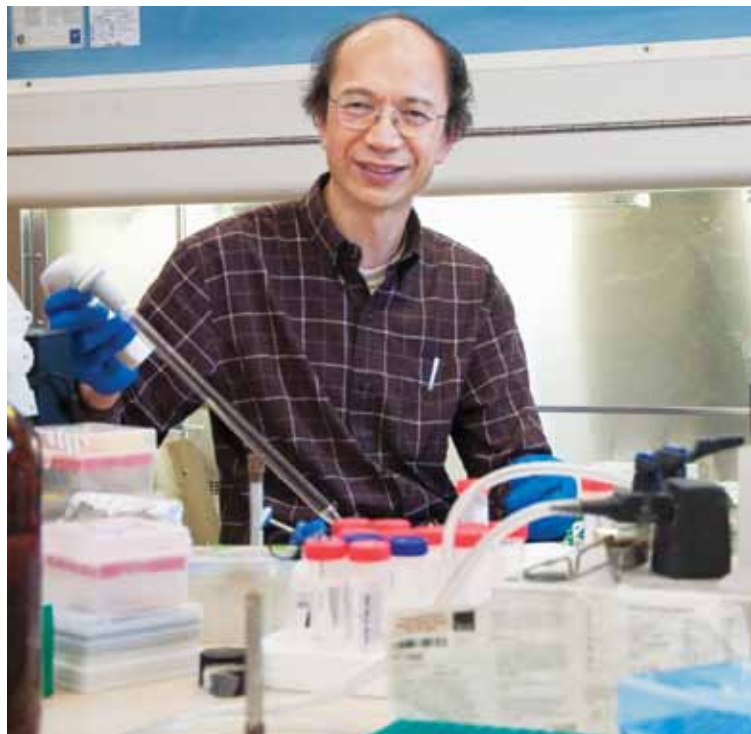
A former PhD student of Choy, Dr. Graham Sinclair, is supervising the development of a program for screening every newborn in BC for 22 genetic diseases plus eight secondary conditions. As a biochemical geneticist and clinical laboratory scientist for the Newborn Screening Lab at BC Children's Hospital, Sinclair has overseen the expansion of the program from three to 30 screened disorders as of 2011.

Choy frequently serves as a consultant to the BC government and various medical centres across Canada in order to predict which patients affected by genetic diseases might benefit from an enzyme supplement treatment.

"It is an exciting time to study these storage diseases, particularly as a result of recent advancements in stem cell research and gene studies," says Choy. He adds that this work helps researchers understand the disease mechanisms in addition to possibly shedding light on related disorders. And the study and comparison of various symptoms may lead to potential drug targets for use in treatment.

"I am not only here as a scientist but also to motivate and inspire students," says Choy. "Supervising graduate and post-doctorate students and teaching undergraduate students—watching them experience the acquisition and creation of knowledge, and build their confidence—that is my best reward."

More information: [http://cbr.uvic.ca/index.php?option=com\\_content&task=view&id=54&Itemid=76](http://cbr.uvic.ca/index.php?option=com_content&task=view&id=54&Itemid=76)



Choy. PHOTO: UVIC PHOTO SERVICES

# Breath-controlled gears help cyclist bring home gold



March with CanAssist engineering team (L-R): Greene, McGuire, Von Schilling, Fry. Photo: Tanya Switucka

BY ANNE TOLSON

In 1988, Karen March was in a car accident that changed the course of her life—suddenly the bright, active 20-year-old was facing life in a wheelchair as a quadriplegic.

Yet the path she chose, through an incredible triumph of determination, was the racetrack. Over the years, the Victoria resident has become a highly accomplished athlete who has competed in wheelchair sports all over the world, including the 2004 Paralympics in Athens.

Most recently, March's passion has been paracycling, in which competitors use their arms to power a three-wheeled racing bike in often long and gruelling road races. In June, she earned two gold medals at the UCI Paracycling World Cup in Spain, aided by two devices developed by CanAssist at the University of Victoria.

"I will say it over and over—if not for the system CanAssist made for me, this would have never happened," says March. "I had pure confidence in my shifting and braking systems. My shifting system is truly miraculous."

March approached CanAssist back in December, along with her coach and husband, Peter Lawless.

They explained how March was at a huge disadvantage in her racing category: unlike her peers, she doesn't have the fine motor dexterity in her hands to be able to control the brakes and gears located on the bike's handlebars. Whenever she wanted to change gears or apply the brakes, she had to unclip her gloved hands from the bars, slowing down her racing time considerably.

The engineering team's first step was to find a way for March to shift gears while keeping her hands clipped onto the handlebars.

"We had to create something that would let her arms stay locked in, but would let her shift gears when she needed to," explains Peter McGuire, an electrical design specialist.

Working with a commercial electronic gear system, he and Paul Greene, a work-study student, interrupted the existing wiring and installed a "sip-n-puff" device that would allow March to change gears using her breath. By sipping or puffing into two tubes positioned near her mouth, she could easily shift her bike's front and back gears.

The next step was to find a way for March to brake without disengaging her arms from the handles.

CanAssist's Brandon Fry and co-

op student Ken Von Schilling came up with a plan for a new housing and brake system that incorporated a one-way ball bearing device. The result is that the bike's brakes are engaged by pedalling backwards—the same way an old-fashioned single-speed bike operates. The difference is that because March's bike has many gears, making this work was extremely complex.

"All the changes were made with the goal of helping Karen to be more competitive," says Fry.

In the end, March won a major race in Montréal in May, and went on to win the two gold medals in Segovia, Spain, in June. These wins earn Canada valuable points for the London Paralympic Games in 2012, in which March hopes to compete.

Her coach, Lawless, says that paracycling racing categories are determined by disability level and, until now, someone with March's degree of disability could not have raced at the Paracycling World Cup.

"Karen is effectively breaking open the entire class to all of the quadriplegic racers out there," says Lawless. "Without CanAssist I can say with complete certainty that Montréal and Spain wouldn't have happened and, as a consequence, London wouldn't be the target."

## CANCONNECT CONTINUED FROM P.1

Connect for Care will be a fully accessible suite of online tools that will improve the coordination of health-care services and strengthen personal support networks for seniors and people with disabilities across the province. These networks will be patient/client centred and managed. They will connect health-care providers, clients, their families and significant others. Connect for Care will include video chat features, mobile collaboration tools and secure systems for sharing personal and healthcare files.

The project will utilize research from the PLAN Institute, while TYZE Personal Networks will take the lead in working with CanAssist to develop and implement Connect for Care.

"No one should have to face illness, caregiving or disability on their own," says Vickie Cammack, TYZE CEO. "This funding will assist friends, family and neighbors across the province to connect, collaborate and care for one another."

During the announcement, the

premier had an opportunity to test CanConnect (one of the tools in Connect for Care) with CanAssist staff member Luke Melchior. CanConnect is a simplified Skype interface that allows someone who is unfamiliar with computers or is unable to use a keyboard or mouse, to make phone calls over the internet. Luke, who has Duchenne Muscular Dystrophy, demonstrated the use of the system with a finger-switch.

The second project, CanFITT, will provide customized technologies to a select group of VIHA clients with significant physical and cognitive disabilities, including individuals supported by Choice in Supports for Independent Living (CSIL).

"We are delighted to have the opportunity to work with VIHA on this important project," says Robin Syme, CanAssist assistant director. "Our shared goal for CanFITT is to demonstrate how technologies can be leveraged to increase independence, support early discharge from

hospital, reduce the requirements for one-on-one home support resources, and improve the quality of life of individuals involved in the pilot project."

Established in 1999, CanAssist was founded by Dr. Nigel Livingston, a former forest biology professor who has a daughter with special needs. Since its inception, CanAssist has developed more than 150 unique technologies and has provided direct assistance to hundreds of clients across Canada.

"CanAssist is a great example of a faculty member's initiative that has grown to make UVic a national leader in the development of innovative technologies for people with disabilities," says UVic President David Turpin. "With this generous support from the BC government, CanAssist and its community partners will continue to create practical and empowering tools to help special needs individuals and their families overcome the challenges they face."

More information: [www.canassist.ca](http://www.canassist.ca)

# calendar highlights

Events free unless otherwise indicated. For a complete list of events, visit the online calendar at [www.uvic.ca/events](http://www.uvic.ca/events)

## at the galleries

[uvac.uvic.ca](http://uvac.uvic.ca)  
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■ **Exhibit** Until Sept. 28. *Lords and the Land: Stone in Late Saxon East Anglia*. This exhibition documents the relationship between stone and tenurial authority in tenth- and eleventh-century Norfolk, Suffolk and Cambridgeshire. A photo essay by Dr. Michael F. Reed, University of Guelph. Mearns Centre/McPherson Library. Maltwood Prints and Drawings Gallery at the McPherson Library. 250-721-8298

## MONDAY, JULY 18

■ **Lansdowne Lecture** 3 p.m. *The Challenge of Sustainability*. Dr. Simon Levin, Moffett Professor of Biology and director of the Center for Biocomplexity, Princeton University. Much of Levin's work concerns the evolution of diversification, the mechanisms sustaining biological diversity in natural systems, and the implications for

ecosystem structure and functioning. Hickman 105. 250-721-7354

## WEDNESDAY, JULY 20

■ **Other** 1:30-2:30 p.m. *I-witness Holocaust Field School*. Exhibition of photographs and presentations by several participants. Michael Audain Gallery, Visual Arts Building. <http://web.uvic.ca/geru/iwitness/> 250-853-3893

■ **Other** 4:30 p.m. *The History of the Mass*. Join us to learn about the history of the Mass. For more information contact the Catholic Chaplain, Fr. Dean Henderson, catholic@uvic.ca. Chapel. 250-721-8339

■ **Other** 9 p.m. *Astronomy Open House*. July 27 and Aug. 3, 10, 17, 24, 31. Bob Wright Centre, 5th floor. Parking S2. 250-721-7700

## WEDNESDAY, JULY 27

■ **Other** 9 a.m. to 5 p.m. *UVic Libraries United Way Record Sale*. Classical, opera, jazz and pop albums are \$2 each, with all proceeds going to the United Way of Greater Victoria. Just outside McPherson Library. To donate or for information, call 250-472-4977 or email [jeanmac@uvic.ca](mailto:jeanmac@uvic.ca).

## Write to us

The *Ring* welcomes letters on issues of concern to the university community. Letters should be signed with university community affiliation noted and not exceed 500 words in length. The editor reserves the right to select letters for publication and to edit for style, grammar and length.



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## EAGLES RETURN TO ROOST

# Kwakwaka'wakw artist Tony Hunt Sr. restores landmark UVic totem pole

Companion totem poles *Eagle on Decayed Pole* and *Raven Soaring*, located in the southwestern section of the university quad, stand sentinel over UVic's central campus green space. In 2009, an unknown person scaled *Eagle on Decayed Pole* and removed two eagle sculptures from the pole's zenith. This summer Kwakwaka'wakw artist and Hereditary Chief Tony Hunt (shown above, inspecting the condition of the pole) will be working in situ at UVic to reinstate the birds to the pole's roost. Hunt worked closely with his father, Henry Hunt, to carve the poles as part of the Royal BC Museum Thunderbird Park carving program in the 1960s. The poles are of significant artistic, cultural and historical value to the university, various local communities and the province. During the restoration process, Hunt will be providing Robbyn Lanning (nursing) and Caroline Riedel (Maltwood Art Museum and Gallery) insights into the history of the poles as well as his artistic process, which they will share with *Ring* readers in a forthcoming article. PHOTO: ROB BARTON

# Biology co-op students study raccoons in unorthodox "office"

BY SASHSA GRONSDAHL

Instead of a cubicle, Thomas Diesch and Ashley Currie call the picturesque Gulf Islands their office. And instead of pushing paper, they trap raccoons, document songbirds and pluck crabs out of the ocean.

It's all in a day's work for the two biology students who are spending the summer as research associates with UVic adjunct professor Dr. Michael Clinchy. Under the supervision of Clinchy and grad student David Hope, Diesch and Currie are researching raccoons in the Gulf Islands, collecting data on their location and numbers and the impact they have on songbirds and inter-tidal species.

Funded by a Natural Sciences and Engineering Research Council of Canada grant, Clinchy has just begun work on this topic. Diesch and Currie are collecting data from islands in the Gulf Islands National Park Reserve, and the research will eventually be used by Parks Canada to develop a conservation strategy that lessens the impact raccoons have on other species.

This summer, the co-op students will try to determine which of the Gulf Islands have raccoons. On a typical workday they hop in their little red boat and jet through the islands, settling on the one that will be their workplace for that day. Because crabs are a favourite food of raccoons, they



Biology co-op students Thomas Diesch and Ashley Currie. PHOTO: SASHSA GRONSDAHL

begin with a "crab walk," skirting the rocky shore looking for crabs along the shoreline and measuring the ones they find. They also scour the shoreline for crab shells, called carapaces, that appear to have been cracked open by hungry raccoons.

The students also gather data on the impact of raccoons on songbird populations. They listen for and document the songs of birds that nest close to the ground, where they are easy prey for raccoons. The information Diesch and Currie record is preliminary data that may inform future decisions in the research project.

They have unusual hours to suit their unusual office. Sometimes the

research team will set out for a work night instead of a work day in order to actually see their research subjects. They shine a spotlight along the shores of the islands, counting the number of raccoons (or raccoon eyes) they see. Throughout the summer, the students will also help trap and tag raccoons.

There are 35 Gulf Islands on their list to tackle this summer. It's a lot of work, but Diesch and Currie are happy to spend their co-op term so close to nature. Both students appreciate the opportunity for hands-on fieldwork that co-op has provided. "We're spending four months hiking and camping," says Diesch. "Actually being out here and seeing what it's like is awesome."

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# Freshman's Wharf wins Leo Award

BY JOHN THRELFALL

UVic's Department of Writing can now add the words "award-winning" to the description of its acclaimed web series, *Freshman's Wharf*. The 10-episode, student-created, online comedic show beat out four other entries to win Best Web Series award at the 12th annual Leo Awards on June 11.

"In some ways, producing *Freshman's Wharf* was painstakingly challenging," says co-producer Julia Dillon-Davis. "We were a group of students trying to film a web series that required a sailboat, an airplane, a tandem bike and half-naked professors dancing around a bonfire. The success of the series is really just indicative of our collective desire to create art."

Originally created as a class project, *Freshman's Wharf* evolved into a for-credit directed studies writing department course with 10 episodes being created, performed and shot by a mix of UVic students and alumni. Written by Rachel Warden, and mentored by writing prof. Maureen Bradley and digital media staffer Daniel Hogg, *Freshman's Wharf* offers a light-hearted look at first-year student life at UVic.

"It's a perfect fusion of research and teaching, a creative production

engaging with the next generation—and that's exactly what we're supposed to be doing," says Bradley, an award-winning filmmaker herself. "Our goal is to create innovative new media that's Vancouver Island-based, and to engage students in our research creation, so it really was perfect."

"I've had more fun on *Freshman's Wharf* than any other student initiative," says Eliza Robertson, who played the female lead, and was recently shortlisted for the Journey Prize for an unrelated writing project. "That might be why none of us expected to win: we've all enjoyed the experience so much that any concrete success is just whipped cream and cherries on top."

Writer Rachel Warden, as well as Bradley, Hogg, Dillon-Davis and Robertson, were all in attendance at the gala Leo event, which was hosted by award-winning humorist and CBC personality Bill Richardson at Vancouver's Fairmont Hotel.

The Leo Awards are an annual project of the Motion Picture Arts and Sciences Foundation of British Columbia and celebrate excellence in artistic achievement in BC's film and television industry.

See *Freshman's Wharf* episodes: [www.youtube.com/watch?v=BaETaAhnB\\_k](http://www.youtube.com/watch?v=BaETaAhnB_k)



UVic's Leo winners (from left): Daniel Hogg, Julia Dillon-Davis, Maureen Bradley, Rachel Warden (not shown, Eliza Robertson)

## HOLOCAUST CONTINUED FROM P.1

Museum in Poland; and the former Mauthausen Concentration Camp and the Schloß Hartheim castle in Austria.

At Auschwitz, hallways are lined with encased piles of belongings such as artificial limbs and suitcases. In Vienna, another reminder is underfoot. Thousands of small stumbling blocks (*Stolpersteine*) are now scattered amidst the cobbles and paving stones in streets across Germany, Austria, Czech Republic, Hungary, Italy and The Netherlands. The brass stones are stamped with the names of those who were deported or persecuted. The day of their site visit, Thorson found the *Stolperstein* bearing her own great-grandmother's name.

"The cultural life of Jews before all this happened, and where they fit in, are very important aspects of this course," says Gans. And 70 years later, "the Holocaust is the moral and ethical question of our time. It touches on every aspect of our lives."

This was a crucial instructive element of the field school, and the lesson is much sharper than stubbing a toe on one of the stumbling stones. The I-witness group witnessed racism during their trip; for instance, a tour guide in Krakow made an antisemitic comment. "We are now eyewitnesses," says

Thorson, hinting at the play on words of the field school's name. Her tone is wholly serious: "The students said they'd moved from being observers to being eyewitnesses of the memorialization process."

One student recalls her experience in the Auschwitz-Birkenau museum: "It was poorly lit and chilly down in the cellar; being unable to leave caused a sense of powerlessness and slight panic. This feeling was incomparable to what actual prisoners felt during their time in Auschwitz and in this very jail. I was not forced to stand; I was not alone, or in complete darkness."

Upon returning to Canada, the students are expected to share their experiences through formal presentations and discussions. On Wed., July 20, the public is invited to a special exhibit by several of the I-witness students. The event will take place from 1:30 to 2:30 p.m. in the Michael Audain Gallery in UVic's Visual Arts building.

Visit <http://bit.ly/qbAdFE> for a more detailed version of this story, including excerpts from the trip's blog.

The next field school is May 2012. Application deadline Nov. 1. Info: <http://web.uvic.ca/geru/iwitness/>



Karima Ramji presents the University and Colleges Team Trophy to Dr. Reeta Tremblay

## Staff and students take steps to end global poverty at World Partnership Walk

Five kilometres, positive team spirit and a shared goal of fighting global poverty—these were the key ingredients to UVic's participation in the 2011 World Partnership Walk (WPW), held May 29 at Beacon Hill Park.

More than 25 UVic staff, students and their families took part in the WPW event, which is Canada's largest fundraiser aimed at fighting global poverty. The UVic team walked 5 km along Dallas Road and raised over \$6,000 towards the total of \$200,000. One hundred per cent of these funds will go directly to support community-led social development projects in the most impoverished regions of Asia and Africa.

UVic had a high profile at this year's event—Karima Ramji, Convenor

of the 2011 World Partnership Walk, also serves as international coordinator for the Co-operative Education Program and Career Services. The UVic team won the Top Universities and Colleges Team trophy for Victoria's Walk. Vice-President Academic Dr. Reeta Tremblay accepted the trophy on behalf of UVic, along with Ibrahim Inayatli, Dr. Ali Dastmalchian, Norah McRae and other members of the UVic community.

"Members of the UVic community have consistently supported this event, with teams from various program areas. This year, students from the Gustavson School of Business Sustainability Club also helped manage the waste management program for this green event," says Ramji. "The World

Partnership Walk takes place on the last Sunday in May every year—if you're looking for a volunteer opportunity, it's never too early to start thinking about next year."

"On behalf of a girl in Afghanistan who can access quality education," says Ramji, "on behalf of a farmer in Mozambique whose crop yields have doubled, on behalf of preschool children in Bangladesh who are getting a foundation for lifelong learning and on behalf of a community organizations in Zanzibar who are developing 5-year strategic plans, Aga Khan Foundation Canada and the volunteers of World Partnership Walk wish to thank the UVic community for its tremendous and consistent support."

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# ringers

The Canadian Women's Studies Association has awarded two UVic students the top prizes in its annual Women's Studies Undergraduate Essay Contest, which honours outstanding work produced in WS courses. First place went to an essay by **Sinead Charbonneau** entitled "Space, Power, and Difference: The Murder of Ariana May Simpson," and second place was awarded to **Tara Paterson** for her essay "Choice by Any Other Name: The Abortion Controversy and the Limits of Liberalism." The judges remarked on the "breadth and depth of research, sophisticated analysis, and imaginative and beautiful writing." This is the third time in five years that a UVic WS student has won first prize.

**Dr. Francis Zwiers**, president and CEO of UVic's Pacific Climate Impacts Consortium (PCIC), is the 2011 winner of the Statistical Society of Canada's Award for Impact of Applied and Collaborative Work. Zwiers is cited for his "pioneering research at the intersection of climate science and statistics" and for his "national and international achievements in climate science." Zwiers, an internationally recognized expert in applying statistical methods to climate variability and change, joined PCIC in 2010 after a successful career at Environment Canada.

## day in the life

BY MELANIE GROVES

When Bonnie Hallett joined UVic in 1976 as a night supervisor in the Law Library, it was still part of the McPherson Library. At the time, a day in her life was "amusing because we literally had to walk through the bathroom to get from the library to the classrooms—women would go one way, and men the other."

She became acquisitions supervisor before helping the library move to its current digs in the then-new Fraser Building in 1980. With the support of her long-time supervisor Diana Priestly, Hallett became a student herself in UVic's master's of public administration program, from which she graduated in 1988. In 1991, after a one-year break to work in the public sector, Hallett joined UVic Human Resources and stayed at UVic until her retirement in May this year. "Working in the public sector convinced me that I wanted to be at UVic," she says.

As an HR advisor in the early 1990s, Hallett navigated the world of employee classification and compensation. "It's like a puzzle and you have to put the pieces together while always maintaining the integrity of the system," she



Hallett. PHOTO: UVIC PHOTO SERVICES

notes. She moved into labour relations and worked closely with the campus union reps before entering the administrative realm, focusing on recruitment and training. Hallett became manager of UVic's Employment Services in 2005.

"HR is the sort of place where you have an opportunity to make a difference. It's a crazy and wonderful place to work," she says. Hallett particularly enjoyed working with staff in the administrative services clerical pool, where she was able to assist women who were re-joining the workforce. "It's personally very satisfying to see someone whom I've helped hire doing well. Many of the casual staff have moved on to continuing positions."

Hallett points to recruiting and hir-

ing many great people as a highlight of her career, along with developing the Aboriginal Employee Handbook and integrating diversity training into UVic's leadership training program. She was a member of the team that received a President's Distinguished Service Award for the implementation of the uHire hiring system in 2007.

Informally, Hallett helped countless UVic employees tweak and improve their resumés. She also took the opportunity to further her own skills in the Leadership Victoria training program. Looking back on her 35 years on campus, Hallett chuckles that "Everything has changed in the years I've been here—the buildings, the systems, the people. I see more diversity in the staff, more women in positions of power, and more support

services for staff like the coffee shops on campus."

She is looking forward to more travel in the future, with a summer cruise to Alaska already planned. She will also have more time for her creative passions—as a sewer, weaver, dollmaker and fabric artist—and volunteering. Hallett is involved with Wear2Start, a local organization that provides appropriate interview clothing for young women who are trying to get a foot in the door of the workforce.

"Integrity and respect are the two words that I'd use to describe what I've done while I've been at UVic," she says. "I'll miss the people. You get to meet so many people and build friendships—the people here are fantastic."

## United Way and UVic: Building a strong and caring community

The United Way of Greater Victoria (UWGV) has announced more than \$95,000 in funding to support four initiatives undertaken at UVic.

"The work that we are doing with UVic is ground breaking, and other universities and United Way programs across Canada are looking at this partnership as a blueprint for establishing partnerships with universities" says UWGV Director of Community Investment and Collaboration Chris Poirier-Skelton.

UVic's Office of Community-Based Research will receive \$30,000 for two projects: to place four graduate student interns with Dialogue for

Change, a new citizen-based initiative to inform, enhance and build capacity for UWGV support of long-term healthy community development; and to create an updated Community and University Resource Guide.

The Faculty of Humanities will receive \$26,800 in support of University 101, which offers free, non-credit courses to people who have experience poverty, homelessness, disabilities, discrimination and other barriers to learning.

The School of Social Work will receive \$8,000 to develop a student-led functional literacy outreach program for drop-in clients in the downtown core.

CanAssist will receive \$15,000 to deliver interactive presentations and workshops to middle school students, helping them to develop skills and attitudes that support inclusive relationships and a welcoming school culture and to remove social barriers that can lead to loneliness, bullying and cliques.

The Centre for Youth and Society will receive \$16,010 for an Evaluation Boot Camp to boost the evaluative capacity of youth and family service programs and bring evaluative thinking into the daily life of community organizations.

## A change is in the air.

UVic is committed to providing a safe and healthy environment for students, employees and visitors.

Effective September 1, 2011, smoking will only be permitted in designated areas outside Ring Road.

Look for more information, including a campus map showing the designated smoking areas, at [www.uvic.ca/smoking](http://www.uvic.ca/smoking).

For information or to provide feedback about this initiative, please contact [clearair@uvic.ca](mailto:clearair@uvic.ca).



## A change is in the air: Changes to campus smoking policy

UVic is committed to providing a safe and healthy environment for students, employees and visitors. Beginning September 1, 2011, smoking will only be permitted in designated areas outside Ring Road. Look for the marked benches and new cigarette receptacles in convenient and accessible locations within a three-minute walk of any campus building.

This change follows the 2007 introduction of UVic's Smoking Policy, which prohibited smoking within 10 metres of buildings and structures. The university has continued to receive requests from staff and students to reduce second-hand smoke in their areas of work and study.

Look for more information, including FAQs and a campus map showing the locations of designated smoking areas, on the Occupational Health, Safety and Environment website. To provide feedback about this initiative, contact [clearair@uvic.ca](mailto:clearair@uvic.ca).

### So you think you're ready to quit

Human Resources, Health Services and Occupational Health, Safety and Environment are pleased to present "So You Think You're Ready to Quit," a summer lunch-and-learn series for UVic staff and students who want to

stop smoking. In this fun and interactive series participants will learn tools and strategies to support their smoking cessation efforts.

Workshop topics include Creating a Healthier You, Strategies for Success, Smoking Cessation Resources and Products, Nutrition, Stress Management and Physical Activity.

Bring your lunch and bring a friend. Wednesdays from 12-1 p.m., from July 20 to Aug. 31 (no workshop Aug. 24) in Clearihue room A308. No registration required—just drop in.

For more details: [www.uvic.ca/smoking](http://www.uvic.ca/smoking)

