

SPEED READING

Masterminds lecture series continues

Retirement has rarely stopped UVic professors from sharing their rich intellectual knowledge and experiences with communities on or off campus. And if you missed sociologist Fong Woon's talk on April 9, take heart: three talks remain in the 2014 Masterminds free public lecture series. On April 16, mathematician Pauline van den Driessche lectures on how math can help combat medical epidemics. On April 23, Andrew Rippin looks back at four decades of change in the academic study of Islam. And on April 30, exercise physiologist Martin Collis will look at health, humour and happiness to suggest some ways we can all learn to live—not only long, but well.

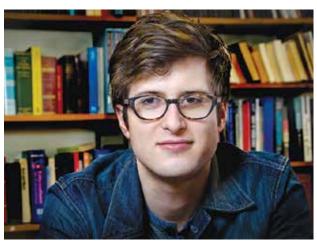


Upgrade your ID card

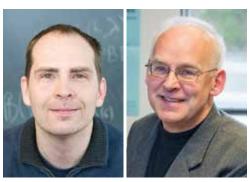
You can do *what* with it? Sign up this month to upgrade to the new UVic ONECard and you might be surprised what you can do with one thin strip of plastic. ONECard will immediately support all the functionality of current ID and food services cards, including tap-and-go payment technology at all University Food Services locations. The new technology also presents a secure technology pathway for the adoption of new services. Sign up for your new card beginning Monday, April 14 at the University Centre Photo ID booth. Full story, page 2.

Psychology student wins UVic's first Three Minute Thesis competition

Don't take our word for it: you'll want to watch the online video to see psychology student Jessica Rourke, a PhD student in psychology, condense years of research into a stunning three-minute presentation. As part of this year's IdeaFest, Rourke, runner-up Samantha Harder (physics and astronomy) and three other finalists from music, computer science and French wowed the crowd in David Lam Auditorium in UVic's first 3MT competition. Full story and video: bit.ly/uvic-3mt



Landels. PHOTO: SUZANNE AHERNE







CRAIGDARROCH RESEARCH AWARD WINNERS

P. 5



Hamm. <mark>PHOTO: UVIC PHOTO SERVICE</mark>

RESEARCH LEADERSHIP

FILLED CANADA

CHAIRS AT UVIC

RESEARCH

Three new Canada Research Chairs announced

Improving aircraft design, understanding the ocean's critical role in climate change, and finding new ways to deal with vast amounts of medical imaging data—these are the pressing societal challenges being tackled by the University of Victoria's three newest Canada Research Chairs.

The three UVic chairs were announced on March 28 by Ed Holder, Minister of State for Science and Technology as part of a national announcement of 59 new chairholders across the country.

A Canada Research Chair designation brings reputational and funding benefits to the researcher and his or her host university. For Tier 1 chairs, which go to researchers considered world leaders in their fields, the university receives \$200,000 annually for the seven-year term. Tier 2 chairs go to emerging researchers who have the potential to lead in their field, and the university receives \$100,000 annually for five years.

A greener future for aviation

"Leaner, greener and safer"—that's the new mantra these days for aerospace systems engineers such as Afzal Suleman. As the Tier 1 Canada Research Chair in Computational and Experimental Mechanics, he's using advanced computational tools to develop state-of-the-art, sustainable designs for the next generation of aerospace transportation systems.

"Air traffic in Canada is expected to double every 16 years, which means environmental factors—such as noise and emissions—will play a dominant role in future aircraft design," says Suleman, who is director of UVic's Centre for Aerospace Research. "The challenge is to design more environmentally and economically efficient aircraft, while improving public

SEE CANADA RESEARCH CHAIRS P.7

Humanities undergrad leads way as 2014 3M National Student Fellow

BY TARA SHARPE

The 3M national fellowships traditionally reflect inspirational teaching talent from across the country. Launched two years ago, a new 3M National Student Fellowship award now also makes 3M a mark of outstanding leadership at the undergraduate student level.

UVic student Tye Landels is one of only 10 students in Canada to receive a 2014 3M National Student Fellowship. Academic distinction in a variety of disciplines—from English and art history to urban planning and environmental studies—is only a small part of the story for this top scholar and community innovator.

Landels exemplifies what it means to be a champion of equality and social justice and an inspiration for other students across the post-secondary environment: as current president of the UVic English Students' Association (ESA) and spear-heading change in the first weeks of his tenure; as a research assistant for UVic's Map of Early Modern London (MoEML) and setting up encoding practices and standards for this constantly evolving digital encyclopedia; and as a student with physical disabilities who has developed and advised on note-taking programs, academic policies and the use of audio-visual technology in the classroom.

Landels was instrumental in doubling the size of the ESA within one semester, after first galvanizing its membership to change the name from the ELITists (which struck him as particularly elitist) to its current, more democratic name.

He adds, "The ESA model, with its culture of inclusion, collaboration, communication and inspiration, has the potential to help students in all disciplines. By building such networks and generating culture and community, students can rejuvenate and reform the undergraduate experience at universities across Canada."

The fellowship is presented by 3M Canada in partnership with the Society for Teaching and Learning in Higher Education (STLHE). It includes a \$5,000 prize, as well as an all-expense-paid trip to Kingston for the STLHE conference in June 2014. The STLHE gathering also includes a full-day retreat for all 10 student fellows to work on a collaborative project related to post-secondary education.

The long-standing 3M National Teaching Fellowship for university professors was used as a model for the 3M student fellowship.

An in-depth interview with Landels is posted online at *uvic.ca/ring*.

beyond the ring

A new "Social Progress Index" released this month ranks Canada second in the world in the broad category of "opportunity" — largely due to Canada's achievements in supporting access to advanced education, a category in which it also scored second globally. The full study, led by a Harvard University team, can be found online at socialprogressimperative.org.

Days ahead of a provincial election in which some Montreal students were disqualified from voting in Quebec, thousands of protestors took to the streets in an event organized by the ASSE student group. The protest against the Parti Québécois-led government austerity measures drew at least 5,000 participants and was largely peaceful, though six demonstrators were arrested by police.

Nova Scotia's government has eliminated a popular tax rebate designed to keep young people in the province after graduation. The provincial government estimated that the rebate, which provided up to \$15,000 to post-secondary graduates, cost nearly \$50m annually. Other parts of the NS budget added nearly \$11m in direct funding to the postsecondary sector.



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Legacy Art Galleries curator Caroline Riedel, History in Art Professor Dr. Erin Campbell, and History in Art undergraduate student Holly Cecil with one of the William Morris tapestries from the collection. Campbell is Cecil's advisor for research and study of the tapestries. PHOTO: UVIC PHOTO SERVICES

Rotating and protecting UVic's art collection

BY JOHN THRELFALL

With 2,200 works of art currently on display-out of more than 20,000 pieces in the university's overall art collection-UVic has more art on view in public, non-museum spaces than at any other university in Canada. Managing the collection responsibly through the Legacy Art Galleries' Art on Campus program has also meant that a number of pieces previously on display in public spaces have been deemed to be at risk—and are in the process of being replaced with thematically similar works.

"The Department of Canadian Heritage designate some of our works to be of outstanding national significance," explains Legacy Art Galleries director Mary Jo Hughes, "so they require we only show and store these pieces in places with 'Category A' museum standards-which we unfortunately don't have in the public spaces and offices on campus."

The risks that Legacy must be concerned about are more than just the possibility of theft.. "Art can be damaged from light, temperature, humidity, airborne contaminants, pests and vandalism," she says.

Canadian Heritage requires nearly 1,000 nationally significant artworks in UVic's collection to be protected for the benefit and education of both present and future generations. Consider, for example, Legacy's precious William Morris tapestries. "They are so valuable and so vulnerable to light that we only bring them out for shortterm display, and for examination and research," says Hughes. "We always have to balance preservation with the desire for long-term display; if we were to put them out, they would be so faded after a couple of years that they'd be worthless for future generations."

Even though Legacy Art Gallery Downtown and the Legacy Maltwood in the Mearns Centre for Learning are the only "Category A" spaces available,

that doesn't mean the campus will be short on art to display. "We have the most art on public display of any university in Canada," Hughes says. (By way of comparison, the much larger University of Toronto campus only has 800 pieces on view.) "The Art on Campus program makes a valuable contribution to the educational environment at UVic. It reinforces an interdisciplinary approach in how people work, teach and learn on campus, and recognizes art as a vital part of everybody's life; it provides invigoration and stimulation wherever it is."

Though some key works have been moved out of offices where they were well-loved, protecting the art will create opportunities to share the pieces with a wider audience through the gallery-in our own era and in the decades to come.

The program is also providing new opportunities for community engagement, as seen in Legacy's upcoming exhibit Epiphany: Highlights from the Legacy Permanent Collection opening May 1. Featuring artists of national significance like Norval Morrisseau, Lawren Harris, Frederick Varley, Robert Davidson, Emily Carr, Myfanwy Pavelic, Robert Rauschenberg, Jack Shadbolt and Jean-Paul Riopelle, among others, Epiphany will showcase art that may previously have had limited exposure. "This will enable a lot of people to see some of the cultural properties that have been taken off-campus," she explains. "A piece may have been hanging in someone's office or a hallway the general public couldn't get to before. We're trying to give access to these key pieces in exhibitions like this."

"We're still dedicated to providing access to all our pieces," Hughes concludes, "through temporary exhibits, research, classroom visits, and through our database. We have to balance the protection of the artwork with access for scholarship, research and exhibition purposes."

Budget framework adopted for 2014/15

On April 1, The University of Victoria Board of Governors approved a \$323 million operating budget framework for the university with no budget reductions for 2014/15.

The university was able to develop a balanced budget for the fiscal year starting April 1 despite a reduction in government funding and an increase in expenses, due to reductions implemented in 2013/14, cost containment measures, and strong growth in student enrolment.

"This current year of no budget reductions is possible because of difficult decisions made by all faculties and units last year, and the strong performance by faculty and staff in making this a "university of choice" for students, and in attracting the resources we need to deliver on our mission of research and education," says President Jamie Cassels. "We're not out of the woods yet, but we are working together to build on our current planning processes to face new challenges."

The 2014/15 budget framework was developed through the university's integrated planning process led by Vice-President Academic and Provost Reeta Tremblay. Its goal is to ensure that the university's financial resources are aligned with institutional priorities and areas of strategic focus.

The priorities for 2014/15 include student recruitment and success, faculty engagement and retention, the quality of academic and research programs, educational technology, sustaining research excellence and fundraising among others.

Over the next year, a working group will be recommending to the integrated planning committee a set of criteria that can be used by decision makers to assess quality and to align activities in support of institutional priorities as outlined in the strategic plan and the president's Campus Conversations Report that followed his campuswide consultations.

2014/15 budget details

The university's operating budget is supported primarily through the provincial government operating grant, student fees and other funding sources.

UVic estimates its total revenue for 2014/15 to be \$322.86 million, including a decrease in the provincial operating grant of \$1.9 million. As in previous years, and consistent with Ministry of Advanced Education policy, tuition fee increases are limited to 2 per cent – the rate of inflation.

Expenditures are budgeted at \$322.86 million and include new allocations of \$2.2 million for contractual compensation obligations, \$1.77 million for additional international and student support, \$0.94 million to support growth in other targeted areas and \$1.6 million to meet regulatory or other requirements.

Multi-year planning

Since 2006–07, the university has developed its annual budget framework, financial models and plans within the context of a three-year planning cycle. The longer planning horizon provides a more realistic time-frame for the development of university initiatives and provides greater flexibility than permitted within an annual process.

The budget projections for 2015-16 and 2016-17 estimate budget shortfalls of \$1.8M and \$0.5M respectively. While it will be challenging to address these annual budget shortfalls given the university has made budget reductions of 9 per cent over the last few year, these projections are more positive than previously expected. This can be attributed to three main reasons:

- International enrolment targets that were projected to be achieved over three years were achieved in one year;
- This framework assumes that the provincial government will fund compensation costs resulting from collective bargaining whereas the previous budget framework did not;
- Salary and benefit changes have been updated to reflect provincial mandates.

These projections could change significantly if government funding for compensation is different than the full funding currently anticipated within this framework. As well, the actual amount of any reduction in the provincial operating grant is not yet known for 2015–16.

More details about the university's priorities, the components of the budget framework approved by the board on April 1, and the budget planning process can be found in the 2014/15 planning and operating budget framework document (PDF) on the budget planning website at uvic.ca/budgetplanning/index.



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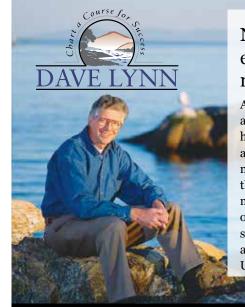
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payments cease at death10 years guaranteed		\$441 \$445	\$487 \$487	\$551 \$543	\$661 \$631	\$761 \$701	\$935 \$813

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ROYAL LEPAGE

Say hello to the UVic ONECard

BY MELANIE GROVES

UVic is launching the ONECard, a new photo identification card for all members of the UVic community, on May 1, 2014.

Offering the services of multiple cards in one, the ONECard will be the official identification card for members of the campus community. ONECard will support the functionality of current ID and food services cards, including tapand-go payment technology at all University Food Services locations.

"In the future, your ONECard will have the capacity to integrate access to other campus services, including vending, building access, and making payments at campus businesses such as the Bookstore and UVSS food outlets," says Jim Forbes, director of student services. "ONECard is more streamlined, flexible and secure than our current ID card system, and there will be no changes to employee or student numbers."

In order to maintain access to campus services it is important for all current students, faculty, staff, retirees, alumni and affiliate members to obtain a UVic ONE-Card. There is no fee to switch over to the ONECard. The card upgrade is required as the existing ID card software is 20 years old and no longer supported.

Get a ONECard: For faculty, staff and spring/summer students

Monday, Apr. 14–Wednesday, Apr. 23, 11:30 a.m. to 3:30 p.m.

Visit the Photo ID Centre in the University Centre lobby to have a new photo taken. Please bring one piece of government-issued identification (e.g. driver's license) and your UVic employee or student number (V00#####). The new cards will be ready for pickup beginning Thursday, Apr. 24.

Students enrolled in spring/summer studies who have had new photos taken will be able to pick up their cards beginning Apr. 24. Those enrolled in the fall term can pick up their cards when they return to campus in August.

"We will be processing new cards for staff, faculty and spring/summer students first, in an effort to reduce line-ups," says Forbes. Those who apply for the ONECard before Apr. 23 have a chance to win \$50 worth of ONECard Flex Funds, for use at any University Food Services outlet. Three winners will be randomly chosen.

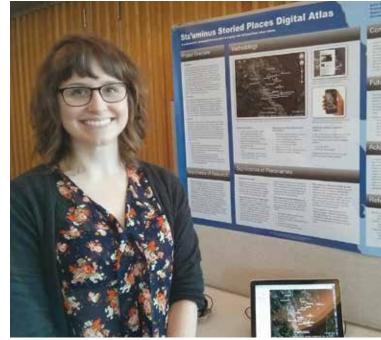
Current Food Services cards, including balances on UVic ID cards, will no longer operate after April 30. If you have a Food Services balance on your staff or faculty identification card, it will be transferred automatically to your ONECard. As of May 1, you will be able to add funds to your ONECard online via the ONECard website.

More information: uvic.ca/one-



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Becker

Stz'uminus Storied Places Digital Atlas

JCURA award brings Indigenous place names to Google Earth

BY ANNE MacLAURIN

Long before settler culture attached the names of explorers, businessmen and political leaders to the mountains, rivers and landscape we now call Vancouver Island, the traditional names used by First Nations carried a wealth of information about those places—information that anthropology student Amy Becker has been working to preserve.

Becker, recipient of a 2013–14 Jamie Cassels Undergrad Research Award (JCURA), explains "Indigenous place names are embedded in the culture, landscape, language and identities of the people who use them." A place name may contain information about environmental conditions, cultural knowledge and heritage, as well as historical information.

Becker discovered her passion for research and community-based projects while taking an ethnographic mapping course taught by Dr. Brian Thom (anthropology). "It was my first introduction to Indigenous place names, mapping, and traditional use studies," says Becker. "Dr. Thom also showed us how to use Google Earth and how to incorporate multi-media into a map."

It was a natural next step for Becker to apply what she learned in class to a grassroots, community collaboration between the Stz'umnius First Nation and Project Reel life, a Ladysmith-based community program that works with youth. Becker's goal was to introduce a focus on place names to the existing collaboration and make a digital atlas of about 20 Hul'qumi'num' language place names in Ladysmith using videos of elders' stories.

"The goal of the project was to embed videos of elders' place-based stories into a digital map so community members can continue to listen to the names and stories through computers, laptops and mobile devices," says Becker.

The Stz'uminus Storied Places Digital Atlas project is a great example of what can be gained through community-based collaboration, bringing elders, youth, and university students and researchers together. For Stz'uminus youth, meetings with elders are a rich experience. "The youth really enjoy recording and listening to elders' stories about place names," says Becker. "I think they view their elders as stars in their community."

"By making the Stz'uminus Storied Places Digital Atlas available for viewing on a smartphone platform, this project acknowledges the need for up-to-date technologies to address community needs," Becker adds, "especially at a time when youth are becoming increasingly engaged with their phones."

Becker will be holding a Google Earth mapping workshop for Stz'uminus youth in May so they can learn hands-on the mapping technique used by researchers. Becker hopes the research can continue with further funding to answer such questions as, "in what ways is a digital map effective and ineffective as a tool for mobilizing traditional knowledge within the Stz'uminus community?"

As she looks ahead to graduation this June, Becker feels a renewed confidence in her research skills and is pleased with her experience in the digital mapping project. She credits her minor in professional writing for giving her practical hands-on skills in editing and web design, and reflects that her co-op terms were also valuable, adding real-life work experience to the mix. And wherever life takes her next, her JCURA research project with the Stz'uminus community means that Becker will continue to listen for the names of the places she goes.

around the ring

UVic wins inaugural community impact award

Community spirit is alive and well on campus, and it was recognized on March 26th at the United Way's 2013 awards ceremony at the Empress Hotel. UVic was the recipient of the UW's inaugural Community Impact Spirit Award, which recognizes the campaign that has made the greatest impact on our community. While UVic didn't raise the most money overall, we raised the largest amount (\$214,483, or 92 per cent of our total) that will go directly to the United Way for its key impact areas: kids, community and poverty. The remaining eight percent was designated to other specific charities, by donor request. Dr. Mary Ellen Purkis, Chair of UVic's 2013 United Way Campaign, accepted the award on behalf of the university. "We had a great team for this campaign and our donors responded with enthusiasm and generosity every step of the way," she said. "Well done!"

New "digs" for popular plant sale

The UVic Plant Sale is moving outdoors, to the lawn adjacent to the Finnerty Gardens entrance at the Interfaith Chapel. The sale is from 11 a.m. to 2 p.m. on Sunday, May 4, with free parking nearby in parking lot 6. The smaller sale will offer a specialized selection, including rhododendrons, perennials and other plants. Music, garden tours (the sale coincides with the height of rhododendron season), growing advice from the volunteer members of Finnerty Garden Friends, and refreshments will be available.

The Finnerty Garden Friends have organized the annual UVic Plant Sale since 1978, raising funds for the ongoing development of Finnerty Gardens. Thousands of visitors—from campus and the community—visit Finnerty Gardens each year for its spectacular rhododendron collection and more than 4,000 varieties of trees and shrubs. The gardens are open yearround and admission is always free.

Temporary online jobs site launched

Due to technical difficulties with uHire, a temporary online job posting and application system has been introduced. A new permanent online job management system is expected to be launched in summer 2014, which will greatly improve the experience of those applying for employment at UVic as well as administrators and hiring committee members. To apply for a job, follow the online instructions at www.uvic. ca/hr/careers/home/postings/index. *php*. If you have resume information saved in uHire, it will remain available for a limited period of time. Please log into uHire and move saved resumes to your personal files as soon as possible. Thank you for your patience during this interim period. If you require assistance using the temporary online system, please contact Human Resources at hradmin@uvic.ca.

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von Petzingei

SSHRC STORYTELLERS

Research impact caught on video

BY SUZANNE AHEARNE

Two UVic graduate students have been rewarded for their creative use of video to tell the story of how their academic research is impacting the world.

Genevieve von Petzinger and Bernadette Perry are among 25 winners of the national Social Sciences and Humanities Research Council (SSHRC) video contest *Research for a Better Life: The Storytellers Challenge*, involving universities across Canada. The challenge required students to distill their research into a compelling three minutes of narrated video, describing how their SSHRC-funded research is making a difference in the lives of Canadians.

Bernadette Perry-a linguist and master's student in the French language, literature and culture program-created a mobile app called Explorez that allows more French-language learning to happen outside the classroom. Explorez bridges the gap between education and gaming through quest-based learning and augmented reality. Perry's video describes the GPS technology that turns the UVic campus into a virtual francophone world as a learning aid for first year French students-and, she explains, it's adaptable for high school French students.

Perry describes the app as a "virtual treasure hunt" where the player is hired as a personal assistant to a fictional Francophone celebrity. Players interact with game characters who give them clues and choose-your-adventure type options for game play. These interactions take place in the form of written text, audio or video, encouraging students to develop both their written and oral language skills.

As Perry's video explains, the app provides language students with an immersive and fun experience that makes new language acquisition more relevant and engaging.

Genevieve von Petzinger's research goes all the way back to the beginnings of human civilization. With video camera in hand, the PhD anthropology student and TED Senior Fellow has spent years crawling

through caves of western Europe, speculating on what the ice age drawings of ancient people might tell us about some of our biggest questions: What does it mean to be human and why is it so important to us that we share our ideas with other people?



Perrv

In her video, von Petzinger takes viewers to see some of the oldest cave symbols in the world. "What makes film such a wonderful medium to work in," she says, "is that it allows me to take people with me into places they normally never get to go, and it gives me a chance to show them what I'm doing in my research. It's very important to me that I share what I do with the public."

The Storytellers competition uses online video and social media sharing to excite young people about the kinds of research being done at universities all over Canada, and for the students producing the videos, communicating their research this way "will act as a catalyst for forging important relationships and future partnership around the globe," says Jennifer Corriero, executive director of TakingITGlobal and 2014 Storytellers judge.

The top 25 receive a prize of \$3,000 and trip to the Congress 2014 of the Humanities and Social Sciences at Brock University. They will also compete in the Storytellers Showcase—with the final five winners featured at SSHRC's 2014 Impact Awards ceremony in Ottawa this fall.

Perry's video appears at *bit.ly/ explorez* and von Petzinger's is at *bit.ly/cave-draw*.





Sustainability champions, young and old. Adult team members, L-R: Alishan, Yazbeck, Pickup and Wilson. PHOTO: UNIC PHOTO SERVICES

2014 STAFF SUSTAINABILITY CHAMPION AWARD

Nature, meet nurture

BY LINDSAY GAGEL

The idea is simple: teach children about the importance of connecting to nature when they're young, and they'll grow into environmental leaders.

On March 16, Sherri-Lynn Yazbeck and her team at UVic Child Care Services were awarded the 2014 Staff Sustainability Champion Award for their environmental engagement programs. The award was presented by UVic Vice-President Finance and Operations Gayle Gorrill.

Yazbeck and her team of educators—Batool Alishan, Ann Pickup and Julia Wilson—provide nature-based learning for children aged 3-5. They promote hands-on learning for issues related to the environment and teach children the importance of environmental stewardship.

One example of how Yazbeck and her team engage children is through the maintenance of a community garden plot at the Campus Community Garden. The kids plant seeds that are harvested and served as snacks at the child care facility. Extra food is donated to the UVSS food bank.

They also have a herb garden, where staff and children grow herbs and food plants. Some of the herbs are turned into environmentally friendly and sustainable Christmas gifts.

Walks through Haro Woods and other parks in and around campus are another way to engage children and encourage a strong sense of connection and awareness to natural spaces. The kids name various natural landmarks, giving them significance, and they are also aware of any litter or vandalism.

By implementing a nature-focused program and a wide range of learning activities in natural settings, Yazbeck and her team are providing an innovative service to the university and broader community, demonstrating by example how sustainability can be modeled and implemented for future generations.

"This award doesn't just belong to us," Yazbeck said with a smile as she accepted the award, "It's as much the kids' award as ours."

DISTINGUISHED PROFESSOR ANNOUNCEMENT

Engaged scholarship and advocacy worthy of UVic's highest faculty award

BY KAITLYN ROSENBURG

If you don't know what it means to be named a UVic Distinguished Professor, don't fret: they're a rare breed. The newest recipient, Dr. Susan Boyd, is only the 13th UVic professor to receive the award—the highest academic honour UVic can bestow on faculty—since its creation in 2002.

Boyd's activist presence on substantive social justice and marginalization issues has led to a tremendous scholarly output. She's authored eight books on topics related to drug law and policy, including her most recent, *Killer Weed: Marijuana grow-ops, media and justice.* One reviewer noted Boyd's work is "highly novel and ground-breaking both in terms of methodology and topic, and as a result has garnered international attention."

Her research focuses on drug law and policy, with an emphasis on the regulation of women who use criminalized drugs. Boyd has sought to change societal attitudes and policy by conducting research that includes the voices and experiences of women who use criminalized drugs, challenging conventional research and punitive policy, especially in the area of maternal drug use, collaborating with community groups most affected by policy, and advocating for change. "My research stems from the community work I do-striving with others for social justice and change," says Boyd, who notes, "My work in the community has always informed my scholarly work and my teaching."

Prior to Boyd's academic career, she was an outreach worker in Vancouver's downtown eastside. She saw daily how women, especially mothers, were negatively impacted by the intersection of harsh drug laws, social services and medical regulation. "I wanted to look more closely at policy, structural violence and power relations." At that time, women who used criminalized drugs were seen as unfit mothers. And not all women were treated equally: poor women and First Nations women were more likely to have their infants permanently apprehended by the state—standard practice in BC up to the 1990s.

In 1991, Boyd became a co-founder of one of the first woman-centred harm reduction programs for women in the Downtown Eastside. The program sought to create a different model of care for infants born to mothers who used drugs. Drawing on research and programming then underway in Glasgow-which demonstrated that non-judgmental maternity services including health care, social and economic supports could improve birth outcomes—Boyd's scholarly interests grew as a way to better understand and support the program's activities. For Boyd, academic work offered a means to reveal how the effects of poverty and deprivation are often mistaken for the effects of drugs and how, myths, structural factors and punitive policies impact women and their children. The community work that first

The community work that first propelled her still plays a central role in Boyd's career, taking her to the BC Supreme Court this March to attend arguments in a charter challenge over the recent elimination of legal heroin for treatment purposes in Health Canada's Special Access Programs.

Boyd noted that it was difficult to see lawyers for the federal government tap into "well worn out negative tropes" about people who use heroin and heroin-assisted treatment. She's quick to mention Canada's drug policy is punitive, class-based, gendered and racialized—making some groups of people more vulnerable to discrimination and arrest.

"Many researchers make valuable contributions to the improvement of health and security for people living in circumstances of social disadvantage -but few of those have engaged in that work as effectively as Dr. Boyd," says Dr. Mary Ellen Purkis, dean of the Faculty of Human and Social Development. Purkis adds that few professors "have influenced so many graduate students to advance this important work, and few have committed themselves to developing networks that ensure the voices and experiences of those living in difficult circumstances are not only heard by policy makers, but that their experiences are taken into account in the development of new policy aimed at reducing social inequities."

Boyd uses her work outside the university to enhance teaching in her courses, which include critical theory, research methodology and drug policy. "I really feel that my volunteer work complements what I do in the classroom and what I do with my students."

Her students inspire her to learn. In return, Boyd hopes she's instilled one thing: "A love of knowledge. Knowledge is actualized, it doesn't just sit on a dusty shelf in the library. We can link activism to knowledge, and it becomes more available to everyone."



Dukes. PHOTO: UVIC PHOTO SERVICES



Krebs. PHOTO: UVIC PHOTO SERVICES

BY VALERIE SHORE

Whether they're helping us understand the complexities of politics and public policy, laying the mathematical groundwork for everyday devices and processes, giving us a greater appreciation for musical expression, or helping Indigenous communities revive their endangered languages—this year's Craigdarroch Research Award recipients are making our world a better place.

"That passion for making a difference is a hallmark trait of all our previous and new Craigdarroch recipients," says Dr. Howard Brunt, UVic's vice-president research. "They are all leaders in their fields, exemplifying UVic's commitment to excellence and the open exchange of knowledge with the wider community."

This year's four Craigdarroch Research Award recipients will be honoured at an evening ceremony on May 1. They are:

DAVID H. TURPIN GOLD MEDAL FOR CAREER ACHIEVEMENT IN RESEARCH

James Tully, Political Science

Jim Tully has shaped the foundational concepts of several disciplines across political theory, law, history and philosophy and has inspired generations of graduate students, many of whom now teach in universities around the world. He is one of those rare scholars who has achieved global influence while also speaking to and drawing inspiration from a distinctively

Canadian experience. His work has implications for virtually all major areas of public policy—including democracy, federalism, multiculturalism, Indigenous rights, and environmental responsibility. He is a fellow of the Royal Society of Canada and the Trudeau Foundation and was named a UVic Distinguished Professor in 2003.

CRAIGDARROCH SILVER MEDAL FOR EXCELLENCE IN RESEARCH

Peter Dukes, Mathematics and Statistics

It was surely a sign of exceptional things to come when Peter Dukes completed his BSc at UVic with three published academic papers already under his belt—in two different fields of mathematics. That was in 1997. Since then, he has continued his meteoric rise and is now considered a world authority in a branch of math known as algebraic combinatorics. But his expertise is diverse. The 40 peer-reviewed papers he has published so far in his young career cover areas such as astrophysics, statistics and engineering. In 2007, he won the Kirkman Medal for outstanding achievement from the Institute of Combinatorics and its Applications.



Saxon, right. PHOTO: UVIC PHOTO SERVICES



Tully. PHOTO: UVIC PHOTO SERVICES

CRAIGDARROCH AWARD FOR EXCELLENCE IN KNOWLEDGE MOBILIZATION

Leslie Saxon, Linguistics

The traditional languages of First Nations peoples are under constant pressure from mainstream North American culture. For 30 years, linguist Leslie Saxon has been a leader in the exchange and application of linguistic and cultural knowledge, working with Dene people in the NWT to document and revitalize their endangered languages. She has a particularly close relationship with the Tłįcho Nation, where she has partnered with the community to develop a range of resource materials-including an online dictionary and app (known as Yati). At UVic, she guided the creation of the largest network of communitylinked Indigenous language teaching programs in North America.

CRAIGDARROCH AWARD FOR EXCELLENCE IN ARTISTIC EXPRESSION

Harald Krebs, Music

Scholar, pianist, author, artistic collaborator and professional speaker-Harald Krebs is one of Canada's finest music theorists. He is recognized internationally as an expert on musical meter and rhythm, especially in 19th-century German art song known as Lieder. In his 34-year career, he has produced two groundbreaking books, a steady stream of peer-reviewed articles and collaborative performances fusing scholarship and musical practice. At the core of this work is his talent as a pianist, which he shares regularly with the broader community of music lovers. He was named a UVic Distinguished Professor in 2010.

The Craigdarroch Research Awards were established in 2003 to recognize outstanding research-focused and creative contributions at UVic. They were named for Craigdarroch Castle, the estate that was once home to UVic's predecessor institution, Victoria College, from 1921 to 1946.

ringers

In June, Dr. Francis Zwiers, president and CEO of the Pacific Climate Impacts Consortium (PCIC) at UVic, will be heading to London, Ontario, where he'll be awarded an honorary doctorate of science at Western University's spring convocation ceremonies. Zwiers is an internationally recognized expert on climate variability and change and was among a group of scientists connected with UVic who shared the 2007 Nobel Peace Prize with the UN Intergovernmental Panel on Climate Change (IPCC). He was an elected member of the bureau of the IPCC for its fifth global climate assessment, which is being released in stages this year.

What would your first question be to a Nobel laureate? Biochemistry and microbiology PhD student Michelle Tonkin will find out this summer. She's one of 600 aspiring young researchers from almost 80 countries who has been selected to take part in the 2014 **Lindau Nobel Laureate Meeting** in Germany in late June and early July. The students—all doctoral or postdocs—will attend lectures, panel discussions and master classes with 37 Nobel laureates as a way to promote dialogue among generations, cultures and nations. This year's event is dedicated to medicine. Tonkin was nominated for the opportunity by the Canadian Student Health Research Forum.

Christopher van Bommel, a

master's student in mathematics and statistics, has won an NSERC 2013 André Hamer Postgraduate **Prize from the Natural Sciences** and Engineering Research Council (NSERC). Valued at \$10,000 each, the prize is awarded to five of the most outstanding candidates in NSERC's master's and doctoral scholarship competitions. Van Bommel's thesis research is addressing knowledge gaps in combinatorial design theory, a basic science that underpins the statistical experiments, algorithms and codes used to design puzzles, networks, cryptography, drug trials and lotteries.

Beginning July 1, the new director of TRIUMF—Canada's national laboratory for particle and nuclear physics, will be Dr. Jonathan Bagger, vice-provost for graduate and postdoctoral programs at Johns Hopkins University in Baltimore, Maryland. Bagger is the Krieger-**Eisenhower Professor of Physics** and Astronomy at Johns Hopkins. where his research has centred on high-energy physics at the interface of theory and experiment. Located in Vancouver, TRIUMF is located in Vancouver and is owned and operated by a consortium of Canadian universities. UVic is a founding member and is currently leading construction of a new electron accelerator at the facility.

A feast for your brain, as well as your eyes



Kaitlynn McQueston, Utility Box (2013).

BY JOHN THRELFALL

When it comes to advanced academic work, few would expect to spend five minutes examining a graduate student's work in biochemistry, neuroscience or mechanical engineering and really "get it." Yet people occasionally turn away from the work of Visual Arts MFA students simply because they don't immediately understand or appreciate it.

Just ask Paul Walde. A professor of painting and media practices in the Department of Visual Arts, Walde is the graduate advisor for UVic's 11 Visual Arts MFA students. He's also a busy intermedia artist on the leading edge of contemporary practice, so he knows well of what he speaks. "If you walk into a play or open a book and just spend five minutes with it, you're probably not going to have a good sense of what the total accomplishment is," he says. "That's the same with visual arts—you have to spend some time with the work, maybe do a little reading around it. Sometimes the content of the art is such that a level of understanding will have to preface it in some way."

This year's MFA exhibit, *In Your Eyes*, will feature work by six graduating MFA candidates: Megan Dyck, Ethan Lester, Neil McClelland, Kaitlynn McQueston, Carley Smith and Jeroen Witvliet. "It's really like six solo exhibitions," says Walde. "Six people are taking over the entire facility, and

some take up three or four rooms. The amount of work they produce is staggering; you'll only be seeing a fraction of what they've produced in the past two years."

Kaitlynn McQueston was attracted by the independent studio focus of UVic's MFA program. "I love the idea of a program that focuses more on practice-based research," she says. "Graduate students have a little more control over what you read and research... most programs are just partial studio, and you spend a lot of time writing papers. This is more independent."

While a perpetual sense of misunderstanding seems to go handin-hand with being a contemporary artist, Walde doesn't let it rankle him. "Artists generally don't want to confound audiences; they're trying to convey messages in ways that are comprehendible in some form," he explains. "But people expect it to work like advertising. With advertising, you're driving by a billboard and you instantly get it, then it's gone-whereas a good work of art will hopefully engage you and linger longer, more along the lines of a good novel or a good play."

More MFA preview information: bit.ly/feast-brain

In Your Eyes runs May 2–10 throughout the Visual Arts building. The opening night reception is from 6–9 p.m., with opening remarks beginning at 7 p.m.

CARSA takes shape

The new Centre for Athletics, Recreation and Special Abilities is rapidly taking shape near UVic's playing fields and is set to open its doors next year. See uvic.ca/carsa for more info. PHOTO: UVIC PHOTO SERVICES

Annual BFA exhibit is an incubator for future artistic success

While the MFA show may be the higher profile exhibit on view from the Department of Visual Arts this spring, the BFA exhibit is definitely the larger of the two. Featuring work by 36 graduating BFA students, the annual exhibit—this year titled *Split*, and running from April 17—26—will feature a tremendous amount of painting, drawing, sculpture, installation, video and media art spread throughout the Visual Arts building.

"For many of the students, the BFA exhibition is an opportunity for them to exhibit their work publicly for the first time," says visual arts professor Jennifer Stillwell, who is coordinating *Split* with fellow professor Robert Youds. "Each graduating student has created a body of work or a major work that speaks to their individual point of view as an artist. The exhibit marks the achievement of their degree and celebrates and highlights the work they have put into it."

More than just displaying their work, however, the students have also organized most aspects of the exhibition itself—from curatorial decisions and building preparation to organizing the opening night event.

"Most BFA students arrive here not really knowing what contemporary art is, then they have to go through the process of figuring it out and engaging with it," says visual arts professor Paul Walde. "Then they have to decide what they want to work on and move forward with that. This final year really is the tipping point where you see massive development in a student's work. That's why UVic is such a great incubator for artists: it gives you time and space, and it has great facilities and a great faculty."

Split runs April 17–26 in the Visual Arts building, with the opening reception beginning at 7 p.m. on Thursday, April 17.

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calendar highlights

Events free unless otherwise indicated. For a complete list of events, visit the online calendar at events.uvic.ca

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

- **Exhibit.** Adasla: The Movement of Hands. Until April 25. This exhibition centres around the creation and exhibition of the World's Biggest Button Blanket. Created in collaboration with students at UVic's First Peoples House, the blanket invites new conversations about Indigenous button blanket makers and the artistic traditions that surround them. A project of the Williams Legacy Chair in Modern and Contemporary Art of the Pacific Northwest. Legacy Art Gallery, 630 Yates St.
- **Exhibit.** Margaret Peterson: A Search in Rhythm. April 11—Aug. 9. This exhibition features the artworks and personal papers of the groundbreaking mid-20th century abstract painter Margaret Peterson (1903-1997). Peterson explored representations of spirituality in rhythm with the artistic aims of Indigenous peoples across the world. This exhibit showcases Peterson's possessions, photographs and writing about her work alongside the works themselves to demonstrate the breadth of her vision and search for expression. Legacy Maltwood at the Mearns Centre, McPherson Library.
- **Exhibit.** Windows Into Heaven. April 23 to Aug. 9. This exhibition explores Russian icons and crucifixes from UVic's permanent collection and examines the religious, historical and cultural meaning that these artifacts have to Russians past and present. These pieces date to the 18 and 19th centuries and were originally collected by Dr. Bruce and Mrs. Dorothy Brown, who donated their extensive collection to the university. Legacy Art Gallery, 630 Yates St.



ICON OF THE VIRGIN OF HODGETRIA, 19TH C. GIFT OF DR. BRUCE AND MRS. DOROTHY BROWN.

THURSDAY, APRIL 10

- **Lecture/Seminar.** 4 p.m. *Share the* enthusiasm with David Mason in conversation with Paul Whitney. Come inside the world of rare books. David Mason, veteran Toronto antiquarian bookseller and author of *The Pope's* Bookbinder, is a giant in the book trade. Mearns Centre/McPherson Library 129. 250-853-3612
- Other. 6:30 p.m. Labyrinth by Candlelight. And April 17. Illuminate your journey as you walk the sacred path. Simple instructions will be offered as you use the opportunity to enlighten your inner awareness and release stress and anxiety. Chapel. 250-721-8338
- Studies in Religion & Society Lec**ture.** 7:30 p.m. How Do We Experience Religious Diversity? Valérie Amiraux (U-Montreal). Legacy Gallery, 630 Yates St. 250-721-6325

FRIDAY, APRIL 11

Lecture/Seminar. 12:30 p.m. Crosssynaptic Synchrony Measurements and Implications in the Mammalian Retina. Gautam Awatramani (UVic). Medical Sciences 160. 250-472-5178

MONDAY, APRIL 14

Other. 9 a.m.-4 p.m. Walk The Laby-

rinth. Mon.—Thurs. until April 17. Find some calm in the midst of a stressful day. Chapel. 250-721-8338

Cafe Scientifique. 6:30 p.m. Rolling the Weather Dice: Order Out of Randomness in Weather and Climate. Adam Monahan (UVic). Hermann's Jazz Club, 753 View St. 250-721-7744

WEDNESDAY, APRIL 16

Masterminds Lecture. 7 p.m. Contributions of Mathematical Modelling to Controlling Infectious Diseases. Pauline van den Driessche (UVic). Hickman 105. Registration required 250-721-6369.

THURSDAY, APRIL 17

Lecture/Seminar. 12 p.m. Denise Levertov: Revolution and Revelation. Donna Hollenberg (Univ. of Connecticut). Clearihue A207. 250-721-7236

WEDNESDAY, APRIL 23

- Masterminds Lecture. 7 p.m. Studying Islam in the Academic Context. Andrew Rippin, Prof. Emeritus of Islamic history and has written many books and articles on Islam. Hickman 105. Registration required. 250-721-6369.
- Victoria Natural History Society Lecture. 7:30 p.m. Paraguay Birding. Val George will share his experiences from a country with a great diversity of bird species. Fraser 159.

FRIDAY, APRIL 25

Lecture/Seminar. 3 p.m. Fostering Faulty Eyewitness Reports for a Witnessed Event from a Co-witness and from Suggestions of Invisibility. Tanjeem Azadm (UVic). Cornett A228. 250-721-8593

MONDAY, APRIL 28

Victoria Natural History Society Lecture. 7:30 p.m. Priorities for Ecosystem-Based Oceans Management. Miriam O, Biolo-



Some say the bestselling books and TV series Game of Thrones were inspired in part by medieval history. Dr. Hélène Cazes, chair of UVic's Medieval Studies program, takes a moment one month before Season Four of HBO's wildly popular fantasy drama, to don a replica of a dress worn by 14th-century writer Christine de Pizan during the March 3 "Medieval Minute" at Ideafest 2014. See uvic.ca/ring/media/ photo-essays for more photos.



TUESDAY, APRIL 29

Lecture/Seminar. 1 p.m. Testimonial Objects: How the Book Fashioned the Household in Late Medieval England. Myra Seaman (College of Charleston). Clearihue C316. 250-721-7236

WEDNESDAY, APRIL 30

Cazes. PHOTO: DERYCK P. HARRY

Masterminds Lecture. 7 p.m. Healing, Humour and High Level Wellness. Martin Collis (UVic). Hickman 105. Registration required. 250-721-6575

CANADA RESEARCH CHAIRS CONTINUED FROM P.1

Suleman isan international leader in the fields of smart structures and aeronautical design. He's also director of UVic's Centre for Aerospace Research, which works closely with industry and academic partners on the design of unmanned air vehicles for uses such as precision agriculture, wildlife conservation and oceans monitoring.

The science of oceanic change

Where does carbon go in the ocean and why? Where will it go next? As the Tier 2 Canada Research Chair in Ocean Carbon Dynamics, oceanographer Roberta Hamme measures dissolved gases in the ocean to answer these questions about the carbon cycle, which is critical to life on Earth.

"Few people realize that the ocean ultimately controls atmospheric levels of carbon dioxide (CO2), and

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that it currently absorbs about onethird of the excess CO2 that humans produce," says Hamme. "Determining how that absorption is evolving and what factors control it are essential to predicting the progression of global $\,$ climate change."

Hamme studies air-sea gas exchange, biological productivity, and the transport of gases from the surface to the deep ocean. In 2010, she was lead author of a high-impact paper that linked iron fertilization by a volcanic eruption to the largest phytoplankton bloom ever recorded in the subarctic North Pacific.

Data-driven medical mathematics

The rapid advancement of modern biotechnology is creating a major challenge for medical researchershuge and complex datasets. As the Tier 2 Canada Research Chair in Biostatistics for Spatial and High-Dimensional Data, statistician Farouk Nathoo is developing new models and computational methods for processing these datasets, particularly those related to 3D-imaging.

"Scientists studying how the brain works and how genetic variation influences the brain need new tools to understand the vast datasets, which are increasingly coming from multiple imaging sources," says Nathoo. "For example, within the field of imaging genomics, it's not unusual to conduct over one billion statistical tests to identify the genes that influence the brain."

Nathoo is internationally recognized as a rising star in the field of spatial, environmental and medical statistics. He applies his work within a wide range of disciplines, including neuroscience, ecology, epidemiology, geography and environmental science. "Being able to apply statistics to all of these areas is very satisfying," he says.

Now in its 14th year, the Canada Research Chairs program helps Canadian universities attract and retain the best scholars in the world and build on existing areas of research strength. The program also gives students the opportunity to work with researchers who are world leaders in their fields.

The March 28 announcement also includes the renewal of UVic philosopher Margaret Cameron as the Tier 2 Canada Research Chair in the Aristotelian Tradition. UVic currently has 34 filled Canada Research Chairs.



Nathoo. PHOTO: UVIC PHOTO SERVICES



Suleman. PHOTO: UVIC PHOTO SERVICES

day in the life

BY MARGARET SUDERMAN

When people ask Renee McBeth what she does for a living, she often gives the same answer.

"I tell people I'm an organizer," she says with a laugh. "I depend on post-it notes and to-do lists."

Indeed, as someone who holds dual positions at UVic's Faculty of Law, her daily balancing act requires a high degree of prioritization and time management.

Since August 2010, McBeth has worked as the coordinator of the Consortium on Democratic Constitutionalism (DEMCON)—a group that promotes scholarly exchange and collaboration on questions of constitutional theory, design and practice. McBeth handles the communications, promotions and bookings for all of the major conferences hosted by DEMCON.

She is also the lead administrator of an annual six-part seminar series of the faculties of law, humanities, and social sciences—the Victoria Colloquium in Social, Political and Legal Theory. The series invites world-class theorists to present their current research at UVic, promoting exchange among faculty and students in a "pre-seminar" and then the main seminar itself.

And in 2012, McBeth assumed the role of coordinator for the faculty's Indigenous Law Research Clinic—an initiative that partners with communities to research different areas of Indigenous law.

On the day of her interview with



McBeth. PHOTO: UVIC PHOTO SERVICES

The Ring, McBeth was in the throes of planning a workshop for the Truth and Reconciliation Commission taking place in Edmonton later that week. These final preparations filled with far more than post-its and to-do lists—gave proof to McBeth's busy schedule.

Though the majority of her time is split between communications and coordinating the logistics of research projects and events, McBeth isn't afraid to tackle spontaneous projects when the need arises. "Last Friday I helped weave cedar bark mats for the Indigenous law student graduation," she says. "And I'll be doing more weaving this afternoon for hat bands that will be used at the ceremony."

McBeth came to UVic to do graduate work after earning her BA from the University of Western Ontario. After completing her MA, the transition from student to staff was almost immediate.

"I always worked while in school and I got hired in this job a week before I defended my master's," says

She even credits her university experience for inspiring her initial interest in the DEMCON job. "I love critical thinking in a community of people who are trying to deal with social and political issues," explains McBeth. "My favourite part of the job is the space I am given to help initiate creative projects that connect with those issues."

Perhaps the best example of this exercise in creativity is the graphic novel recently presented by the Indigenous Law Research Clinic. The book, Mikomosis and the Wetiko, was the brainchild of McBeth and Prof. Val Napoleon. It tells the story of Mikomosis—a great hunter of the Nehiyaw (Cree) people who was charged with murder in 1878.

To date, the reception to the graphic novel has been stupendous.

"The UVic Bookstore has been selling out and we've been asked to provide more copies about six times," says McBeth. "We've had people take it to Spain, France and Belgium, and it's being used in law schools and high schools across Canada."

Though McBeth is quick to describe herself as an organizer first and foremost, it is obvious that her creative flare and passion for social and political issues underlie every post-it note and

Moving Trans* History **Forward**

BY AARON DEVOR

In a matter of decades, transgender people have gone from near-invisibility to the covers of glossy magazines and into leading roles in popular TV shows and movies.

One of biggest hits on Netflix, Orange is the New Black, features Laverne Cox as a trans woman jailed for credit card fraud. Luxury department store Barneys New York is featuring transgender models in their ad campaigns. Retired lieutenant colonel and philanthropist Jennifer (formerly James) Pritzker, is the world's first transgender billionaire and one of the heirs to the Hyatt hotel chain.

The media has spotlighted trans

people who seem to be living lives of the rich and famous but, for the vast majority of transgender people, their lives are anything but glamorous. As a group, trans people are among the most discriminated-against and marginalized anywhere.

For a transgender person to live openly as trans, is to risk rejection by family and friends, religious communities, social services, and medical providers; incarceration in jails and mental hospitals; forced medication or denial of transition-related treatments; rapes; beatings; murder.

In the US, 34 states have made it illegal to discriminate against trans people and in Canada, all but one province have put these protective laws in place. Recent legal advances have been significant but social attitudes and behaviour lag far behind.

According to US studies, trans people are four times more likely to live in poverty and are twice as likely to be homeless. Sixty-one per cent have been victims of physical assault, and 64 per cent have been sexually assaulted. More than 40 per cent have

attempted suicide. (The national average is 1.6 per cent).

Despite this, there have always been people who have spoken honestly both about how hard it is to be trans in this world, and about the fantastic gifts and strengths that being trans can bring with it. Activists and researchers have worked to educate and agitate so that transgender people can be fully engaged and productive members of society.

To claim that dignity, trans people and our allies need to know our history. UVic holds the world's largest archive of transgender history—a collection of scholarly, historical and pop culture objects and ephemera representing a century of research and a half-century of activism, gathered from 17 countries. From March 21 to 23, UVic hosted the first-ever symposium of trans history, Moving Trans* History Forward.

We're off to a good start in 2014 The world is safer for trans people, but there is much more to be done to ensure justice and freedom for gender variant people.

Please think about what you can do to help.



Devor. PHOTO: UVIC PHOTO SERVICES

Aaron Devor is the founder and academic director of the University of Victoria Transgender Archives. He is a professor in UVic's Department of Sociology, former dean of the Faculty of Graduate Studies, and a trans man.

Info: transgenderarchives.uvic.ca

