

# REACH AWARDS

CELEBRATING UVIC'S RESEARCHERS  
AND TEACHERS pp. 6–7

# THE RING

APRIL/MAY 2017

The University of Victoria's  
community newspaper

ring.uvic.ca



University  
of Victoria

## SPEED READING

### New CanAssist funding helps seniors, children

UVic's CanAssist has secured \$4.5 million in new funding from the BC government. A grant of \$3 million allows CanAssist to continue its work on CanStayHome, an initiative that provides technologies to help seniors with dementia remain in their own homes for as long as safely possible. Another \$1.5 million will focus on producing and supplying existing assistive technologies to children and youth with special needs. Visit [ring.uvic.ca](http://ring.uvic.ca) to find out more.

### Research Reels video gallery now online

We have a lot of videography talent here at UVic and it surfaced last month at Ideafest during the inaugural Research Reels Video Showcase. The videos captured some of the amazing research and creative activity happening at UVic, both on campus and around the world. Geography student Levi Hildebrand took home the grand prize for his video featuring research on Marine Protected Areas in the Philippines. Research Reels will be an annual event, so start thinking about your entry for next year. Tell your UVic research story in less than three minutes! See all of the finalists' videos on YouTube: [bit.ly/researchreels2017](http://bit.ly/researchreels2017)

## GOOGLE GRANT FUELS HAND PROJECT GROWTH



Josh Coutts, lead designer for the Victoria Hand Project, makes an adjustment to a prosthesis. The innovative project is also being honoured in the REACH Awards. See pp. 6–7. PHOTO: JAKE FARMER

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NUMBER OF  
PROSTHESES  
DELIVERED  
TO AMPUTEES  
IN FIVE  
COUNTRIES

BY SUZANNE AHEARNE

The Victoria Hand Project (VHP), a non-profit based in the University of Victoria's Biomedical Design and Systems Lab headed by mechanical engineer Nikolai Dechev, is one of five organizations to receive a \$250,000 grant from Google Impact Challenge Canada.

Last month in Toronto, Google.org—Google's philanthropic arm—awarded \$5 million to a total of 10 organizations through the nationwide competition, which provides funds to non-profits that are using technology to tackle some of the world's toughest social challenges. More than 900 organizations applied for funding.

The VHP helps amputees in developing nations by providing them with low-cost, highly functional and custom-fitted 3D-printed, upper-limb prostheses at a cost of \$400 each.

Dechev started the project in his lab in 2013, based on a hand design he'd made out of metal for his MSc in 1999, at a cost of about \$10,000 at the time. In 2014, Dechev received an initial grant of \$100,000 from Grand Challenges Canada to take the project out of the lab and into deployment.

In 2015, UVic's Office of Research Partnerships and Knowledge Mobilization helped to launch the project as a non-profit organization to enable the deployment aspect. Later that year, a further \$70,000 from Grand Challenges Canada allowed the project to expand into Cambodia and Nepal.

Of the 40 million amputees worldwide, 80 per cent live in low- to middle-income countries and less than five per cent have access to prosthetic care. VHP currently works in five countries: Nepal, Haiti, Cambodia, Ecuador and Guatemala.

In each of the partner countries, VHP

establishes a 3D print centre, equipping it with 3D scanners, 3D printers and software to produce 3D-printed prostheses on site. The project trains and pays on-site printing technicians to produce the hands within these countries, and trains health care partners to deliver hands and provide ongoing care, creating a sustainable business and medical model of care.

"With the new funding, we plan to create new partnerships in a few other countries, one of which will be Egypt," says Dechev. "We're looking forward to working with Google.org over the next year to help us achieve our goals. Google has an array of support programs that we'll use over the next year through their Google Ambassador program."

"I'm proud of the team," says Dechev, "and really look forward to this next phase of VHP as we ramp up for a much bigger presence and impact worldwide."

## Cassels reappointed to second term at the helm

Prof. Jamie Cassels will serve a second five-year term as president and vice-chancellor of the University of Victoria, effective July 1, 2018.

The appointment was unanimously approved by the Board of Governors following a unanimous recommendation from the Committee for the Appointment of the President.

"The Board of Governors is delighted to approve the appointment," says Daphne Corbett, chair of the board. "We have the greatest confidence and appreciation for the leadership that Jamie provides and we're very gratified that he has recognition and support from the university community to continue building on a compelling vision for our collective future."

"He's passionately committed to the university's mission of education, research, engagement and impact."

Cassels was appointed in 2012 to a five-year

term as UVic's president and vice-chancellor from July 1, 2013 to June 30, 2018.

Consistent with the university's presidential appointment procedures, a broadly based appointment committee was struck in January 2017. It updated the profile and criteria for the president's position and Cassels indicated he wished to be considered for reappointment. The committee undertook a multi-faceted review, considered all of the input received and unanimously recommended his reappointment.

"Jamie embodies the qualities, experience and enthusiasm needed to lead UVic as president," says Corbett. "The board and university community look forward to working with him during the completion of his first term and through his second term. He embraces the opportunities and challenges ahead for us, supports the principles of equity and inclusion, and plays an active role in ad-

vancing truth and reconciliation with Indigenous people. The input received attested to the strong and respectful relationships he has developed within and beyond the university community."

Cassels looks forward to continuing to serve UVic and working with faculty, staff, students and the community over the coming years.

"I'm honoured to be renewed as president for a second term and pleased to accept the responsibility that comes with this role," he says. "Leading and serving UVic for the past four years has been a great privilege and pleasure. We can all share pride in what this university has achieved in its first 54 years and can be confident about our potential to accomplish great things in the future. I'm proud of what we're accomplishing together."

UVic is well positioned to build on the excellence



Cassels. UVIC PHOTO SERVICES

SEE CASSELS P. 5



# around the ring

## Get down and dirty at Finnerty Gardens

Interested in helping out in the Finnerty Gardens on Saturday, April 22? That's the date for the first community "Spring Clean-up" and help is needed raking, cutting and pulling out dead and diseased plants, clipping back ferns and generally tidying up for the spring bloom in May. Tools will be supplied, just wear a good pair of work shoes or boots, bring some gloves and get ready for a fun day of digging in the dirt. Light lunch and refreshments will be provided. Come for a morning shift (9 a.m.—noon) and stay for lunch, or start with lunch and stay for the afternoon (noon—4 p.m.). Sign up for a shift with volunteer coordinator Anne Mace via phone or email at 250-479-7677 or amace@telus.net. Info: [uvic.ca/finnerty/community/volunteer](http://uvic.ca/finnerty/community/volunteer)



## Service awards celebrate the contributions of UVic employees

The celebration of this year's President's Extraordinary Service Award (PESA) nominees and recipients, hosted by President Jamie Cassels, will take place on May 3 from 3:30 to 5 p.m. at Cadboro Commons, following the first day of the Connect U conference.

"It's always a great pleasure for me to celebrate our remarkable nominees and recipients for their dedication and service to the university," says Cassels. "All of the nominees are deserving of recognition and I thank each of them for their engagement, innovation, collaboration and commitment to service excellence."

The first year of the PESA awards (formerly the President's Distinguished Service Awards) attracted an impressive 26 nominations across five new award categories: cultivator, collaborator, connector, innovator and navigator. The 19 individual and seven team nominations represented the portfolios of every vice-president and all employee groups.

All staff and faculty are invited and encouraged to attend the "Cause for Applause" event to recognize the hard work and dedication of our colleagues. Register at [uvic.ca/applause](http://uvic.ca/applause) by Apr. 21. Light refreshments will be served.



## Masterminds public lecture series returns for 2017

Expand your mind every Wednesday evening in April with a fascinating and free talk on a range of topics.

The three remaining talks cover the complexities of understanding and responding to human rights and harassment issues, how technology is used to monitor personal health, and how Shakespeare is being explored and shared in new digital forms.

On April 12, Barbara Whittington, professor emerita and former director of UVic's School of Social Work and UVic's Harassment and Human Rights Office, will discuss the complexities of defining, understanding and responding to human rights and harassment issues.

On April 19, biochemist and professor emeritus Terry Pearson will talk about personalized medicine and how sophisticated instruments and systems are making it possible to accurately measure multiple "biomarker

proteins" for acute and chronic diseases—in single drops of blood.

On April 26, Michael Best, professor emeritus of English and founder of the Internet Shakespeare Editions, will discuss how the resource brings Shakespeare's works to a global audience and explores new ways of presenting them.

The lecture series is sponsored by the UVic Retirees Association and UVic's Institute on Aging and Lifelong Health, with support from the university.

The first two talks listed above take place in the David Lam Auditorium, MacLaurin Building. The third lecture takes place in the Harry Hickman Building Lecture Theatre. All three talks start at 7 p.m.

Register for any of these lectures by contacting [aging@uvic.ca](mailto:aging@uvic.ca) or call 250-721-6369. For more information visit [uvic.ca/masterminds/](http://uvic.ca/masterminds/)

## New sexualized violence policy nears finalization

The Board of Governors has approved a new policy on the prevention, education and response to sexualized violence for the University of Victoria, marking the next step toward the policy's adoption and implementation in May.

President Jamie Cassels initiated the review last spring to address sexualized violence more directly and effectively as part of UVic's commitment to building a respectful, inclusive and supportive environment in which to learn, work and live.

"The creation of this single, encompassing policy to prevent and respond to sexualized violence on campus is an extremely important initiative for UVic," says Cassels. "We want to be very clear that sexualized violence is unacceptable on our campus and our goal is to create and foster a safe, supportive and respectful environment for all of our students, faculty and staff."

"We all have a responsibility to take action in preventing sexualized violence," says Cassels. "I'm encouraged by this collective effort and I want to acknowledge the leadership of Annalee Lepp and Cassbreaa Dewis, and the engagement of our campus community in developing the policy."

A committee of 21 diverse community members—the Working Group on Sexualized Violence Programs and Policy Development—has spent the last year conducting extensive consultations and research to develop a policy that applies to all faculty and librarians, staff and students, as well as visitors, volunteers and others with a direct connection to UVic.

"Over the last 11 months, these people have spent countless hours developing the policy and I commend them for their strong convictions, dedication and efforts," says Annalee Lepp, chair of the working group. "During the two consultation phases, members of the university community shared invaluable insights and provided excellent feedback. In my estimation, the resulting policy provides a strong foundation for the work that's yet to come as the policy is implemented."

While UVic previously had policies and programs related to sexualized violence, the Sexual-

ized Violence Prevention and Response Policy provides improved and more transparent information, supports and processes.

The new policy covers prevention and training programs, resources and support for survivors and those impacted by sexualized violence, and responses to disclosures and reports of sexualized violence, including a fair and impartial investigation and adjudication process.

Procedures that explain in detail how the university will put the policy into practice are available for comment by the campus community at [uvic.ca/info/sexualizedviolencepolicy](http://uvic.ca/info/sexualizedviolencepolicy). The new policy is also available on this site.

A key component of the policy is a central office that anyone on campus can contact for information and assistance, or to report an incidence of sexualized violence. The office will be housed with other services that support equity, inclusion and diversity.

The university has already acted on the group's interim report delivered last September and is creating a position to coordinate education and training across campus.

After the procedures are finalized and approved by the president, the policy and procedures will be implemented in keeping with the BC government's requirement under the Sexual Violence and Misconduct Act that all post-secondary institutions have a stand-alone policy for students by May 19, 2017.

UVic's work in this area began before the provincial legislation required a policy and was in response to increased attention about sexualized violence on campuses across Canada, including at UVic.

In addition to the policy covering students—as mandated by the government—UVic's policy is more comprehensive and applies to employees, faculty members, anyone holding a university appointment, post-doctoral fellows, grant-funded employees, anyone contractually required to abide by university policies, volunteers, visitors, members of the Board of Governors and Senate, anyone residing on campus, and anyone who is directly connected to a university initiative.



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# UVic chemists partner with local pharmacy on mobile drug detector

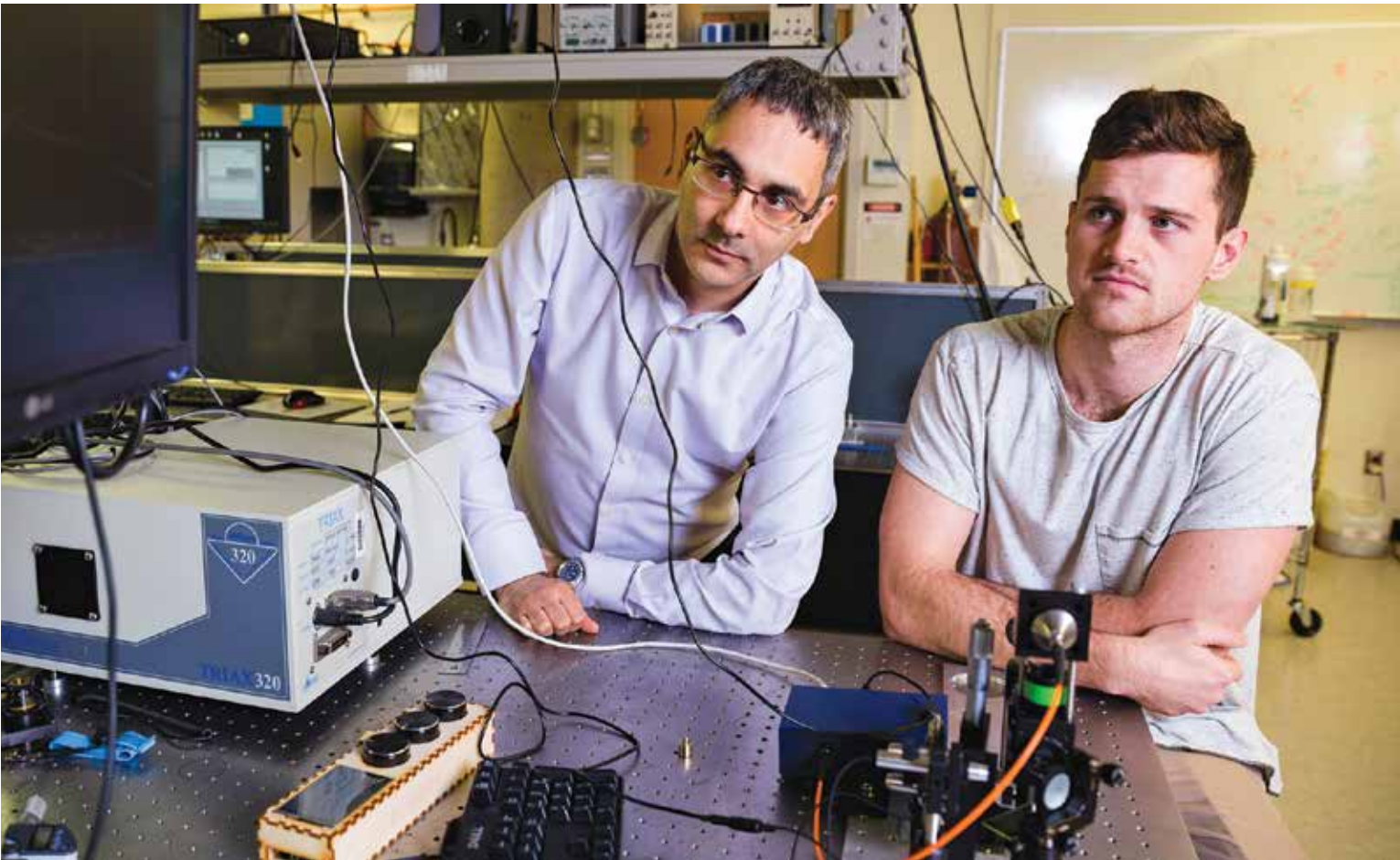
BY VIMALA JEEVANANDAM

With British Columbia’s drug overdose epidemic reaching record levels, health care providers are seeking new methods and tools to contain the crisis.

So last summer, when University of Victoria biophysical chemist Dennis Hore received a phonecall from a local pharmacist proposing an innovative partnership, he saw an opportunity to help.

The pharmacist, Alain Vincent of STS Pharmacy, specializes in assisting people in Victoria’s downtown with substance use issues. He wanted a way to detect and measure the levels of drugs that his clients were bringing in, particularly fentanyl, a deadly opioid involved in many of BC’s nearly 1,000 drug overdose deaths last year.

Since that call, Hore and his student Nic Medgyesi have been working with Vincent to develop an inexpensive mobile device that uses Hore’s expertise in vibrational spectroscopy and instrument design and Vincent’s insights into the problems that front-



Hore, left, and Medgyesi. UVIC PHOTO SERVICES

line health workers face when assisting drug users.

“The device we’re developing aims to measure how light, in the form of a laser, interacts with a tablet,” says Medgyesi, who’s been working to build and test early prototypes. “Each drug has a unique molecular fingerprint, so we should be able to determine

which drugs are present, and at what concentration.”

Measuring concentration levels is key to reducing the epidemic of fentanyl overdose. Fentanyl is 50 to 100 times more potent than morphine and difficult to measure accurately or safely without highly specialized equipment, making recreational users

of the narcotic particularly vulnerable to overdose.

The researchers now have a promising prototype. Over the next few months, Hore and Medgyesi will begin trials with STS Pharmacy to get a better idea of the device’s capabilities.

“While we’re starting with detecting

and measuring just a few drugs, there’s the potential to build a database of information about an array of substances,” says Hore. “We’re aiming to build a tool that could be used by a range of health and social service providers.”

The initial research was funded by a Natural Sciences and Engineering Research Council Engage Grant.

# Board approves budget framework for the new fiscal year

The Board of Governors approved a \$356-million balanced operating budget for the 2017/18 fiscal year at its March meeting.

The three-year Planning and Budget Framework outlines the university’s commitment to quality enhancements, including student and faculty supports, to further build on excellence in education.

Within the context of a financially constrained environment, UVic will also focus on key strategic initiatives including implementing UVic’s first Indigenous Plan, a renewed International Plan, the first Strategic Research Plan and an updated Campus Plan.

Enhancing quality and anticipating and meeting demand for programs remains a continuing focus for supporting students in and beyond the classroom. Central to attracting and retaining the very best students includes a commitment to scholarship programs for both undergraduates and graduates in an increasingly competitive environment.

To support student success, the budget provides additional resources for students in mental health, advising and counselling services, as well as health services, including those for students with disabilities.

Modest increases to the faculty complement are included in the budget as well as enhanced supports and resources for the Learning and Teaching Centre, particularly around supporting faculty and academic units as they further Indigenize and internationalize curricula.

In keeping with the university’s mission, 80 per cent of the total operating budget is allocated to academic areas including faculties, research, libraries, student financial aid and student services.

After addressing annual requirements to cover compensation, contractual and regulatory requirements, and the recommendation of the interim report on sexualized violence, the budget allocates \$2.2-million toward academic priorities in the faculties; academic accommo-

dation services; Canada Research Chair institutional support; Strategic Research Plan implementation; inflationary and exchange rate pressures for library acquisitions; the employee return-to-work program; reputational advancement; technology systems support; and a renewal of the Office of Equity and Human Rights, including further support for sexualized violence initiatives.

As a publicly supported research university and consistent with Ministry of Advanced Education policy, domestic student tuition fee increases at UVic are limited to two per cent.

For the coming year, international tuition fee increases are decoupled from domestic fees to ensure that fee changes reflect approximate inflationary costs. As provincial funding doesn’t support international students, UVic has a responsibility to ensure that international students pay the full cost of their education and contribute positively to the university’s long-term financial stability.

With this approach, international tuition fees will increase by four per cent as of May 1, 2017, reflecting a pro rata share of inflationary costs.

To address affordability concerns, and consistent in approach with UVic’s needs-based bursary program, the budget also provides for an additional \$50,000 for international student financial aid, which represents a 10 per cent increase over current bursary funding. A further increase in bursary funding will be considered, if required.

After the four per cent increase, international tuition fees will continue to be lower than most peer universities in BC and Canada. For 2018/19, the university is reviewing both undergraduate and graduate international fees. This review will include consultations with students and others to understand the potential impact of increased tuition fees and the types of support services critical to student success.

Ancillary services are revenue-neutral and operate on a cost-recovery ba-

sis. For 2017/18, fee increases include a jump of six per cent in student housing fees; five per cent in residential meal plans; three per cent in parking fees; a three to four per cent increase in childcare fees; and a two-per-cent rise in athletic and recreation fees.

The student housing fee increase is in the third year of a 10-year financial plan required to address deferred maintenance in the residences. At the end of the plan, UVic’s average costs for residence fees are projected to be 14 per cent below average costs at other universities.

For 2017/18, a total of \$5.2-million will be invested in major renovations for the McGill residences and Lam family housing, along with various minor renovations to repair or replace carpets, paint, stairs and furniture.

For more information see the 2017/18 Planning and Budget Framework document at [bit.ly/uvic-budget-2017](http://bit.ly/uvic-budget-2017)

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# UVic named top diversity employer—again

For the sixth year running, the University of Victoria has been named one of Canada’s Best Diversity Employers. Winners of the 2017 competition were announced on March 28,

Sixty-five employers across the country were recognized for leadership in creating inclusive and diverse workplaces and attracting and retaining employees from diverse communities.

UVic and Island Health are the only Victoria employers receiving the distinction. UVic is among seven Canadian post-secondary institutions being honoured.

Among UVic’s outstanding achievements cited by the judges was the establishment of the world’s first Chair in Transgender Studies, to further research topics on the lives of trans and gender non-conforming people.

UVic is also recognized for: its diversity writing contest, part of its annual diversity research forum; the Provost’s Advocacy and Activism Awards; preservation of the history of pioneering activists, community leaders and researchers contributing to the betterment of transgender people through UVic’s archives and libraries; the Centre for Athletics, Recreation and Special Abilities, with improved accessibility and family change rooms; and CanAssist, a university organization that helps people with disabilities improve their lives.

UVic has been a leader in inclusive hiring, especially for Indigenous, visible minorities and women faculty, and views



recruitment, retention and promotion of equity group members as a priority.

“We take a great deal of pride in being recognized this way for the sixth time,” says Valerie Kuehne, UVic’s vice-president academic and provost. “Our goal is to foster a welcoming environment across our university community and we strive every day to be supportive and inclusive to our students, staff and faculty.”

The year ahead stands to be an important benchmark in the evolution of UVic’s equity and diversity objectives. A recent review will bring together into one office all functions related to equity, human rights and diversity, as well as implementation of the new sexualized violence prevention and response policy, to serve the needs of students, staff and faculty on campus.

This decision provides the new director of this service with the opportunity to engage in a campus-wide consultation process. This will inform new community engagement structures that can best support the university’s commitment to equity, diversity and inclusion.



Exhibit co-creator Atri Hatef arranges ceramic fragments in the Legacy Maltwood Gallery, located in the McPherson Library. PHOTO: JOHN THRELFALL

## Learning through looking

### Art history and visual studies retrospective highlights breadth of visual, cultural and historical scholarship

BY JOHN THRELFALL

From Borneo textiles to the world’s largest button blanket, from a 15th-century alabaster religious carving to a 19th-century lady’s pocket revolver, from anarchist manifestos to a Jim Carrey movie, the objects studied by art historians continue to change with the times.

So too does the study of art history itself, as evidenced by the current Legacy Maltwood exhibit, *Learning Through Looking*, celebrating the 50th anniversary of UVic’s Department of Art History and Visual Studies (AHVS).

“Introducing people to the importance of art is only part of our job,” explains exhibit co-curator Atri Hatef. “Art history is not just about studying specific examples of art, objects and architecture, it’s also about how and why they were created, and what the similarities are across regions and centuries.

“The product of creation is sometimes less important than the process or intention of creation. It’s not just about the past and history, but also about the present and future.”

Hatef, a PhD candidate with a focus on Islamic medieval urban architecture, is acutely aware of what can happen when past and present collide.

“We’re usually looking at people who lived 700 or 800 years ago, but

consider what’s happening now in Syria, in Jordan, in many countries around the Middle East: we’re losing the very materials we’re supposed to be working with,” says Hatef, who is an Iranian.

“Seeing monuments destroyed in Aleppo and Palmyra is very painful, and you can see how these things could happen in other places—like Iran, which is under constant threat from the US.”

It’s no coincidence the exhibit is titled *Learning Through Looking*, says co-curator and master’s candidate Jaiya Anka. “While the intention of the exhibit is to tell the story of our department and to celebrate the scope of our teaching, we hope the significance of the discipline will emerge through the stories of the objects.”

Given the vast chronological and geographical range of objects on display, the diverse focus of the department’s teaching faculty is easy to discern. With cases dedicated to the eight full-time professors, as well as the history of the department itself, the exhibit nicely encompasses their global reach while still maintaining a local focus—the community engagement represented by the button blanket project, say, or the juxtaposition of 19th-century objects recovered from Swan Lake with pottery shards from medieval Cairo.

“We were pioneers in the field

when we were founded 50 years ago—not just in Canada but across North America,” notes department chair Erin Campbell of what was then the history in art program. “At the time, art history was very Western-focused but we were one of the few institutions willing to look at Asian and Indigenous art. And we’re still one of the largest world art history departments in Canada.”

Campbell says the recent addition of “visual studies” to the department’s title is indicative of changes to the world and the program itself, which continues to attract students from nearly every other faculty on campus with its popular range of electives.

“As society becomes more and more digital, the importance of visual literacy is obvious: visual studies has grown beyond art and architecture to include everything from fashion and advertising to film, graffiti and digital culture itself. It’s essential to keep up with that.”

Anka hopes the exhibit, which runs to April 30, captures the department’s far-reaching implications.

“Art history is a discipline that touches everything and changes the way we look at and understand the world. Each object has a story—it embodies a place, a time and a people, but also economics, chemistry, religion and language. Every day I learn something new, and I love that.”

## New Indigenous program is a first for Canada

A University of Victoria program in Indigenous nationhood that is the first of its kind in Canada will train the next generation of leaders, scholars and researchers in how law, politics and governance intersect at a critical time for Indigenous relations in Canada.

The Graduate Certificate in Indigenous Nationhood will train students at an advanced level to examine the challenges and opportunities facing Indigenous nations in their efforts to revitalize their political and legal traditions and governance structures.

Through various case studies, forms of knowledge, theories and approaches within and across the three areas of study, students will interrogate the political, legal, economic and social realities of Indigenous nations and peoples.

“There are calls for leadership and knowledge coming out of the

Truth and Reconciliation Commission. This multidisciplinary program will train students to be ready to do that work,” says program director Heidi Kiiwetinepinesiik Stark.

The three fields of study at UVic—political science, law and Indigenous governance—are notable for their Indigenous-based community-centred work.

The graduate certificate program starts in September and will serve Indigenous and non-Indigenous students. Some of the topics include Indigenous diplomacy and sustainable relationships, Indigenous resurgence and revitalization, self-determination and nationhood, Indigenous research methods, and community-engaged and community-led research.

For more information: [uvic.ca/indigenousnationhood](http://uvic.ca/indigenousnationhood)

## Protect yourself from an active threat

An active threat is an emergency event where an individual with a weapon poses an immediate danger to safety on campus. Active threats may use firearms or other weapons to cause harm. Active threat events are rare, but they can and have happened on university campuses in North America.

A new video provides information on how to protect yourself during an active threat.

“We encourage all students, staff and faculty to watch this video and consider the message of Get Out, Hide or Fight,” says Rob Johns, manager of emergency planning. “We hope that

we’ll never need to use this information, but it will help you to know what to expect if the unthinkable happens and provide tips on how to react more quickly.”

The video includes a dramatization of an active threat event and some viewers may find it disturbing. The video was produced by the Campus Alberta Risk and Assurance Committee with the participation of several Canadian post-secondary institutions.

To learn more about how to survive an active threat event:

- Visit the website and watch the video at [uvic.ca/activethreat](http://uvic.ca/activethreat).
- Attend a drop-in lunch-and-learn

training session (no registration required) on Tuesday, May 9 or Thursday, May 11 from noon to 1 p.m. in Cornett A129.

- Request an active threat training session for your unit or work group. Contact the personal safety coordinators in Campus Security Services at [psc@uvic.ca](mailto:psc@uvic.ca) to arrange a session.

Emergency Preparedness Week is May 7–13 and this year’s theme is “Plan. Prepare. Be Aware.” Check the UVic Emergency Planning website at [uvic.ca/services/emergency](http://uvic.ca/services/emergency) for more information about campus activities.





**Anny Schaefer**

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# Special events, video help mark UVic's participation in Canada's 150th

Canada will mark the 150th anniversary of the country's 1867 Confederation on July 1. As part of the sesquicentennial, UVic is holding a series of five signature events throughout 2017 under the theme "The Edge of what's next" to explore key opportunities and challenges facing Canadians over the next 50 years.

Three of the five events take place in April and May:

**EnVision 2017: Decarbonizing Energy and the Environment** (April 27–28). At this conference hosted by UVic's Institute for Integrated Energy Systems, academic, industry and government experts will discuss key issues related to climate change mitigation and decarbonization. The *Globe and Mail's* national affairs correspondent Jeffrey Simpson is the keynote speaker.

**Indigenous Peoples' Land Rights and the Roles of Ethnoecology and Ethnobotany** (May 2–5). Hosted by UVic's School of Environmental Studies, this symposium (already full to capacity) will explore land use and oc-



cupancy as reflections of Indigenous peoples' traditional ecological knowledge, as well as fundamental and longstanding connections to plants and habitats. The keynote speaker is award-winning essayist and novelist John Ralston Saul.

**Forgotten Corridors: Global Displacement and the Politics of Engagement** (May 15–18). UVic's Centre for Asia-Pacific Initiatives is hosting this 10th annual Canadian Association for Refugee and Forced Migration Studies (CARFMS) conference. Researchers, policy-makers and

activists from diverse disciplines and regions will discuss global displacement. Keynote speakers are Jyoti Sanghera (United Nations Office of the High Commissioner for Human Rights), Romola Sanyal (London School of Economics) and Sheila Watt-Cloutier (environmental, cultural and human rights advocate).

Also, a new UVic video, the first of three being produced to mark Canada 150, features student leaders talking about their hopes for Canada in the next 50 years and the contributions they aim to make to that vision. Watch it at [www.uvic.ca/canada150/](http://www.uvic.ca/canada150/).

In the next few months, UVic students have a chance to win \$500 by entering the "Oh, Canada! video contest" with a one-minute video about their own hopes for Canada's next 50 years. More info: [canada150uvic.hscampaigns.com](http://canada150uvic.hscampaigns.com).

To find out more about Canada 150 at UVic, as well as various other events including arts and cultural exhibitions hosted by faculties and departments: [uvic.ca/canada150/events](http://uvic.ca/canada150/events).

## Salvaged objects help Queenswood legacy live on at UVic and elsewhere

"We'll rig it for storage in the rafters until we have a use for it in a show. It's fantastic to get a fully wired light fixture like this," says Tim O'Gorman, technical director at the Phoenix Theatre, of a chandelier he "repurposed" from the former residence/care facility for the Sisters of St. Ann at Queenswood.

In preparation for building renovations at the site, several hundred items—fixtures, health care and commercial kitchen equipment, plumbing fixtures, millwork, appliances, even dishes and hot water tanks—have been salvaged for re-use by a variety of departments and off-campus organizations, including UVic Food Services, the University Club, Bamfield Marine Centre and Beacon Community Services.

"The best part of this story is how much value we were able to sustainably reallocate in a short period of time," says Stephen Wylie, UVic Purchasing's surplus asset coordinator, who managed the project with Uwe Bartley and Darwin Fritz of UVic Properties.

Renovations at the Queenswood site, including seismic upgrading,



O'Gorman and the chandelier. PHOTO: SUZANNE AHEARNE

began in March to pave the way for Ocean Networks Canada (ONC) to occupy the building in May 2018. The renovation work is supported by the federal government's Post-Secondary Institutions Strategic Investment Fund.

As part of the university's strategic long-term plan, UVic acquired the

six-hectare property, at the corner of Arbutus and Queenswood roads, in 2010 from the Sisters of St. Ann to accommodate future expansion of academic programs and research.

For more information on Queenswood visit [uvic.ca/campusplanning/completed-projects/queenswood](http://uvic.ca/campusplanning/completed-projects/queenswood)

## New exhibit marks Vimy anniversary

On April 9, Canada will mark the 100th anniversary of the Battle for Vimy Ridge. A new virtual exhibit of First World War historical material was recently unveiled by UVic Libraries in time for this important milestone.

*Victoriatovimy.ca* is a free online resource featuring over 3,700 digitized selections from the university's archival collections. It represents the documents and mementos families kept, used and cherished, providing comfort to loved ones and reminding returning soldiers of the battles they fought and the sacrifices they witnessed.

It also features local stories and diverse perspectives of the men and women who lived through the Great War, including Victorians Archie Wills, Joseph Clearihue (UVic's first chancellor, 1963–1966) and Theodore Monk. Stories of brave, ordinary Canadians

from across the country are also told in this exhibit, including one soldier who narrowly escaped passage on the Titanic and ended the war on the back of a camel—captivating the public with personal war-time experiences from 100 years ago.

"In showcasing our implementation of this open-source exhibit software, our digital collection enables increased access to our rare and unique materials, furthering our strategic directions in support of teaching, research and open access to Canada's documentary history," says Lara Wilson, director of Special Collections and University Archivist.

The Victoria to Vimy website invites everyone to explore personal scrapbooks, photographs and postcards or listen to interviews with over 40 local veterans of the First World War.



Joseph Clearihue in military uniform, portrait by a London studio (Bassano Ltd.)  
IMAGE: CLEARIHUE ARCHIVES



## Alcohol + energy drinks = increased risk

If you mix highly caffeinated energy drinks with alcohol you're increasing your risk for injury—both intentional and unintentional—says a new study by the University of Victoria's Centre for Addictions Research of BC (CARBC)

In the first systematic review of published research on the subject, Audra Roemer, a doctoral student in clinical psychology and the study's lead researcher, found that of the 13 studies that fit their research criteria, 10 showed evidence of a link between the use of alcohol mixed with energy drinks and an increased risk of injury, compared to drinking alcohol only.

"The stimulant effects of caffeine mask the sedative effects of alcohol," she says. "Usually when you're drinking alcohol, you eventually get tired and you go home. Energy drinks mask that, so people may underestimate how intoxicated they are, end up staying out later, consume more alcohol, and engage in risky behavior and more hazardous drinking practices."

However, given the variability in the relatively few studies on the topic to date, the authors could

not statistically determine the exact extent of the increased risk associated with mixing alcohol and energy drinks.

To get a closer look at the relationship between alcohol, energy drinks and injury—and in response to calls from Health Canada and others for more research in this area—Roemer is currently running a controlled emergency room study in Vancouver and Victoria.

"When we look at alcohol alone, there's a clear dose-response relationship: when you drink more, the risk goes up," she explains. With one or two drinks, the risk of injury is twice as likely as when completely sober. With six drinks, there's a six-fold increase in risk.

But when alcohol is mixed with energy drinks, Roemer has observed what she calls a surge in response—according to preliminary analysis based on a relatively small sample size, the risk of injury is somewhere in the order of 20 times greater.

The study was published in the March issue of the *Journal of Studies on Alcohol and Drugs*.

### CASSELLS CONTINUED FROM P.1

of its research and teaching, grow its reputation and find more ways to work with, and benefit, its students and communities, locally, nationally and globally, says Cassels.

"I'm optimistic about the prospects for UVic and am excited to lead the university through a new strategic planning process, commencing this year. This process will allow us to discuss the opportunities and challenges facing UVic and our community, and to work together to develop strategic directions for the next five years."

During his first term, Cassels led UVic in building on its strengths and advancing priorities and plans, including the formation of a new

Indigenous Plan; an updated Campus Plan; a renewed International Plan; a Strategic Research Plan; development of a sexualized violence policy; and enhancement of student services and financial awards.

Cassels also serves as president of the Research Universities Council of BC and chairs the research committee of Universities Canada.

Cassels was appointed Queen's Counsel in 2004 and has held a number of senior academic and administrative posts since joining UVic in 1981, including dean of law, and provost and vice-president academic. His full biography can be found at: [uvic.ca/president/about/](http://uvic.ca/president/about/).

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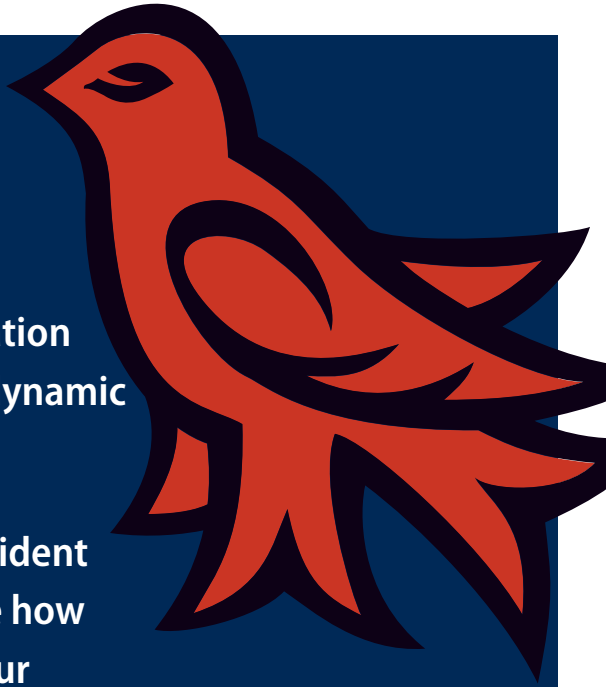


# REACH AWARDS

This May, an inaugural event—the REACH Awards—will combine the Teaching Excellence Awards with the Craigdarroch Research Awards into a single celebration that honours the extraordinary teachers and researchers who lead the way in dynamic learning and make a vital impact at UVic, in the classroom and beyond.

“The REACH Awards mark a new era of recognition for our university,” says President Jamie Cassels. “By honouring research and teaching together, we acknowledge how they’re inextricably linked for the betterment of our students, our university, our partners and collaborators, and society at large. I congratulate all of this year’s recipients.”

The awards will be presented at an evening ceremony on May 25 at the Royal British Columbia Museum.



Chappell. UVIC PHOTO SERVICES

## EXCELLENCE IN RESEARCH AWARDS

### DAVID H. TURPIN GOLD MEDAL FOR CAREER ACHIEVEMENT IN RESEARCH

**Neena Chappell**, Professor Emeritus, Sociology/Institute on Aging and Lifelong Health

“I focus on healthy aging rather than on illness, and on independence and dignity.” With these few words, Neena Chappell neatly captures the philosophy that has driven her trailblazing 35-year career in social gerontology and made her an international authority on aging. Her steadfast commitment to evidence-based change has profoundly influenced health care policy for the elderly in Canada and beyond, made community-engaged partnerships the norm in senior care research, and helped shape a national policy framework for active healthy aging. A tireless communicator, she continues to influence decision-makers and the public through her many publications (including 10 books), speaking engagements and media interviews.

*Research awards text by Valerie Shore*

## EXCELLENCE IN RESEARCH AWARDS

### SILVER MEDAL FOR EXCELLENCE IN RESEARCH

**Scott McIndoe**, Chemistry

Since arriving at UVic in 2003, Scott McIndoe has quickly established himself as a force within the chemistry department and in the global community of organometallic chemistry—the study of compounds and reactions that involve metal-carbon bonds. He’s considered the world leader in the mass spectrometry of organometallic compounds and catalysts, having pioneered a technique that is rewriting textbooks and attracting significant interest from academic and industrial collaborators. Along the way, he’s established a world-class research program, authored 90 publications, including three books, earned glowing reviews as a teacher and mentor, and helped rejuvenate the chemistry department’s first-year course curriculum.

### AWARD FOR EXCELLENCE IN KNOWLEDGE MOBILIZATION

**James Tanaka**, Psychology

It’s hard to imagine a better example of community engagement than the work of psychologist James Tanaka, an internationally recognized expert on the visual cues and thought processes our brains use to identify objects. His special focus is on face recognition by children on the autism spectrum. Through the UVic Centre for Autism Research, Technology and Education (CARTE), which he created, he and his team work with families, educators and community professionals to develop innovative, fun and low-cost technologies—computer games and apps—for improving face-recognition skills. This work is augmented with a range of hands-on outreach activities, successfully bridging research, education and community engagement.

### AWARD FOR EXCELLENCE IN ARTISTIC EXPRESSION

**Suzanne Snizek**, Music

During the dark days of Nazi Germany, many composers and performers of classical music were silenced due to their ideologies, the perceived aesthetic quality of their work, or their Jewish heritage. Many of these works are exceptional, but are rarely performed to this day. Music scholar and flutist Suzanne Snizek has dedicated much of her academic career to bringing this “suppressed music” back to life. Through audio recordings, publications, and performances and lectures around the world, she’s bringing these forgotten treasures back into our musical and historical consciousness and reminding us what can happen when the rights to free speech and artistic expression are violated.

### AWARD FOR EXCELLENCE IN RESEARCH PARTNERSHIPS

**Nikolai Dechev**, Mechanical Engineering  
**Arc Hub PNH**, Cambodia

Combine research, ingenuity and entrepreneurial spirit with a strong societal need and you get the Victoria Hand Project, a remarkable initiative that has literally offered a helping hand (or arm) to amputees around the world. Conceived in 2013 by mechanical engineer Nick Dechev, the project—now a non-profit entity—works closely with international clinical partners such as Arc Hub PNH in Cambodia to design and deliver low-cost, 3D-printed prostheses. To date, the project has delivered 70 prostheses to amputees in five countries, 25 of them through Arc Hub. More expansion is planned as the project advances its broader mission to engage developing countries in the 3D printing revolution.





Aragon. UVIC PHOTO SERVICES

# EXCELLENCE IN TEACHING AWARDS

## HARRY HICKMAN ALUMNI AWARD FOR EXCELLENCE IN TEACHING AND EDUCATIONAL LEADERSHIP

**Janni Aragon**, Technology Integrated Learning/Political Science

According to one former student, Janni Aragon is an outstanding educator because “she encourages her students to be thoughtful and creative, while demanding the very best out of them.” Aragon’s commitment to students is further exemplified by her willingness to keep in touch, mentoring them long after they’ve left her courses. She brings challenging issues—such as gender, race and cultural diversity—alive in her classrooms, while engaging students in innovative technologies such as Twitter, blogs, vlogs and much more. Her leadership as UVic’s director of Technology Integrated Learning and of the Interdisciplinary Minor in Technology and Society has been instrumental to the success of these units.

*Teaching awards text by Helen Raptis and Cynthia Korpan*

# EXCELLENCE IN TEACHING AWARDS

## GILIAN SHERWIN ALUMNI AWARD FOR EXCELLENCE IN TEACHING

**Valerie D’Erman**, Political Science

Valerie D’Erman consistently creates engaging learning environments by using thoughtful strategies to lead students—step by step—to carefully crafted learning outcomes. Whether through inspirational lectures, text critiques, debates or group projects, her classes are so motivating that students seek them out year after year. High student demand also reflects her ability to link complex political science concepts to the everyday lives of students as citizens and consumers. She prepares students for far more than remembering and reproducing academic content, tirelessly supporting them to develop transferable skills and qualities—such as critical analysis, the ability to build good arguments and open-mindedness—that will serve them well in future endeavours.

## AWARD FOR EXCELLENCE IN UNDERGRADUATE RESEARCH-INSPIRED TEACHING

**Sandrina de Finney**, Child and Youth Care

Sandrina de Finney ignites student passion for research through an inexhaustible repertoire of innovative teaching strategies, including interactive activities, case studies, and team-based and personalized learning. Her ability to enliven research among undergraduates is informed by her own internationally recognized research on Indigenous child welfare and foster care. De Finney’s teaching scores consistently exceed the averages of both her school and faculty and students characterize her as “accessible,” “engaging” and “inspiring”—in sum, “amazing.” By incorporating community-based practices into her teaching, she helps students address complex ethical and social problems, prompting her nominators to describe her as “a consummate public scholar.”

## AWARD FOR EXCELLENCE IN TEACHING FOR EXPERIENTIAL LEARNING

**Helga Thorson**, Germanic and Slavic Studies

Helga Thorson’s development of the I-witness Holocaust Field School is an outstanding model for achieving excellence in experiential learning. Reaching beyond the classroom to connect students to Holocaust memorialization in Central Europe, the field school has been transformative for students and faculty alike. Her groundbreaking work has resulted in cross-unit collaborations within the university as well as community partnerships both locally and internationally, bridging disciplines, nations and generations. At the core of Thorson’s work is a deep, determined commitment to social justice and to making the world a better place. According to her nominators and supporters: “Helga deserves this award, and probably several more.”

## AWARD FOR EXCELLENCE IN GRADUATE STUDENT SUPERVISION & MENTORSHIP

**Lynne Marks**, History

Lynne Marks’ record of mentoring graduate students to completion exemplifies excellent graduate student supervision. Since the mid-’90s, 100 per cent of her doctoral students and the majority of her master’s students have completed their degrees. Comments from her student nominators clearly illustrate how Marks achieves such a high success rate—through the brilliance she brings from her scholarship, the critical dialogue she encourages from students, her concern for their development, and her careful nurturing of their confidence. That guidance continues years after degree completion as she gently nudges former students to contribute to conferences, publish papers and teach courses. As one student nicely sums up: “She’s a remarkable mentor!”

# ANDY FARQUHARSON TEACHING EXCELLENCE AWARDS FOR GRADUATE STUDENTS

**Geraldine Gourlay**, Biology

“I’ve never had a teaching assistant more committed, more enthusiastic and more genuinely caring,” sums up one of Geraldine Gourlay’s students—a statement that encapsulates the infectious excitement she brings to her TA work. Gourlay has the ability to ignite learning in others due to her high expectations, respect for students and active mentorship. This is also evident through her work as a TA consultant in the biology department where she prepares and supports new TAs as they begin to learn about teaching.

**John Murray**, Anthropology

John Murray takes a proactive approach to learning and teaching. Realizing as a first-year master’s student that he would be assigned teaching duties as a TA, Murray enrolled in the two-year Learning and Teaching in Higher Education Graduate Cer-

tificate. Comments from his students, such as: “John made me want to learn more,” “John is an innovative instructor, bringing to life all aspects of the course,” and “His use of video and drawing helped me better understand the material,” illustrate why Murray is so deserving of this award.

**Kimi Dominic**, Sociology

Patient, honest, fair, professional and approachable are just a few of the adjectives students use to describe Kimi Dominic’s work as a teaching assistant. Dominic takes supporting her students’ learning seriously by providing ample guidance. For example, as a TA she developed online materials and interactive in-class instruction about how to successfully complete course assignments, provided continuous feedback to students, and maintained an open and respectful learning environment in and outside the classroom. As one student states: “Kimi is exceptional!”



Left to right: Murray, Gourlay, Dominic. UVIC PHOTO SERVICES





Physician James Felix and psychiatrist Marilyn Thorpe in University Health Services. UVIC PHOTO SERVICES

# New PIT system shows great promise

Clinicians and academics join forces to improve student access to mental health care services

BY KATE HILDEBRANDT

Staff and physicians with UVic’s Health Services Clinic have significantly reduced wait times to improve outcomes for at-risk students with acute mental health issues.

With a grant for a pilot project, Dr. Marilyn Thorpe, a psychiatrist in the clinic and the project lead, worked with colleagues and academic co-investigators from the School of Health Information Science to establish a new care pathway and online tracking system to triage and increase patient access.

The new system has sped up care, reduced pressures on local clinicians and raised clinic morale.

Inspired by the concept of a race car pit crew, Thorpe proposed that the care team work together—rather independently through the traditional referral system—to treat a patient simultaneously and compare observations to better support the patient in a time-sensitive way.

The 30-minute PIT appointments—named for the Psychiatric Interdisciplinary Team—incorporate the family doctor’s knowledge of the patient with a psychiatrist’s immediate assessment and care planning. Full psychiatric consultations are scheduled when a more comprehensive review is needed.

With the help of UVic health informatics researchers—Elizabeth Borycki, Andre Kushniruk and graduate student and project manager Helen Monkman—clinic wait times to see a psychiatrist have significantly dropped from an average 43-day wait in 2013 to 10 days in 2016 for a PIT appointment and 15 days for a full psychiatric consultation.

“Our mental health care and treatment community doesn’t usually think of health informatics as a source for these kinds of solutions,” says Kushniruk. “We had an opportunity to work with many different stakeholders and show them what we know and understand about health care communication and how data collection

processes influence decision-making.”

“We suggested creating a tracking system that not only followed patients and their care needs,” says Borycki, “but also facilitated the work of doctors and psychiatrists, as well as therapists and counsellors, to better coordinate scheduling.”

“We advised on what kind of data we needed to include in the study, why and where that data could be found,” says Kushniruk. “These and other factors made this research significant in that our statistical findings influenced clinic operations, which is not typical of our other UVic collaborations.”

Funding for the project was provided by the specialist services committee, a joint collaboration of the Doctors of BC, the BC Ministry of Health, and Island Health.

“To our knowledge, this integrated team approach is not being used at other Canadian campuses or in family practices in general. PIT holds great promise for adoption in any number of places,” says Thorpe.



The project concluded with a public panel where the visiting artists presented the week’s discoveries and answered questions from students and community members. PHOTO: CORINA FISCHER

# Visiting world-class artists inspire theatre students

BY TAYLOR CASWELL

In celebration of its 50th anniversary, the Department of Theatre gave each of its students a special gift this March: a chance to work with five internationally renowned theatre experts through a week-long series of innovative workshops.

Dubbed “The Tempest Orion Project,” these workshops explored how to approach Shakespeare’s classic play *The Tempest* from an acting, applied theatre, designing, directing or historical perspective.

“This week was a rare opportunity for the entire department to concentrate on one topic from various perspectives,” says department chair Allana Lindgren.

“While we do this with our mainstage plays, these intensive workshops focused more on experimentation and process than the end product, allowing students to delve deeply into the artistic and scholarly investigations that happen before a production even takes shape.”

The list of prestigious theatre guests included Ralph Alan Cohen, a professor in Shakespeare studies at Mary Baldwin University, who challenged students to re-involve the audience by utilizing conventions that were used when the Bard was alive.

Renowned actor, director and

dramaturge David Ferry’s workshops diverted from traditional methods to help students develop character backstories, imagine overcoming artistic obstacles, and bring the magic within a play to life.

Applied theatre practitioner Alison Jeffers from the University of Manchester explored how artists can use *The Tempest* to examine real-world relationships and power structures.

Acclaimed actor and director Meg Roe worked with students to dive into the text to create tools and make informed choices as performers.

Mexico-based theatre, opera and film designer Eloise Kazan’s workshops explored how she has approached the play’s set and costumes in the past and examined the design used in Julie Taymor’s film adaptation.

Students, faculty and the visiting artists left the week feeling inspired. “Some of my friends loved the workshops so much they kept taking more and did as many as they could,” says student Alexa D’Archangelo.

“It was also wonderful to see the artists incorporate each other’s ideas into their own workshops,” adds student Brendan Agnew, president of the Theatre Course Union. “I had a great time working with our visiting guests.”

# Why do men trophy hunt?

Paper examines evolutionary origins of the controversial practice

Why do men hunt large, dangerous and/or rare animals for trophies? Is it because they’re “sick” or “bloodthirsty” or other labels of contempt hurled their way by their many critics?

New research, published on March 29 in an opinion piece in the peer-reviewed journal *Biology Letters*, suggests that modern-day trophy hunting is actually status-seeking behaviour that can be traced back to our hunter-gatherer ancestors.

The theory is supported by evidence and inference from evolutionary anthropology, which shows a similar pattern in hunter-gatherers

across the globe.

“Across studied hunter-gatherer populations, men typically target the largest and most difficult animals to acquire. They accrue status by signaling that they can afford costly behaviour,” says Chris Darimont, Hakai-Raincoast professor of geography at the University of Victoria, who co-authored the paper with two evolutionary anthropologists from the University of Utah.

“Status is universally important to men because it attracts mates and wards off competition.”

This same motivation might ex-

plain the behaviour of trophy hunters, say the authors. “Killing large, dangerous and rare trophy animals is expensive,” says Darimont. “Whether they realize it or not, they’re likely hunting for status.”

Contemporary culture supports this status-seeking behaviour, notes Darimont. Trophy hunters commonly pose for photos with their kills and the internet now provides a vast audience to show off the high costs they’ve absorbed to elevate their status.

The research is especially timely for BC where the controversial spring grizzly bear trophy hunt began April 1, even

though polls show that a large majority of British Columbians are opposed to trophy hunting, says Darimont.

“Conservation groups are campaigning hard to put an end to trophy hunting,” he says. “What this theory suggests is that widespread shaming—similar to the Cecil the lion incident in 2015, which drew worldwide condemnation—might influence the future of trophy hunting. Shaming tends to erode status.”

The *Biology Letters* opinion piece “Why Men Trophy Hunt” can be read at [bit.ly/trophyhuntstudy](http://bit.ly/trophyhuntstudy)



Grizzly bear on BC’s central coast. PHOTO: VALERIE SHORE



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# Energy reduction continues to produce STARS sustainability gold

BY MEL GROVES

Swimmers in the McKinnon pool on a sunny afternoon probably don't realize it, but the warm water they're enjoying is—in a feat of engineering—heated by the air above them.

From his office laptop, UVic energy manager David Adams can log in to monitor the performance of the heat recovery air handling unit for the pool along with other campus buildings and systems.

"We look for ways to reduce energy consumption on campus, whether it's electricity, natural gas or water," says Adams. Like an energy sleuth with a laptop, Adams' day-to-day work involves conducting feasibility studies, building audits and economic analyses to identify projects that will achieve the university's sustainability goals, and increasing efficiency while saving money over the long term.

The McKinnon heat recovery unit is one of those opportunities. The silver rooftop boxes and piping network use dehumidification and heat pump technology to transfer energy from building exhaust air into heat for the swimming pool, leading to "huge energy savings and reductions in greenhouse gas emissions," says Adams.

"From this unit alone UVic is saving \$25,000 in natural gas costs and reducing its CO<sub>2</sub> emissions by more than 200 tonnes annually—the equivalent of taking 77 cars off the road."

The McKinnon project is just one of many initiatives that have helped UVic achieve its second gold rating with the Sustainability, Tracking, Assessment and Rating System (STARS). The 2017 score maintains UVic's gold ranking, originally established in 2014,

and makes it the second highest-rated university in Canada.

"I'm very proud that our campus-wide sustainability efforts have been recognized for the second time with this gold ranking," says Gayle Gorrill, vice-president finance and operations.

"We've made excellent progress toward the goals of our Sustainability Action Plan and this award demonstrates the commitment of our faculty, staff and students, who have embraced a culture of sustainability in teaching, research and operations."

UVic's STARS score of 76.79 improves on the 2014 total of 66.44, with high marks in the categories of grounds, purchasing, food and dining, waste diversion and water use, as well as building energy consumption.

"STARS is a comprehensive tool that shows us how the university is performing compared to other academic institutions in Canada," says Mike Wilson, director of campus planning and sustainability.

"In addition to our excellent performance in the air and climate category, UVic also garnered full marks for innovation due to unique campus programs such as the Staff Sustainability Network, the Campus Sustainability Fund and the Green Labs Program."

A newly released UVic report, the *2016 Progress Report on the Sustainability Action Plan: Campus Operations 2014–2019*, supports the STARS gold rating and reveals that the university has already met its current electricity and natural gas reduction targets, with steady progress toward the plan's other goals.



Adams and the McKinnon heat recovery air handling unit. UVIC PHOTO SERVICES

Other recent sustainability projects include:

- Improvements and upgrades to the UVic District Energy System that are expected to result in a 10 per cent reduction in campus natural gas consumption
- A geothermal heating and cooling system in the CARSA Building
- Demand control ventilation that detects when buildings are in use and automatically manages heat and light usage
- Expansion of the recycling program with a three-bin sorting system.

"I wanted to contribute by engineering solutions that reduce our impact to global climate change," says Adams, a UVic alumnus with a master's in clean air engineering.

"The university is well on its way to meeting and exceeding our energy reduction targets, and beyond 2019 we'll be looking at alternative energy sources and technologies so that we can shrink our carbon footprint even further."

View the full reports at [uvic.ca/sustainability/commitments/policy](http://uvic.ca/sustainability/commitments/policy).

## BY THE NUMBERS: 2015 compared to 2010

- 100% of new buildings constructed have achieved LEED gold certification
- 31% lower greenhouse gas emissions
- 30% reduction in paper use
- 19% lower natural gas consumption intensity
- 17% lower water consumption
- 9% lower electricity consumption intensity



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with **Malcolm Burrows**, Head of Philanthropic Advisory Services, Scotia Wealth Management

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Malcolm has 25 years of experience in working with clients to plan, structure and engage in philanthropy. As past-chair of various national committees and working groups, he contributed to the development of new charitable tax incentives included in the 2015 Federal Budget. Malcolm is co-editor of *The Philanthropist* and is a director of The Muttart Foundation, an Edmonton-based private foundation.

## Wednesday, May 10

Reception: 4:00 p.m. | Refreshments will be served.

Presentation: 4:30 p.m.

David Lam Auditorium, MacLaurin Building, University of Victoria

\$5 to attend. Register by May 5 at [cagp-acpdp.org/en/events/leavealegacy-vi](http://cagp-acpdp.org/en/events/leavealegacy-vi)  
For information, call or email Kristy Colpron at 250-721-6001 or [kristyc@uvic.ca](mailto:kristyc@uvic.ca)

In celebration of national Leave a Legacy month, this May event is proudly co-sponsored by:





# AWARDS CELEBRATE COMMUNITY ENGAGEMENT

BY JOY POLIQUIN

A sociologist, a chemical oceanographer and an anthropologist are the 2017 recipients of the Provost’s Engaged Scholar Award.

The award celebrates tenured faculty members who’ve made significant contributions to the world around us by blending outstanding scholarship, inspired teaching and community engagement.

At a March ceremony, Cecilia Benoit (Sociology/Centre for Addictions Research BC), Jay Cullen (Earth and Ocean Sciences) and Andrea Walsh (Anthropology) were conferred the five-year title of University of Victoria Community-Engaged Scholar. They also each received a one-time award of \$10,000 to support their research, teaching and community engagement.

“Cecilia, Jay and Andrea are exemplary in their collaborative approach to scholarship,” says Vice-President Academic and Provost Valerie Kuehne. “They’re community builders and their scholarship is evidence of the positive and vital societal change that comes from combining research, teaching and community partnerships.”

### Impact on public policy

Cecilia Benoit is a nationally recognized scholar whose research has illuminated the need for equitable health care for marginalized groups.

Benoit’s long roster of research interests includes midwifery and maternity care, health inequities of Aboriginal women in Vancouver’s downtown east side, young people

and health stigmas linked to obesity and asthma, street-involved youth in transition to adulthood, pregnant women and their families dealing with poverty and substance use, and sex workers of different genders.

Benoit has pioneered a community-based participatory approach to study how stigma affects these groups, using sound ethical protocols to ensure confidentiality and anonymity. Her research has had a significant impact on public policy and programs.

*“They’re community builders and their scholarship is evidence of the positive and vital societal change that comes from combining research, teaching and community partnerships.”*

### Demystifying science

Chemical oceanographer Jay Cullen has built a world-class marine geochemistry laboratory at UVic and collaborates widely within Canada and internationally.

In response to public concerns about contamination from the 2011 Fukushima nuclear disaster, Cullen

created and leads a marine radioactivity monitoring network that engages scientists in Canada, the US, health experts, NGOs and citizen scientists to monitor and report on detectable radioactivity in seawater and seafood along the coast.

Cullen routinely and adeptly uses print media, social media, public engagements, community meetings and TV and radio appearances to demystify the science on radiation risk and on other issues related to

anthropogenic contaminants, geoen-gineering and climate change.

### Respectful relationships

Anthropologist Andrea Walsh’s commitment to community engagement is evident in all aspects of her scholarship. As a visual anthropologist who specializes in 20th-century and contemporary Aboriginal art and visual culture in Canada, she considers the way colonialism has shaped relationships between Indigenous

peoples and institutions.

Walsh is the guiding force behind a movement to repatriate artwork created by Indigenous children in residential schools to the artists and their families, and to honour the experiences of these children through exhibitions in culturally appropriate and respectful ways—all in the name of education and reconciliation. For her work, Walsh was named an honorary witness to the Truth and Reconciliation Commission.



Left to right: Walsh, Cullen, Benoit and Kuehne. UVIC PHOTO SERVICES

A large advertisement for Waypoint Insurance. The top half features a photograph of a large, bearded man with a yellow headband, wearing a blue tank top and red shorts, performing a wide-legged yoga pose (Urdhva Dhanurasana) on a rocky outcrop. He has his hands pressed together in a prayer position. The background shows a lush green mountain landscape under a blue sky. In the top right corner of the photo is the Waypoint Insurance logo, which consists of two overlapping triangles (one blue, one green) above the text "WAYPOINT INSURANCE". The bottom half of the advertisement has a solid blue background with white text.

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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](http://events.uvic.ca).

- THURSDAY, APRIL 6**
  - Lecture/Seminar.** 3:30 p.m. *Building and Sustaining Interdisciplinary Studies on Campus*. Distinguished Women Scholar Julie Thompson Klein (Wayne State Univ.). David Strong C103. 250-472-5185
- FRIDAY, APRIL 7**
  - Lecture/Seminar.** 12 p.m. *Interdisciplinary Boundary-Crossing and Literacy for the Digital Age*. Distinguished Women Scholar lecture Julie Thompson Klein (Wayne State Univ.) Mearns Centre/McPherson Library 129. 250-472-5185
- TUESDAY, APRIL 11**
  - Victoria Natural History Society Lecture.** 7:30 p.m. *Small Packages, Big Egos: Mesocarnivores of BC*. Join Rich Weir, carnivore conservation specialist, BC Ministry of Environment. Fraser 159. Info: [vicnhs.bc.ca/](http://vicnhs.bc.ca/)



There's Blood in the Rocks, Legacy Gallery

at the galleries  
[uvac.uvic.ca](http://uvac.uvic.ca)  
250-721-6562

- Exhibit.** April 8 to Sept. 16. *Origin Stories*. First Nations prints and carvings. Guest curated by Jackson McDermott with Gillian Booth and Katie Hughes. As Canada celebrates 150 years since Confederation, the Legacy Art Galleries respectfully acknowledges a much longer history by presenting First Nations narratives that move beyond limited settler versions of history. Through prints and carvings chosen by guest curator Jackson McDermott (Dene/Cree) from the Fort Nelson First Nation, the exhibition explores centuries-old stories that continue to live in the people, communities, nations and lands of this place. Legacy Art Gallery, 630 Yates St. 250-721-6562
- Exhibit.** *There's Blood in the Rocks*. Video installation. "Indigenous blood is in the very land itself" by Marianne Nicolson. Organized by Gillian Booth and Katie Hughes. Kwakwaka'wakw artist Marianne Nicolson uses pictographic imagery and song in a quiet but powerful video installation that tells the often-silenced history of the 1862 smallpox epidemic in Victoria, which devastated thousands of West Coast First Nations people. Nicolson acknowledges the loss of her ancestors while affirming continued Indigenous presence on the land and the strength, endurance and resurgence of First Nations peoples over time. Legacy Art Gallery, 630 Yates St. 250-721-6562
- Exhibit.** April 19 to July 8. *Survival by Design: The Legacy of Early Modern Architecture in Victoria in the Urban Landscape*. Contemporary photographs by John Taylor and documents from the Pacific North West Architectural Archive, UVic. Guest curated by Martin Segger. Legacy Art Gallery, Inner Gallery, 630 Yates St. 250-721-6562
- Exhibit.** May 6 to Oct 8. *Survival by Design: The Legacy of Early Modern Architecture in Victoria: the UVic Gordon Head Campus*. Legacy Maltwood (at the Mearns Centre—McPherson Library). 250-721-6562

- TUESDAY, APRIL 18**
  - Anthropology Lecture.** 7:30 p.m. *Archaeological Society of BC: Lithic Technologies of the Discovery Islands: Materials, Stone Tool Production, and Communities of Skilled Practitioners*. Callum Abbott, graduate student, UVic. Cornett B135.
- FRIDAY, APRIL 21**
  - Music.** 9 a.m. and also on April 22 and 23. *West Coast Conference of Music Theory and Analysis*. The annual meeting of this organization with presentations by music theorists about a wide variety of topics. MacLaurin B037. 250-721-8634
- MONDAY, APRIL 24**
  - Victoria Natural History Society Lecture.** 7:30 p.m. *The Hidden World of Whales*. Rianna Burnham, post-doc, UVic Whale Lab. Fraser 159. Info: [vicnhs.bc.ca](http://vicnhs.bc.ca)
- WEDNESDAY, APRIL 26**
  - Victoria Natural History Society Lecture.** 7:30 p.m. *Birds of the Western Front*. Alan MacLeod, birder, historian and author. Fraser 159. Info: [vicnhs.bc.ca](http://vicnhs.bc.ca)
- WEDNESDAY, MAY 10**
  - HIS Seminar.** 12 p.m. *Exploring New Challenges for Health Informatics Research and Education in the Context of Precision Medicine*. Fernando Martin-Sanchez. Human and Social Development A150. 250-721-8576

**University of Victoria**

University Centre  
Farquhar Auditorium

**THE FARQUHAR AT UVIC**

**ARLO GUTHRIE**  
**THE RUNNING DOWN THE ROAD TOUR**



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Join us for HAPPY HOUR to celebrate the opening of

**FIVE**

An exhibition of contemporary art from Jeremy Mangan,  
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**5 pm to 7 pm**  
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Morell. UVIC PHOTO SERVICES

## On shaky ground

### UVic-led research reveals a new earthquake risk lurking beneath the Victoria region

BY VIMALA JEEVANANDAM

A University of Victoria geologist has led the discovery of an active fault line that runs a few kilometres from downtown Victoria, including the Esquimalt Lagoon area and just offshore from James Bay and Clover Point.

The international study published last month discovered that the Leech River fault, previously believed to be inactive, has caused at least two major earthquakes since the last glaciation over 15,000 years ago.

This makes the fault active and a potential hazard for the area. Information on the discovery was incorporated into the recent seismic vulnerability assessment commissioned by the City of Victoria.

Unlike the better-known Cascadia megathrust fault predicted to cause the earthquake referred to as the “Big One”—which is active every 300 to 500 years—crustal faults can display no detectable seismic activity for thousands of years, making them difficult to study.

Instead, Kristin Morell (School of Earth and Ocean Sciences) and her team read the trail of clues that earthquakes leave behind long after they’ve ended. By looking at topographic features, they can see how past earthquakes shaped the area.

“Now that we’ve identified that the Leech River fault is active, the next step is for us to nail down exactly when and how big the most recent earthquakes were,” says Morell. The information can then be used to help with hazard mitigation and emergency response planning.

“When we understand the risks posed, there’s a lot we can do to keep our communities safe.”

The study was featured this month in the Geological Society of America’s publication GSA Today. Contributors to the study included Lucinda Leonard and Vic Levson from UVic’s School of Earth and Ocean Sciences, as well as researchers from Boston University and Western Washington University.

The study was supported by the Natural Sciences and Engineering Research Council and the National Science Foundation.

## Don’t miss Connect U May 3–4

BY MEL GROVES

Connect U, the university’s all-staff conference, is back and better than ever. Registration for the May 3-4 event is free and open to all UVic employees.

“We’re encouraging staff who’ve never been to Connect U to come and check it out this year,” says conference sponsor Gayle Gorrill, vice-president finance and operations. “It’s a great way to meet your colleagues as well as build skills and learn more about the university.”

A pre-conference scavenger hunt kicks off the festivities on April 26 at noon at the MacLaurin pyramid. If you haven’t already registered your team of four, visit [uvic.ca/connectu/program/scavenger/](http://uvic.ca/connectu/program/scavenger/) and start brushing up on your campus trivia.

The conference sessions and campus tours take place each day from 8:30 a.m. to 3:30 p.m. This year early birds can get energized for the day by attending free morning bootcamp (May 3) or yoga (May 4) classes at CARSA.

All day at Cadboro Commons, participants can drop into the info

fair, featuring displays from a wide range of campus units (no registration required). The ever-popular campus tours will take participants “behind the curtain” in some fascinating campus locales, including the Phoenix Theatre and Enterprise Data Centre. The tours fill up quickly, so register soon!

A team of staff volunteers will again be helping the event run smoothly. “This will be my first time volunteering for Connect U,” says development officer Nicole Boulet. “I’m looking forward to the opportunity to help out and meet colleagues from across campus.”

The program line-up features something for everyone, including these new-for-this-year sessions:

- Keynote May 3: Chancellor Shelagh Rogers
- Keynote May 4: Nancy Mollenhauer, two-time Olympian, field hockey Canada Hall of Fame member and UVic alumna
- Meet members of the UVic executive, followed by a World Café
- Generation Z

- Creating vital impact in your everyday work
- Answering the call: Supporting the work of reconciliation
- Why should sexualized violence matter to everyone?
- Presentation of Staff Sustainability Champion Awards

“I’m really looking forward to presenting this year at Connect U,” says Jim Dunsdon, associate vice-president, student affairs. “I’ll be talking about some of the unique characteristics of our incoming “Gen Z” students as compared to previous generations, such as the millennials.”

Employees are welcome to register for one session or every session. Don’t forget to bring some cash for the 50/50 draw, with proceeds to the UVSS Food Bank and Free Store.

The President’s Extraordinary Service Awards take place immediately following Connect U on May 3—a great opportunity to come out and recognize the hard work and dedication of your colleagues. Full info and registration at [uvic.ca/connectu](http://uvic.ca/connectu). #connectu

## Momentous event in Victoria’s gay history inspires new play and course

BY ADRIENNE HOLIERHOEK

A new play by University of Victoria theatre professor Jennifer Wise celebrates a little-known event in Victoria’s gay history.

*A Queer Trial* tells the real-life story of John Butt, an openly gay man who in 1860 was acquitted of sodomy charges by two successive juries—the first jury preferring to spend a night in jail rather than convict him.

The site-specific play will be performed on Friday, April 14 in Bastion Square, the very site where the trial took place.

Wise found the story while researching her play, *The Girl Rabbi of the Golden West*. She immersed herself in archival documents and the 1860 police-court transcripts—which she used verbatim in the play. “I realized this story would serve as an ideal project for students to learn about site-specific theatre,” says Wise.

The development of the course was funded by UVic’s Office of Community-University Engagement, and the production of *A Queer Trial* in April is the culmination of the students’ work. It also reflects the knowledge of members of BC’s Indigenous, LGBTQ2, Jewish, Black and legal communities.

The students in Wise’s class have taken on key roles, from acting and singing to dramaturgy and historical research, from musical direction and choreography to costume design. The director is alumnus Matthew Payne, artistic producer of Theatre SKAM, a company acclaimed for its site-specific productions.

“We’re taking this beautiful message of tolerance and humanity right into the heart of the community,” says Wise, recognizing that recent political events have emboldened attacks on these communities at home and abroad.



Wise, in Chancery Lane off Bastion Square. PHOTO: ADRIENNE HOLIERHOEK

“As we celebrate Canada’s 150th anniversary, this play reminds us how essential this message of tolerance is in our world today.”

Wise’s last site-specific play also dramatized a surprising event in Victoria’s history. *The Girl Rabbi of the Golden West*, performed for Congregation Emanu-El’s 150th anniversary, told the story of Ray Frank, who served as the synagogue’s first female rabbi in 1895.

*A Queer Trial* will be performed twice on April 14—at 2 p.m. and 4 p.m.—using the heritage façades, doorways and wrought-iron architectural features of Bastion Square to advantage in celebrating this historic event.

View a student-produced video about this play at [bit.ly/uvic-queer-trial](http://bit.ly/uvic-queer-trial). The video was a finalist in the Research Reels Video Showcase competition at IdeaFest in March.



Participant in 2016’s scavenger hunt. PHOTO PROVIDED