At right: Francis Zwiers, director of UVic’s Pacific Climate Impacts Consortium (PCIC), enables strategies for better responses to climate change. PCIC science helps decision-makers mitigate risks from sea level rise (portrayed here by the blue-stripes painted under Vancouver’s Cambie Bridge) and events like wildfires, floods and droughts.
In 2018, the University of Victoria adopted a new strategic framework. It’s a map for future directions and change that builds on well-established strengths at UVic and challenges us to achieve even more in the years ahead.

The strategic framework will help us achieve our vision to be the Canadian research university that best integrates outstanding scholarship, engaged learning and real-life involvement to contribute to a better future for people and the planet.

The six high-level priorities of the framework also recognize that our values and our collective efforts put us at the forefront of two global challenges—sustainability and reconciliation—and that our achievements have been possible because of our drive to engage and partner with communities, researchers, governments, industry and funders around the world and in our own region.

These partnerships have been a key feature of our successes, as you’ll see throughout this year’s publication.

Jamie Cassels, QC
President and Vice-Chancellor

The University of Victoria acknowledges with respect the Lekwungen-speaking peoples on whose traditional territory the university stands and the Songhees, Esquimalt and W̱ SÁNEĆ peoples whose historical relationships with the land continue to this day.

AN EXTRAORDINARY ACADEMIC ENVIRONMENT

People and place provide the foundation upon which we provide an extraordinary environment for the creation, dissemination and mobilization of knowledge.

A milestone in music

UVic’s School of Music celebrated its 50 years at a gala anniversary concert with the UVic Chorus and Orchestra—the culmination of five decades of academic expansion, faculty excellence, inspiring teaching, alumni achievement and dedicated community outreach.
UVIC IS A DESTINATION UNIVERSITY with students from 100+ countries

75% OF ALL STUDENTS ARRIVE FROM OUTSIDE VICTORIA

A first in Canada for student leadership

For the past four years, at least one UVic student has been among the 10 national recipients of the 3M National Student Fellowship, presented by the Society for Teaching and Learning in Higher Education. But 2018 was the first time that three of the awards have gone to students from a single school.

Pictured above, UVic students Maxwell Nicholson (economics), Michael Graeme (anthropology and environmental studies) and Cara Samuel (psychology) were recipients of 3M fellowships—Canada’s top leadership award for students.

Student housing expansion

With the support of the provincial government, UVic is embarking on an ambitious new $201-million campus housing project, providing accommodation for an additional 620 students. “Students have enough stress in their lives without having to worry about finding a place to live they can afford,” BC Premier John Horgan told a crowd of about 200 at the announcement. “By increasing housing stock specifically for students, we’re also taking the pressure off local rental markets, giving more options to other renters.” Construction is planned over four years, with the first building opening in 2022.
RESEARCH EXCELLENCE AND IMPACT

UVic’s outstanding research advances human knowledge, improves and enriches lives, tackles global challenges and promotes the sustainability of the planet.

A vaccine candidate for syphilis

Microbiologist Caroline Cameron has been awarded a patent for a potential vaccine candidate against syphilis. The highly infectious nature of the disease makes it an enduring health issue. Worldwide, there are an estimated 11 million cases of syphilis each year, and rates of the disease in BC are at their highest in 30 years.
**Top 200 of the World’s Universities**

For leadership in earth and marine sciences, English language and literature, and geography (2018 QS Subject Rankings)

**UVIC is Ranked First in Canada**

For scientific impact in math and computer science (2018 Leiden Rankings)

**One of Canada’s Largest Concentrations**

Of ocean and climate researchers

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**Marine ecologist’s global impact earns national award**

Marine biologist **Julia Baum**—an international rising star in marine conservation ecology—is one of six Canadian researchers to be awarded a coveted 2018 E.W.R. Steacie Memorial Fellowship from NSERC. Baum studies how fishing and climate change are impacting tropical coral reefs, the most diverse of marine ecosystems.

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**Ocean Observatory completes installation of earthquake early warning sensors, begins trial of neutrino sensors**

UVic’s Ocean Networks Canada (ONC) has installed the final set of underwater earthquake early warning sensors off the west coast of Canada that will be part of an early alert system. The system will enable a warning of 20 seconds to two minutes in the event of a significant earthquake—time enough to take critical, life-saving actions before the shaking starts.

As part of its 2018 Wiring the Abyss expedition, ONC also installed specialized equipment at its deepest site in the northeast Pacific Ocean to assess the location’s suitability for a large-scale observatory for neutrinos—difficult to detect ‘ghost particles’ that could help answer fundamental questions in physics.

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**Consistently the Top University**

In North America for published research based on international collaborations (2011-18 Leiden Rankings)
UVic’s focus on teaching excellence, supported by research-enriched and experiential learning, ensures an exceptional student experience that equips our students for personal success and contributions as global citizens.

Dynamic learning and ocean sciences span every faculty at UVic. Students in historian Jason Colby’s course on whales, including Tim Cunningham (at left, lifting a juvenile orca skull), visited the whale specimen collections of the Royal BC Museum this fall.
UVIC OFFERS HANDS-ON LEARNING OPPORTUNITIES through co-op, field schools, research, internships and practica in 755 COURSES.

ONE OF CANADA’S LARGEST AND OLDEST CO-OP PROGRAMS
UVic has the most extensive co-op program in the country. Students in 51 academic programs—including Canada’s only co-op in law—alternate academic terms with paid, relevant experience. More than 40 per cent of eligible students take part in co-op.

NEARLY 3 IN 4 UVic co-op students receive an OFFER OF EMPLOYMENT before they graduate (74%).

UVIC OFFERS THE WORLD’S ONLY Indigenous co-op education program, providing students with culturally relevant work experience throughout their studies.

Embracing new opportunities During Kevin Perkins’ (right) co-op work term as a communications and fundraising strategist with the First Peoples’ Cultural Council—a First Nations’-run Crown corporation that supports the revitalization of Indigenous languages, culture and heritage in BC—he wrote content for the organization’s Indigenous Endangered Language app and helped coordinate education events. Perkins was also part of a team who coordinated an event to announce a $50 million investment from the provincial government towards First Nations languages advocacy, education and revitalization.
FOSTERING RESPECT AND RECONCILIATION

UVic’s goal is to be a global leader in creating better opportunities for Indigenous students, entering respectful educational and research partnerships with Indigenous communities, and advancing respect, reconciliation and mutual understanding.

At the launch of the world’s first Indigenous law program, Indigenous law student Colby Lizotte, a member of the Métis Nation of Alberta, addressed Elders, scholars, national and provincial leaders gathered at First Peoples House for the launch of the new Indigenous law program. UVic’s joint degree program in Canadian Common Law and Indigenous Legal Orders is the first of its kind in the world. Graduates will be able to pursue a career in common law enhanced with a deep understanding of Indigenous legal knowledge.
UVIC IS HOME TO CANADA’S FIRST INDIGENOUS NATIONHOOD GRADUATE PROGRAM


#1 CANADIAN COMPREHENSIVE UNIVERSITY for promoting Indigenous visibility (2018 MACLEAN’S RANKINGS)

A world leader in Indigenous language revitalization

UVic’s Indigenous language revitalization research and education programs aim to ensure Indigenous languages in Canada are spoken by new generations.

“The most powerful act of reconciliation that anybody could do in terms of Indigenous languages is to learn the Indigenous language of the land they are on,” explains Onowa McIvor, whose maternal family is maskêkow-ininiw (Swampy Cree). McIvor compiled a three-page guide for UNESCO about Indigenous languages in Canada listing ways we can all help support them. Our thanks to Dr. McIvor for her words—HÍSW̱ḴE!

TRANSFORMING INDIGENOUS EDUCATION

In 2017/18, Indigenous students made up 5.7% of the student population.

GRADUATES EXPAND THE HORIZONS OF THEIR COMMUNITIES

The entire staff at the Chisasibi Heritage and Cultural Centre in northeastern Quebec—all of whom speak James Bay Cree—enrolled in UVic’s certificate program in language revitalization, which teaches new approaches and practical strategies to strengthen language revitalization while honouring traditional knowledge and practices.

In 2018, 14 of the graduating students made the three-day journey to UVic to attend convocation. Their journey is more than geographical: it reflects the community’s determination to ensure their culture and language flourish. Memâhkewewin miwin!!
UVic has become a global leader in social, environmental and institutional sustainability through research, partnerships and campus policies.

Storing energy by mixing salt and fresh water

Places where saltwater and freshwater mix could well become natural batteries for electricity—an innovative complement to intermittent energy sources such as solar, wind and wave power. Entrepreneur and mechanical engineer Devesh Bharadwaj was still a UVic undergraduate when he founded Pani Energy Inc. with the support of UVic’s business incubator, Coast Capital Savings Innovation Centre, to develop technologies for fresh water and clean energy.
A glowing solution to festival litter

UVic undergraduate Paige Whitehead saw opportunity where others merely saw rubbish: in discarded glow sticks at music festivals. Whitehead developed a prototype light wand lit by bioluminescence, inside a seaweed-based casing that not only dissolves harmlessly wherever it’s discarded, but actually improves the soil.

Whitehead’s fledgling company, Nyoka Design, is getting support from UVic’s Coast Capital Savings Innovation Centre, an on-campus business incubator.

Gustavson achieves carbon neutrality for air travel

As a way to offset the frequent airplane travel that comes with being an internationally focused business school, the Peter B. Gustavson School of Business at UVic is going carbon neutral—believed to be the first business school in the world to do so. Gustavson is investing in three carbon offset projects that will improve living conditions in communities in Uganda, Honduras and Thailand, and two environmental projects in BC.
ENGAGING LOCALLY AND GLOBALLY

Working together for mutual benefit with community, private sector, government and other organizations, UVic is fostering connections and co-creating positive change.

Singing to fight the stigma and social isolation of dementia

Voices in Motion is a two-year UVic research study led by nursing professor Debra Sheets investigating how participation in a multi-generational choir impacts quality of life for persons with dementia, caregiver well-being and how it reduces some of the stigma surrounding memory loss.
Global partnerships that support academic and research connections span 300 INSTITUTIONS and organizations in 70 COUNTRIES.

GLOBAL PARTNERS INCLUDE TOP 100 UNIVERSITIES SUCH AS:

• Peking University
• University of Washington
• University of Tokyo
• Utrecht University
• National University of Singapore

ALUMNI AROUND THE WORLD
128,726 LIVING UVIC ALUMNI ARE IN 131 COUNTRIES AROUND THE WORLD FROM ARGENTINA TO ZIMBABWE.

UVic’s Master of Global Business program offers graduates the OPTION OF LIVING, WORKING AND STUDYING IN 4 DIFFERENT COUNTRIES.

Higher education frameworks for achieving UN sustainable development goals

UVic’s Budd Hall (at left) and Rajesh Tandon—in their shared role as UNESCO Chairs in Community Based Research and Social Responsibility In Higher Education—released a big tent declaration on higher education and the UN’s sustainable development goals in co-operation with the International Association of Universities and the Global University Network for Innovation in Kuala Lumpur in November.

Immersive experiences abroad do far more than shape students’ global perspectives—they deepen language acquisition and ground the study of human cultures in practices and places beyond our expectations. UVic humanities students have the opportunity to choose from study abroad programs in Spain or Ecuador, a semester abroad in Greece, international exchange programs in 21 countries around the world, or 10 hands-on field schools in places including Japan, Paris, China and Central Europe.

ATTRACTING STUDENTS FROM 129 COUNTRIES

International enrolment

UVic’s ANNUAL REVIEW
LOCAL AND GLOBAL ENGAGEMENT 29
A CANADIAN RESEARCH LEADER

Total research income (in millions) 2017/18

$118.6m RESEARCH INCOME TOTAL

- Federal tri-councils & CRCs $31.4m
- BCKDF $4.8m
- CFI $20.9m
- Contracts and other $62.5m

UVIC OPERATING BUDGET

- Undergraduate scholarships, bursaries, graduate fellowships & work study $16.4m
- Donor support Uvic foundation scholarships & other donor-based scholarships $7.5m
- Sponsored research Fellowships and research grants $12.5m

$36.4m STUDENT SUPPORT

PATHS TO EMPLOYMENT

Employment rates by degree area—two years after graduation

UVIC GRADUATES BY FACULTY | EMPLOYMENT RATE | AVERAGE ANNUAL INCOME
--- | --- | ---
BUSINESS | 91% | $62,334
EDUCATION | 86% | $46,177
ENGINEERING | 92% | $75,833
FINE ARTS | 88% | $45,042
HUMAN & SOC. DEV. | 96% | $64,858
HUMANITIES | 85% | $41,774
LAW | 100% | $84,633
SCIENCE | 79% | $52,264
SOCIAL SCIENCES | 86% | $48,156
UVIC TOTAL | 87% | $57,647

SPONSORED RESEARCH

BUILDING SKILLS AND CAREERS

Co-op and community service learning placements by employer type

INVESTING IN THE FUTURE

Endowment funds (in millions)

HIGH LEVELS OF SATISFACTION

2017 graduate survey—two years after graduation

- Overall program satisfaction 92% of recent UVic grads satisfied or very satisfied
- Satisfaction with quality of instruction 94% of recent UVic grads satisfied or very satisfied

UVIC FACTS & FIGURES

21,800 STUDENTS (UNDERGRADUATE & GRADUATE)

900 FULL-TIME FACULTY MEMBERS

531 PATENTS FILED TO DATE

1,065 INVENTION DISCLOSURES TO DATE

169 START-UP COMPANIES TO DATE

$3.7 BILLION UVIC ANNUAL ECONOMIC IMPACT

115TH IN THE WORLD AND THE TOP UNIVERSITY IN NORTH AMERICA, FOR INTERNATIONAL RESEARCH COLLABORATION ACROSS ALL SCIENCES (Leiden)

A digital edition of this publication, along with further information about each individual story, can be found online at uvic.ca/annualreview.

In keeping with the university’s commitment to sustainability, the UVic Annual Review is printed on FSC-certified paper containing 10 per cent post-consumer waste.

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