


THE **EDGE** OF ACHIEVEMENT

University of Victoria Annual Review

January 2017



University
of Victoria



UVic leads the Pacific Institute for Climate Solutions' 2060 Project, where researchers like Benjamin Lyseng examine electrical grid integration options—including wind, wave, solar and biomass sources—to create a future of clean, sustainable energy systems for Canadians.

“The UVic Edge is the combination of dynamic learning, vital impact and an extraordinary academic environment that can't be found anywhere else. This describes the advantage students gain by coming here; the commitment we've made to research that makes a difference; and the special characteristics of our academic community.”

—UVic President
Jamie Cassels

The Edge is here

The world is interconnected and ever-evolving.

Learning should be too.

Here, every student is immersed in dynamic learning fuelled by research-inspired insights and hands-on experiences—a powerful blend of career-relevant expertise and personal growth.

Studying sea, land and leadership

Students in the Redfish School of Change international field school travel by kayak, bicycle, ferry and foot—exploring the ecology and serving communities on both sides of the border in the Salish Sea.



Putting prosthetic assistance within reach

Engineering students Joshua Coutts and Pranay Shrestha took leading roles in the design and development of the *Victoria Hand*—a strong, functional, lightweight, aesthetically pleasing and dramatically affordable 3D-printed prosthesis. [▶](#)



On the fast track to the future

Engineering grad Nick Schwaiger has taken the inside track to innovation—from a UVic student team building and racing a formula-style car to a co-op placement at Tesla, where he found a new interest in cars that could drive themselves. He's now at Bosch, designing self-driving vehicle prototypes.



Art, advocacy and empathy for refugees

An innovative public administration course in international community development extended its reach from refugee fundraising to art that explores—and helps others empathize with—the moving stories and global scale of migration and refugee issues. [▶](#)

Our students and faculty are driven by a commitment to the urgent issues that matter to people, places and the planet.

Sustainability, healthy societies, social justice, jobs and a strong economy are at the core of our commitment to meaningful change.

Ocean Networks Canada: wiring the abyss
ONC's offshore expedition in summer 2016 deployed, maintained and recovered 180 instruments and laid 18 km of new fibre optic cable, significantly expanding the footprint and research capacity of its world-leading NEPTUNE observatory off BC's west coast. ▶



No vacancy: real estate and homelessness

The relationship between Vancouver's real estate boom and its homelessness crisis is more than just a trickle-down effect. Working with Vancouver's Union Gospel Mission, UVic researchers Bernie Pauly and Geoff Cross shed light on the precarious situation of many Vancouver-area residents. ▶



Big-science computing for ATLAS

Randall Sobie, a physics professor at UVic and a research scientist with the Institute of Particle Physics, is leading a project to build a distributed data and cloud computing system for the ATLAS experiment at the CERN Laboratory in Geneva, Switzerland. The new system will significantly advance global investigations into the fundamental structure of the universe.



Wave power for remote communities

Supported by the BC government and working closely with industry partners like AXYS Technologies, UVic's West Coast Wave Initiative is investigating the potential of ocean waves to generate clean, renewable and affordable electricity—reducing reliance on diesel generators for remote communities along BC's coast. ▶

Our Pacific Rim location breeds a passion for exploration, inspiring us to defy boundaries, discover and innovate.

Living and working in one of the world's most environmentally rich regions, we build relationships essential to a vibrant learning community.

Power to the people

Indigenous Governance master's graduate Melina Laboucan-Massimo of the Lubicon Cree First Nation in Alberta planned the Pitapan Solar Installation, a beacon of hope and change for Indigenous and environmental issues in her home community.



Audain scholar raises awareness with class and art

Rande Cook, chief of the 'Namgis nation and the first Audain professor to represent a Vancouver Island First Nation, supplemented his classroom teaching by modelling his own creative practice: [carving a pole dedicated to murdered and missing Indigenous women](#). "Poles tell the story of who we are," he explains.



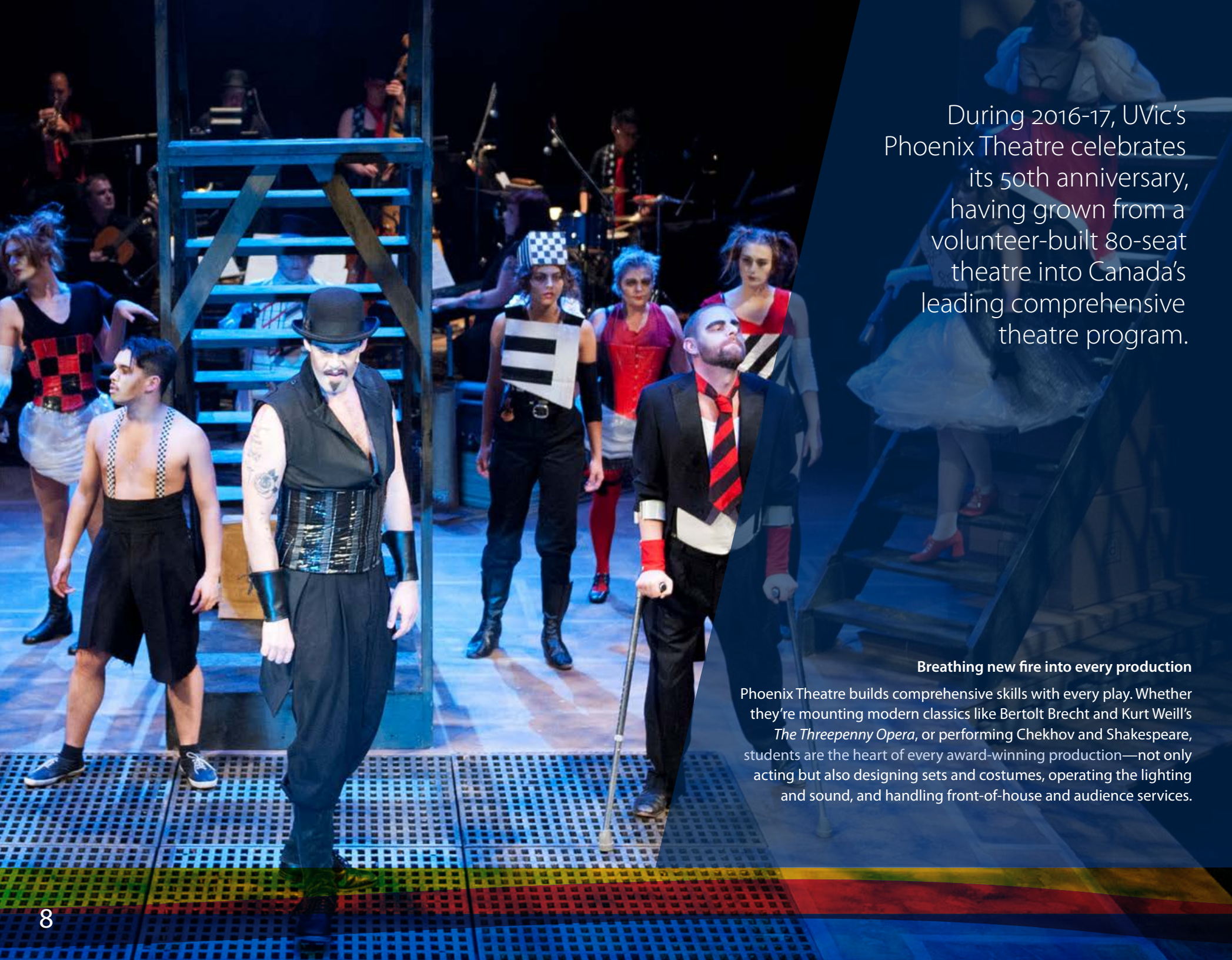
A whole different ball game

Growing out of a class project on adapted sports and recreation, Exercise Science, Physical and Health Education students Lindsay Webster and Radoslaw Wiechecki have established a [blind soccer program in Victoria](#)—held at CARSA. As an adapted sport, blind soccer exemplifies the essence of true inclusion: everyone has the opportunity to participate in the same way.



Language revitalization echoes across generations

Supporting the revitalization of Indigenous languages requires extensive cooperation, and UVic is at the heart of efforts all across Canada. Onowa Macivor, director of Indigenous education, and linguist Peter Jacobs are two of the many UVic experts collaborating with First Nations communities, [connecting generations of Indigenous language learners](#), and engaging in immersion classes and innovative grassroots projects. [▶](#)



During 2016-17, UVic's Phoenix Theatre celebrates its 50th anniversary, having grown from a volunteer-built 80-seat theatre into Canada's leading comprehensive theatre program.

Breathing new fire into every production

Phoenix Theatre builds comprehensive skills with every play. Whether they're mounting modern classics like Bertolt Brecht and Kurt Weill's *The Threepenny Opera*, or performing Chekhov and Shakespeare, students are the heart of every award-winning production—not only acting but also designing sets and costumes, operating the lighting and sound, and handling front-of-house and audience services.



Indigenous law grad student takes top SSHRC award

Aaron Mills, a PhD law student, was awarded the Social Sciences and Humanities Research Council of Canada Talent award—one of its top five Impact Awards—in November. Mills' work is at the forefront of the movement to restore and revitalize Indigenous systems of law, and speaks to central recommendations of the Truth and Reconciliation Commission report.



University 101 marks a decade of accessible humanities education

In 2016, UVic's University 101 program—which offers free, non-credit university courses to people who face significant barriers to post-secondary education—celebrated its 10th anniversary. With a core introductory curriculum grounded in the humanities and social sciences, the program has grown to offer a wider range of courses including poetry, the nature of memory and the human immune system.



Bystander intervention training added to campus safety initiatives

In Fall 2016, new bystander intervention workshops began at UVic, helping students learn practical skills to defuse potentially unsafe situations from spiraling into sexualized violence or sexual harassment. The program's goal is to train 1,000 students this academic year, adding to the range of other programs—such as Sexualized Violence Awareness Week and the student-led Let's Get Consensual campaign—that support a safe, supportive and respectful campus environment.



International recognition for Indigenous entrepreneurship collaboration

The Northwest Aboriginal Canadian Entrepreneurs program was honored as one of the world's best community-business-education collaborations in 2016. The program—a partnership between Tribal Resources Investment Corporation, the Gustavson School of Business, industry and government, and representatives from Aboriginal communities—provides Aboriginal Canadians in Northwest BC with the skills, knowledge and mentorship to start their own businesses. 

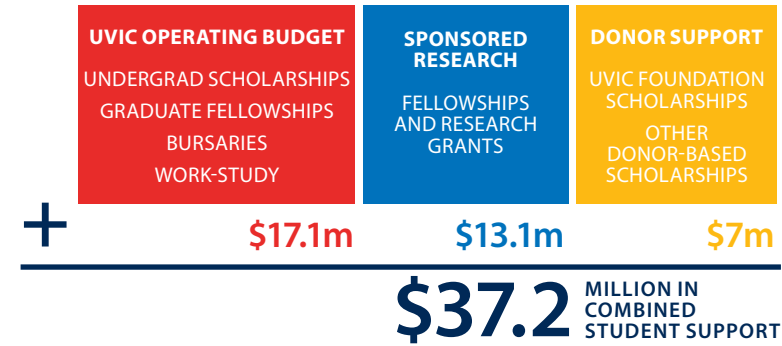


Governor General's awards to two champions of equity

Merna Forster, executive director of the UVic-led Great Unsolved Mysteries in Canadian History project, was awarded the 2016 Governor General's History Award for Popular Media, also known as the Pierre Berton Award, for her successful national campaign to depict women on Canadian banknotes. Sociologist Cecilia Benoit was also named one of six recipients of the Governor General's Award in Commemoration of the Persons Case, recognizing her work advancing the social rights of marginalized populations, especially women.

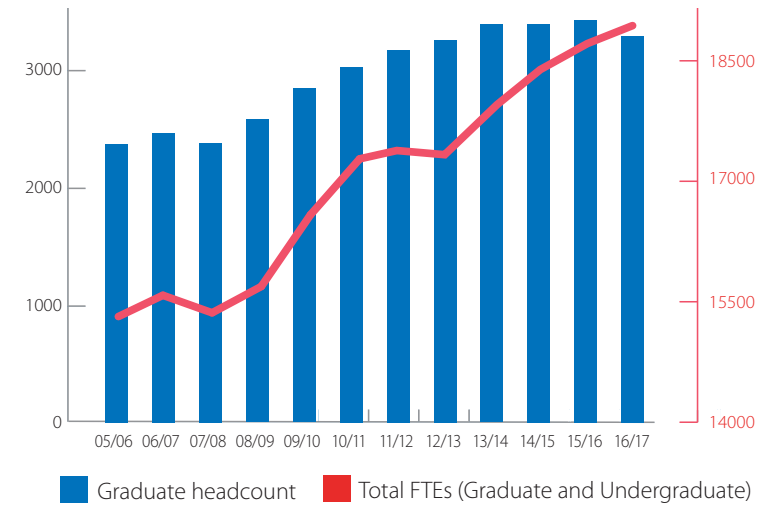
Supporting student success

In 2015-16, UVic's operating budget provided more than \$17 million in direct financial support to students, including more than \$8.8 million in undergraduate scholarships and \$4.1 million in undergraduate and graduate bursaries. UVic students also earned \$661,929 in work-study positions on campus.



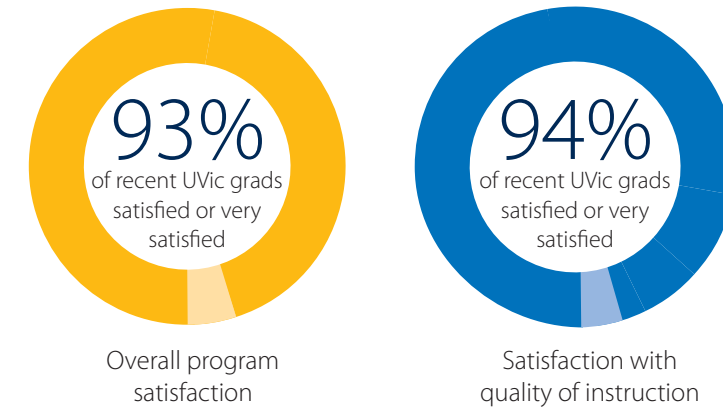
Cultivating outstanding scholarship

Graduate headcount and total FTEs



High levels of program satisfaction

2014 BC Baccalaureate graduate survey—2 years after graduation



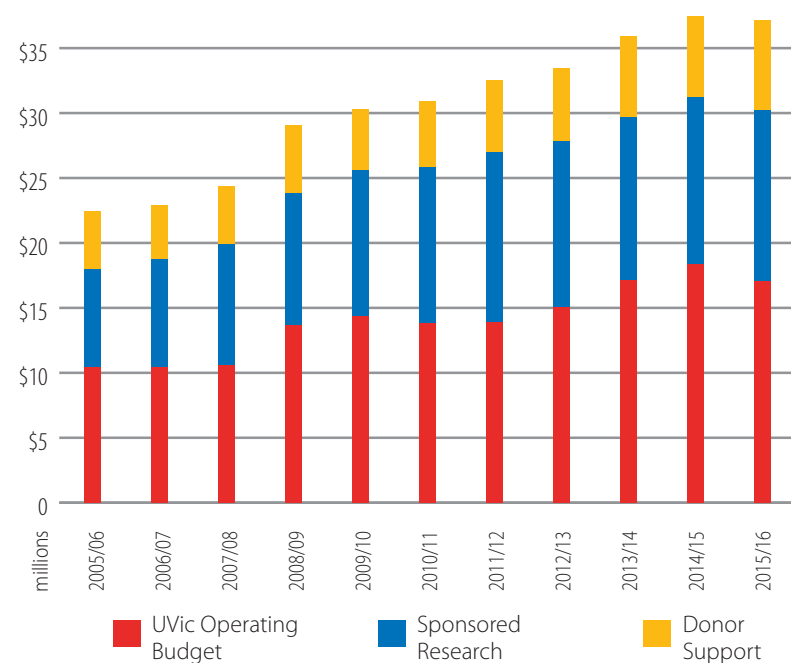
Paths to employment

Employment rates by degree area—2 years after graduation

UVic graduates by faculty	Employment rate (of those in labour force)	Average annual income
BUSINESS	99%	\$50,000
EDUCATION	95%	\$45,000
ENGINEERING	95%	\$74,000
FINE ARTS	88%	\$38,000
HUMAN & SOCIAL DEVELOPMENT	98%	\$64,000
HUMANITIES	86%	\$44,000
LAW	91%	\$76,000
SCIENCE	89%	\$48,000
SOCIAL SCIENCES	90%	\$46,000
UVIC TOTAL	92%	\$54,000

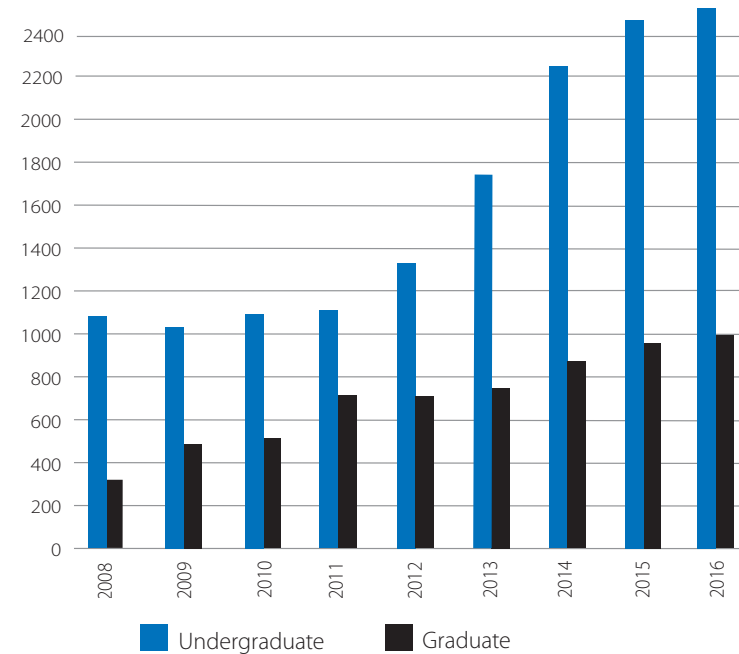
Growing levels of student support

Sources of student financial assistance



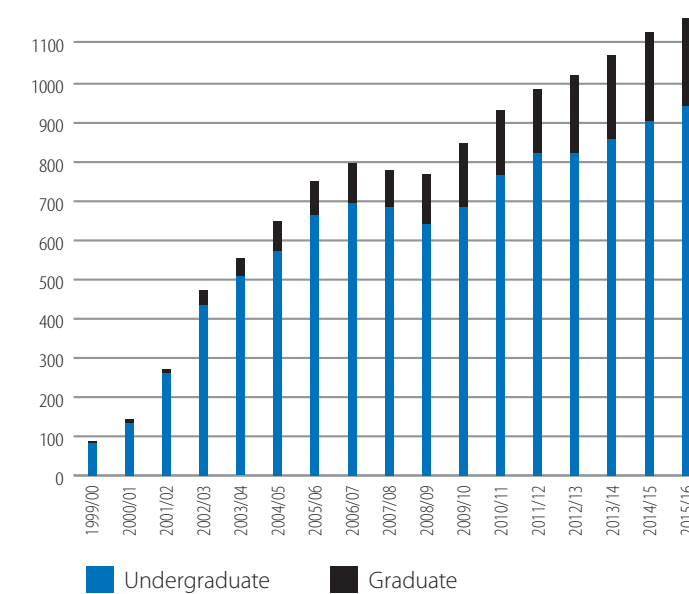
Attracting students from around the world

International enrolment



Transforming Indigenous education

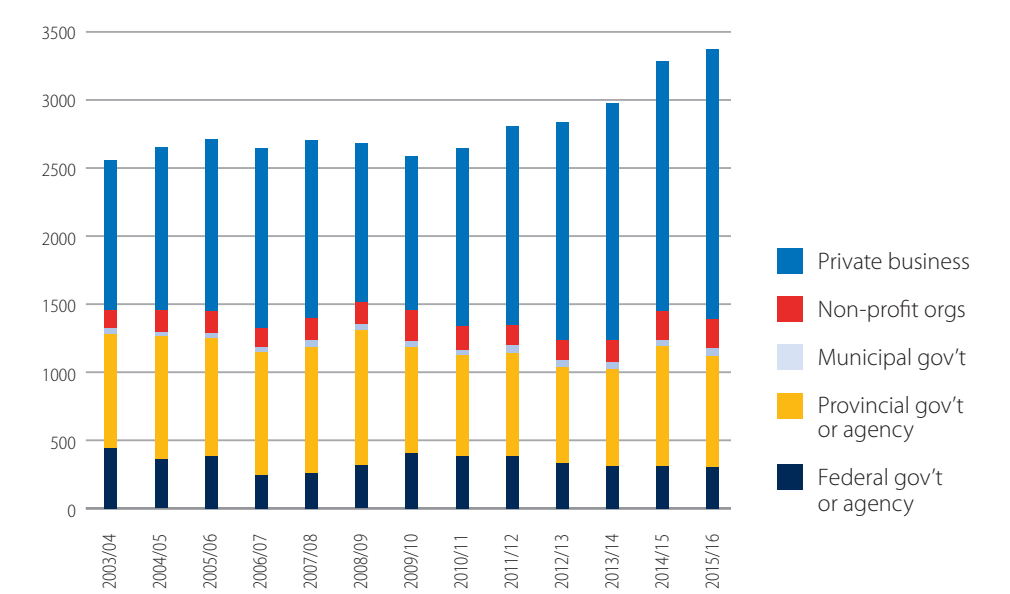
Enrolment of Indigenous students



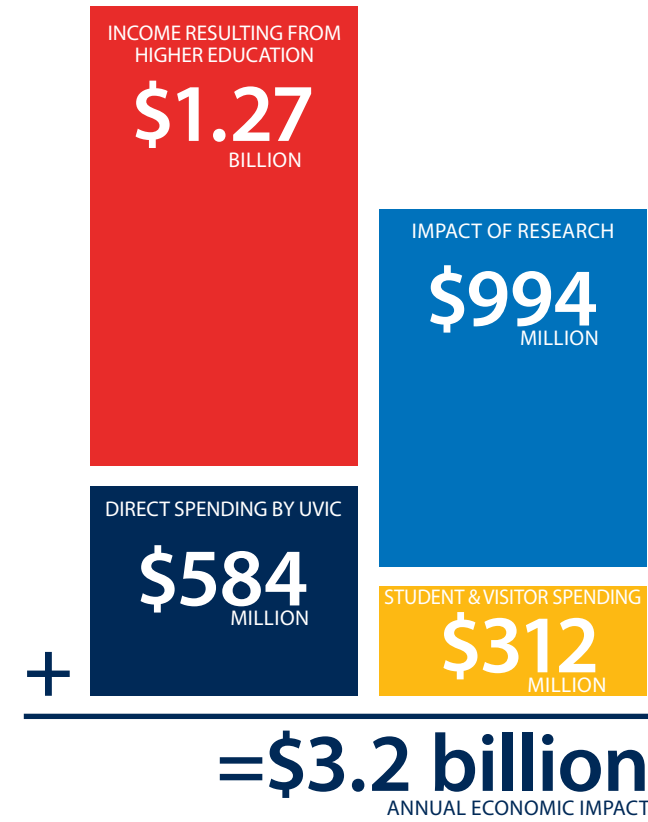
Data: University of Victoria Student Information Systems (ISIS, Banner) and Ministry of Education K-12 database and Student Transitions Project (STP)

One of Canada's largest co-op education programs

Co-op work term placements by employer type



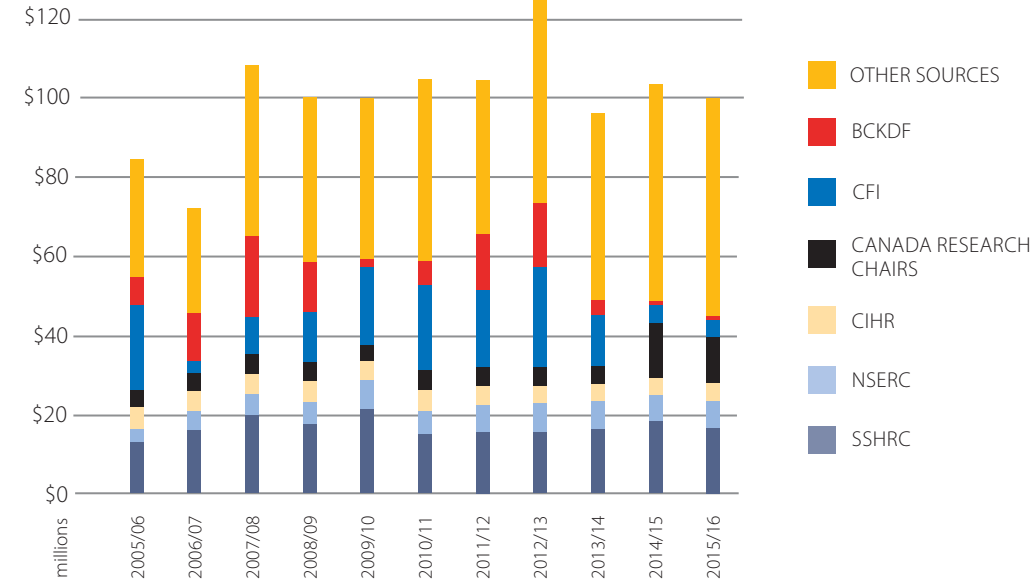
Driving Canadian prosperity
UVic economic impact



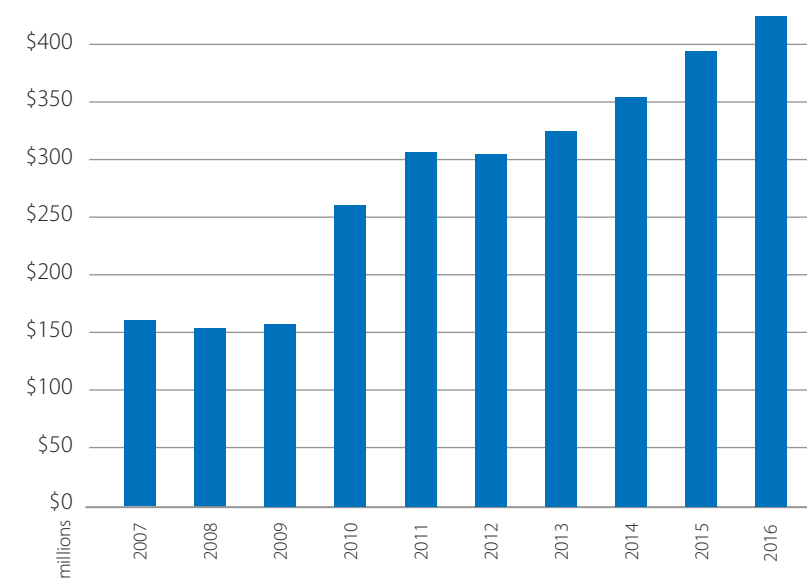
Alumni around the world
Graduates with global reach



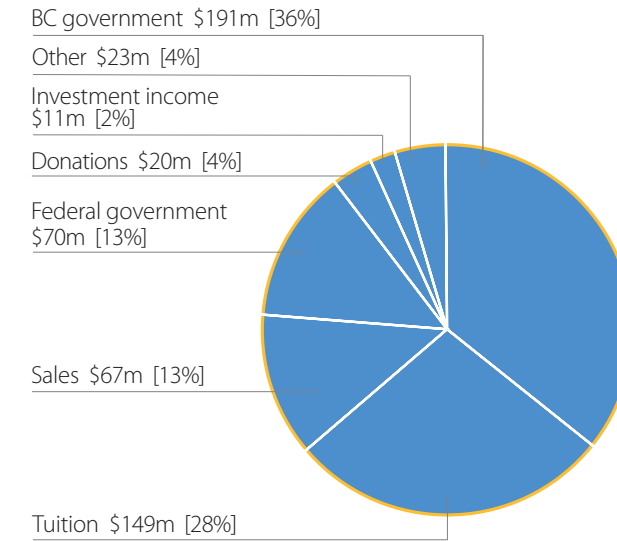
A Canadian research leader
Total research income



Investing in the future
Endowment funds

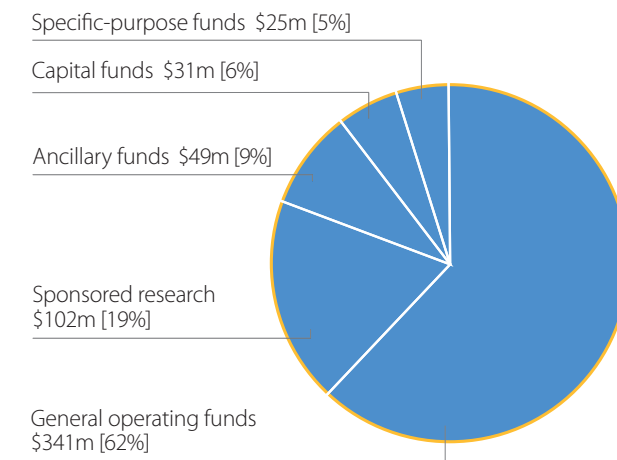


Revenues by source 2015/16
[Fund accounting basis. In millions.]



Revenues total = \$531 million

Expenditures by fund 2015/16
[Fund accounting basis. In millions.]



Expenditures total = \$548 million

UVIC FACTS AND FIGURES

Student enrolment (2016/17): 21,696 (including 3,307 graduate students)

Faculty and staff (Nov. 2016):

5,156 employees, including 874 faculty (44% female, 56% male); 651 sessional instructors; 1,156 specialist/instructional staff; and 2,475 administrative, professional and support staff.

International perspectives drive teaching and research.

Every year since its inception in 2011, the international Leiden university rankings have highlighted an indelible characteristic of the UVic campus—our global perspective. The data-driven rankings, produced by the Centre for Science and Technology Studies at Leiden University, consistently demonstrate that UVic researchers publish a higher proportion of research based on international collaboration than any other Canadian university. In addition, the UK-based Times Higher Education placed UVic at #175 on its January 2016 list of the world's 200 most international universities.

UVic among top institutions for sustainable practices.

UVic is recognized as one of the top performers in sustainability practices in the 2016 Sustainable Campus Index, released by the Association for the Advancement of Sustainability in Higher Education (AASHE). Using the Sustainability Tracking, Assessment and Rating System, AASHE assesses numerous categories of performance by colleges and universities in the US, Canada and around the world. In the report, UVic is highlighted as a top performer in the air and climate, and purchasing categories.

One of Canada's top diversity employers.

For the sixth year in a row, UVic was one of Canada's Best Diversity Employers in 2016. In all, 65 organizations from across the country were recognized for a range of exceptional initiatives to attract and retain employees from diverse communities. In addition, the federal government's Canada Research Chairs program has lauded UVic in recent years for meeting or exceeding its equity targets in all four designated groups. Since 2009, UVic has consistently met or exceeded its targets for hiring women, visible minorities, persons with disabilities and Aboriginal people as chairholders.

uvic.ca/annualreview

Stories with a  symbol have accompanying videos online at the Annual Review website.

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