



UNIVERSITY OF
CALGARY

Fast Facts

The University of Calgary 2009 - 2010



This is the University of Calgary

G13: The University of Calgary is a member of the 13 most research-intensive universities in Canada

Top 10: The University of Calgary is ranked one of the top 10 Canadian research universities

29,000 students in undergraduate, graduate and professional degree programs

14 faculties

100+ academic programs

30+ research institutes and centres

\$1.1 billion capital expansion underway

140,000 alumni graduated in 44 years

1,800+ academic staff

\$1 billion economic impact in the Calgary area alone

Founded in 1966 with the Scottish Gaelic motto *Mo shùile togam suas* – “I will lift up my eyes” – the University of Calgary continues to set its sights higher.

**This is the University of Calgary.
We're just getting started.**

Research

Interdisciplinary research at the University of Calgary is changing how we live our lives. From developing cleaner technologies to extract and process fossil fuels, to capturing and storing greenhouse gas emissions and creating innovative, viable alternative energy systems and better cities, world-class scientists at the University of Calgary are at the forefront of research into energy and environment.

Researchers from six faculties including the Schulich School of Engineering, medicine and kinesiology have developed game-changing imaging technology and produced a whole new calibre of artificial joints.

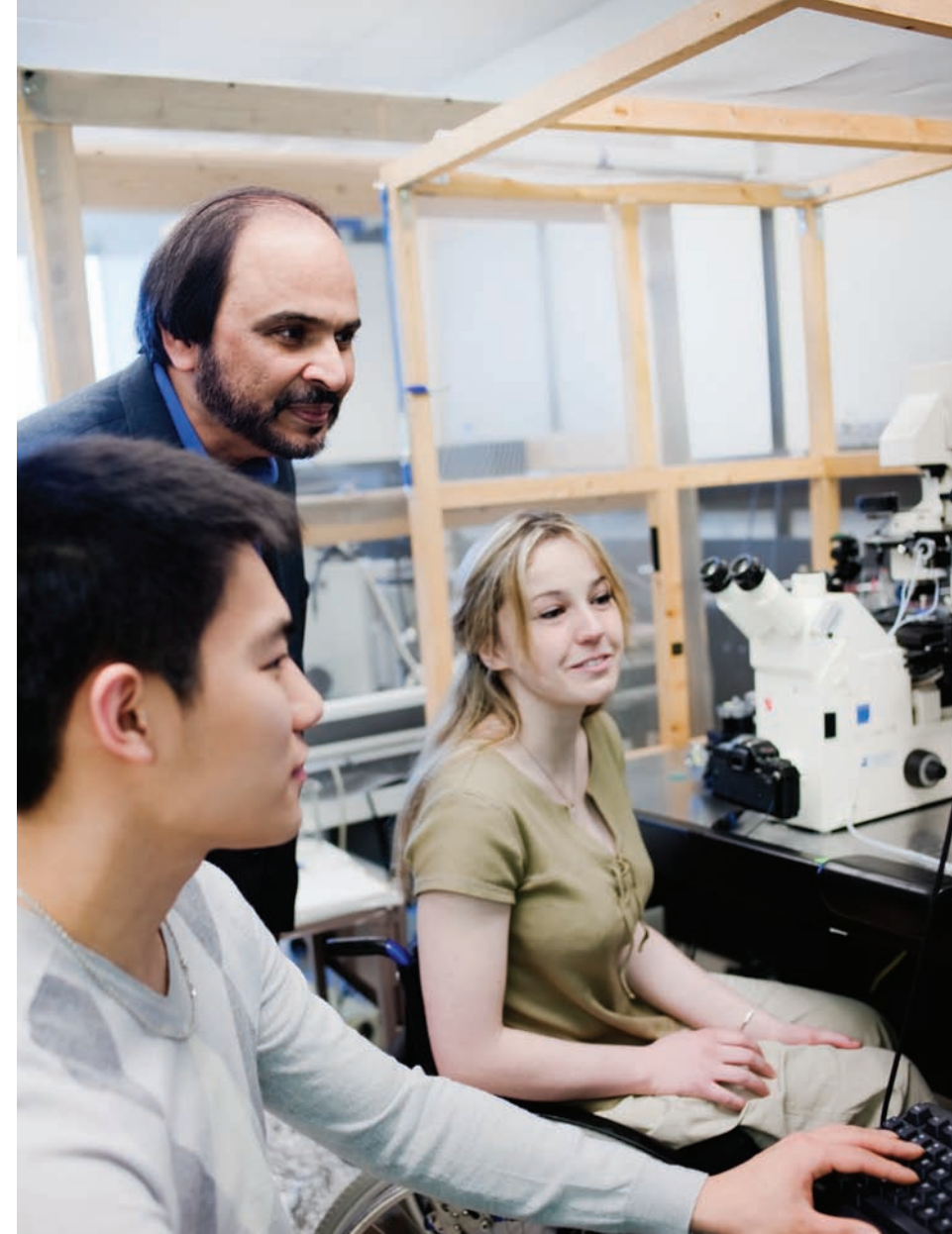
The University of Calgary is at the forefront of the emerging field of biomedical research, work that is improving health and wellness as well as transforming our economy.

The university's new School of Public Policy will lead the country in the breadth and quality of its education, analysis and research in areas such as tax and fiscal, energy, environmental, health, social, economic and international policy.

Other exciting research at the University of Calgary is happening in the fields of communication, culture, language and learning; ethics, social responsibility, and governance; information systems and technologies.

2009/2010

9th	Sponsored Research Rank (Canada)
\$271.9M	Total Sponsored Research Revenue
\$37.3M	Canadian Institute of Health Researchers (CIHR) Revenue
\$34.4M	Natural Science and Engineering Research Council (NSERC) Revenue
\$9.5M	Social Sciences and Humanities Research Council (SSHRC) Revenue
\$16.3M	Canadian Foundation for Innovation (CFI)



Dr. Naweed Syed's research and teaching focuses on how the nervous system controls rhythmic behaviors such as respiration and locomotion. His area of biomedical research is trying to develop brain-machine interfacing technologies for nervous system repair after injury and trauma, which could lead to bionic limbs that feed off of brain impulses controlled by microchips.

In this photo: In Dr. Syed's lab, undergraduate students Arthur Lee and Razelle Botha get an excellent opportunity to learn state-of-the-art modern neuroscience techniques ranging from electrophysiology to brain-chip interfacing, and are involved in a variety of different research projects.

Greener ways to extract bitumen are being developed by researchers at the Schulich School of Engineering by mapping heavy oil characteristics and exploring using solvents instead of steam in extraction.

Carbon Management Canada, hosted at the university, develops insights, technologies and policies to help reduce CO₂ emissions in fossil fuels extraction and production.

ISEEE's Dr. David Keith and his team are working to commercialize an air capture technology which could turn captured CO₂ into carbon-neutral synthetic fuels for vehicles.

In-situ Energy Centre researchers are working on the next-generation of technology, in situ upgrading, that will significantly reduce the use of natural gas and water in oil sands recovery and production.

Converting heavy oil into methane by using micro-organisms is a natural and cleaner way to get energy out of older reservoirs, work being done by Dr. Steve Larter, University of Calgary's Canada Research Chair in Petroleum Geology.

Fuel cells and batteries could help alleviate our dependence on fossil fuels and play a significant role in the use of solar and wind energy.

Connecting brain cells to a microchip, work led by Dr. Naweed Syed, will advance our understanding of how brain cells work and permit drug discoveries for neurodegenerative diseases such as Alzheimer's and Parkinson's.

A microchip to regenerate nerves will send out electrical signals encouraging nerve fibres to grow together and connect along specific pathways, bypassing scar tissue. Putting nerve communication back on track could create new lives for people with brain or spinal cord injuries.

The world's first MRI-compatible surgical robot, developed in part by Dr. Garnette Sutherland at the university, has revolutionized neurosurgery and other branches of operative medicine by liberating surgeons from the constraints of the human hand.



Academics

The University of Calgary has offers over 100 programs in 14 faculties with more than 60 departments and more than 30 research institutes and centres.

From pure science to social science—areas such as psychology and economics—to several options in health sciences, the university offers a wide range of options. Several professional schools, including the Haskayne School of Business, the Schulich School of Engineering, the Faculty of Medicine, the Faculty of Law, the Faculty of Education and the Faculty of Veterinary Medicine, give students choice and the ability to discover their passion.

The University of Calgary also encourages multi-disciplinary programs so students can combine their interest areas and create an education that suits them perfectly.

14 faculties:

- Arts
- Education
- Environmental Design
- Graduate Studies
- Haskayne School of Business
- Kinesiology
- Law
- Medicine
- Nursing
- Schulich School of Engineering
- Science
- Social Sciences
- Social Work
- Veterinary Medicine

30+ research institutes and centres including:

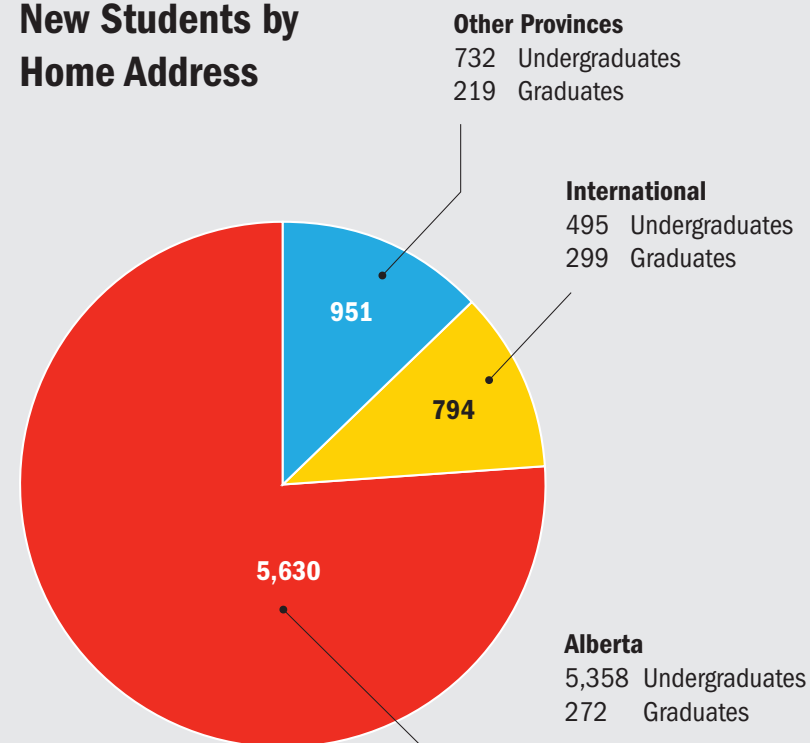
- Alberta Bone & Joint Health Institute (includes the McCaig Centre for Joint Injury and Health Research)
- Arctic Institute of North America
- Canadian Institute for Resources Law
- Centre for Environmental Engineering Research and Education
- Hotchkiss Brain Institute
- Institute for Sustainable Energy, Environment & Economy
- International Resource Industries & Sustainability Centre
- Libin Cardiovascular Institute of Alberta

Students

The University of Calgary's 29,000+ students enrolled in undergraduate, graduate and professional degree programs come from across Canada and around the world.

The Students' Union (SU) and the Graduate Students' Association (GSA) provide for the administration of student affairs and the promotion of their general welfare. The SU supports more than 220 clubs that enhance the quality of the student experience in athletics, music, theatre, social issues, volunteering, religion, cultural issues, politics and academics.

New Students by Home Address



Gender

46.9% Male
53.1% Female

Tuition

The typical undergraduate tuition for 2009/2010 was \$5,160

Graduation

5,888 degrees granted in 2009/2010

(Spring + Fall Convocations)

4,588 Undergraduate
1,072 Master's
213 Doctoral
15 Post-Diploma

2009/2010

Undergraduate degrees, diplomas, and certificates awarded by faculty:

1,619 Arts	290 Nursing
620 Science	224 Medicine
563 Haskayne School of Business	171 Social Work
481 Schulich School of Engineering	165 Kinesiology
373 Education	82 Law

2012

The University of Calgary's first class from the Faculty of Veterinary Medicine will graduate in 2012.

Alumni

While the University of Calgary's 140,000 alumni make remarkable contributions to communities in 148 countries around the world, almost 70 percent of grads stay close to home and live and work in the Calgary area.

In Calgary:

Alumni in the Calgary area include:

- 2,846 nurses
- 4,213 communications professionals
- 1,593 medical doctors
- 1,471 social workers
- 9,999 engineers
- 10,304 business grads
- 11,298 teachers

A few notable alumni in Canada:

- Stephen Harper, Prime Minister of Canada
- Benjamin Perrin, UBC law professor and anti-human trafficking advocate
- Kristina Groves, speed skater and four time Olympic medalist

Around the world:

- James Gosling, the inventor of Javascript, San Francisco
- Peter Lau, Chairman and CEO, Giordano International, Hong Kong
- Susan Smith, founder of international aid agency Atzin, Tlmacazapa, Mexico

And in space:

- Robert Thirsk, Canadian Space Agency astronaut, Houston (and beyond)
- Laura Lucier, NASA front-room flight controller, Houston
- Doug Hamilton, Canadian Space Agency flight surgeon, Houston

Campuses

The University of Calgary's seven campuses encompass 777,000 m² of space.

Main Campus

The University of Calgary's main campus is set amidst a beautiful, 123-hectare park-like setting in northwest Calgary. It features more than 20 academic buildings, a modern student centre, a variety of single and family residence facilities, a museum, a large concert hall, two child care centres and the finest combined athletic facilities in Canada—including the country's only covered speed-skating oval.



Foothills Campus

Just south of the Main Campus, the Foothills campus is home to the university's health and medical research facilities, including the Foothills Medical and Tom Baker Cancer Centres, the Heritage Medical Research Building (HMRB), Health Research Innovation Centre (HRIC), Health Sciences Centre (HSC) and the Teaching, Research and Wellness (TRW) building.

University Innovation Park

This collection of premier research facilities, adjacent to the Main Campus, supports the development of a province-wide culture of innovation while also increasing Alberta and Canada's capacity for technology commercialization.

Downtown Campus

The new campus in Calgary's downtown core will house some of the University of Calgary's continuing education programs, its executive and professional development programs, the School of Public Policy and other initiatives where students will benefit from being downtown.

Spy Hill Campus

About 20 minutes away from the Main Campus, the Spy Hill Campus is home to the new Faculty of Veterinary Medicine's Clinical Skills Building, grazing land and other animal housing. The site is also home to the High Density Library (HDL) which houses about 60 percent of the university's current book and journal collection as well as much of its archival holdings.

West Campus

The University of Calgary is planning to create a university town in phases over the next 30 years to provide services and amenities for students from rural Alberta, neighbouring provinces and the international community. Situated on 74 hectares of land immediately west of the Main Campus, the site offers spectacular views overlooking the Bow River Valley and the Rocky Mountains.

Doha, Qatar

The University of Calgary's campus in Doha, Qatar, has been offering a nursing degree program to residents since the fall of 2007.

Community

The University of Calgary receives gifts from alumni, corporations, foundations and friends; donations that shape the future of the institution and its students by supporting awards, leading-edge infrastructure and innovative research.

In just 44 years, the university has become a fundraising leader in Canada, raising more than \$84.1 million in 2009/2010.

The university has enjoyed tremendous success through campaigns such as REACH!—an unique Canadian initiative that raised more than \$300 million in partnership with the Calgary Health Region.

Generous corporate and individual donors have made a huge impact on the face of the campus with named faculties, institutes and buildings, such as the Dr. Fok Ying Tung International House, as well as millions of dollars of scholarships and bursaries for our students.

\$84.1M	Fiscal Year 10
\$103.6M	Fiscal Year 09
\$82.5M	Fiscal Year 08
\$101.4M	Fiscal Year 07
\$70.5M	Fiscal Year 06
\$63.4M	Fiscal Year 05

About Calgary

Calgary, the energy capital of Canada, is one of the top five fastest-growing cities in the country with a population of 1.065 million people.

Alberta is home to about 3.6 million highly educated people who have a relatively high standard of living.



The city and province are highly invested in the University of Calgary. In return, the University of Calgary contributes to their development, often in partnership with provincial institutions and corporate entities within the community.

Notable Rankings 2009/2010

	Rank
Maclean's Overall	7th
HEEACT Top Canadian Universities Overall	7th
U.S. News & World Report's Top 20 Canadian Universities	9th
ReSearch Infosource Inc.	9th





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