

2021 FACTS AND FIGURES

UNIVERSITY OF
WATERLOO



OPENING THE DOOR TO INNOVATION AND BOLDLY WALKING THROUGH TOGETHER

uwaterloo.ca/global-impact

Waterloo calls on all creators, explorers and boundary-pushing thinkers to join us in delivering solutions to today's and tomorrow's challenges in six critical areas:

- › **Human-machine interaction** – Developing technologies in the areas of health, security and the economy to improve lives now and in the future.
- › **Next-generation computing** – Finding new ways to use and protect data in a future where quantum technologies bring both promise and risk.
- › **Social and economic prosperity** – Examining how technology and policy play important roles in creating a world free from discrimination.
- › **Sustainable planet** – Exploring the implications of living in a period of climate crisis, while creating clean and sustainable energy alternatives.
- › **Technology and human health** – Changing the way we see individual and public health by integrating all disciplines in the search for solutions.
- › **Transformational discoveries** – Understanding that the next breakthrough to drive society forward will be built on the fundamental science that came before it.



YOU+WATERLOO

A model of a 21st-century university

Founded in

1957

with engineering and co-operative education as cornerstones

4 CAMPUSES LOCATED IN:

- > Cambridge
- > Kitchener
- > Stratford
- > Waterloo (main campus)

42,000+

full and part-time students enrolled in undergraduate and graduate programs (*Fall 2020*)

#1 IN CANADA

for computer science, mathematics and engineering (*Maclean's 2021, overall*)

6 FACULTIES

- > Arts
- > Engineering
- > Environment
- > Health
- > Mathematics
- > Science

1,380 FULL-TIME FACULTY

940+ male / 430+ female (*2020*)

EXPERIENCE-RICH EDUCATION

World-class scholarship deepens with work-integrated learning in the world's leading co-operative education program

Students graduate with up to **2 YRS** of paid work experience

25,000+
CO-OP STUDENTS ENROLLED

73% of all undergraduates
(Fall 2020)

#1

IN CANADA FOR EMPLOYER-STUDENT CONNECTIONS

#2 in Canada for partnerships with employers
(*QS Graduate Employability Rankings 2020*)

7,100+

active co-op employers
(2019-20)

69%

OF STUDENTS have an entrance average of 90% or higher (Fall 2020)

\$295.5M **REPORTED EARNINGS**

by Waterloo co-op students in 2019-20

WORLD-CHANGING RESEARCH

Changing the world begins with a passion

for discovery, broad research intensity

and focus on interdisciplinary strength

\$247.7M

IN RESEARCH FUNDING

from public and private sources (2019-20)

CREATOR-OWNED

Intellectual Property Rights Policy

CANADA'S

#1

RESEARCH UNIVERSITY

(comprehensive category) for 13 consecutive years (*Research Infosource 2020*)

1 NOBEL LAUREATE

2 Canada 150 Chairs

5 Killam Prize winners

30+

Senate-approved research centres

1 Canada Excellence Research Chair

74

Canada Research Chairs

100+

funded Research Chairs

26% research funding from corporate collaborations (2019-20)

STRONG STARTUP CULTURE

Waterloo's leadership in research
and entrepreneurship connects
Canadian academics with industry

5,000+ **JOBS CREATED**
across 400+ Velocity
startups from 2008-20

474
University
of Waterloo
entrepreneurs
have raised
\$12.9B
(Pitchbook 2020)

**VELOCITY IS
THE MOST
PRODUCTIVE
INCUBATOR**
by private investment
IN CANADA

92% ONE-YEAR
company survival rate
71% THREE-YEAR
company survival rate
(2019)

\$1.67B
INVESTED CAPITAL
in Velocity companies
since 2008

19% of tech founders in Canada
graduated from Waterloo
(University of Toronto Impact Centre 2019)

OVERCOMING THE STATUS QUO

We are committed to addressing the deep structural challenges to equity for marginalized communities in higher education and in society

PRESIDENT'S ANTI-RACISM TASK FORCE (PART)

works on building an equitable institution where all faculty, students and staff can learn, grow and thrive; where they feel valued, empowered, represented and safe
(membership announced December 2020)

80+

people working through PART and its related groups

175+

consultation hours conducted by BIPOC faculty, students and staff to inform the initiation of PART

33 deliverables identified *(2020)*

HUMAN RIGHTS, EQUITY AND INCLUSION (HREI)

68 workshops | **17** events

1,700+

engaged University community members in various forms of HREI training *(2020)*

HOME TO THE GLOW CENTRE

Canada's oldest continuously run LGBTQ2+ student organization since 1971

ACADEMIC STRENGTH

Waterloo's international community of students, faculty, staff, alumni, donors and partners understand that shared success makes us all stronger

4,500+

international student experiences (2019-20)

57 joint academic agreements

149 STUDENT MOBILITY AGREEMENTS

(2020)

22%

UNDERGRADUATE

40% GRADUATE STUDENTS

are international (2019-20)

\$46M

raised from

10K+ DONORS

across 39 countries (2019-20)

220,000+

ALUMNI IN 151 COUNTRIES

graduated since 1957

GLOBAL IMPACT

FIND THEIR STORIES AT:

uwaterloo.ca/global-impact

Get to know some of Waterloo's world-changing students, alumni and faculty in the *Global Impact Report*.



IYINOLUWA ABOYEJI



NAFISEH NAFISSI



JUAN MORENO-CRUZ



KEER LIU



HAMID TIZHOOSH



LAURA MIDDLETON

YOU+WATERLOO

Our greatest impact happens together.

In 1957, the University of Waterloo opened its doors to 74 engineering students with co-operative education as its cornerstone.

Today, with more than 42,000+ students attending annually, Waterloo is #1 in Canada for experiential learning and employer-student connections.

With a global network spanning more than 220,000 alumni in 151 countries, Waterloo attracts world-class scholars including a Nobel Laureate, leads in providing work-integrated learning opportunities with 7,100+ active co-op employers and fosters an entrepreneurial spirit that's created 5,000+ jobs through Velocity alone, Canada's most productive startup incubator by private investment.

This is why 474 Waterloo entrepreneurs have been able to raise \$12.9 billion since 2006. It's also why more than 10,000 donors from 39 countries donated \$46 million to Waterloo in 2019-20 and continue to donate today.

The University of Waterloo continues to spur innovation to solve problems on a global scale. Together, with the help of our partners and community, we can accomplish even more.

FIND OUT MORE AT:

uwaterloo.ca/global-impact

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