The University of Toronto is one of the world’s leading institutions of higher learning. Our tri-campus system is renowned internationally for groundbreaking research and innovative teaching that provides students with a comprehensive global education. We drive economic growth and promote social well-being around the globe.
A Worldwide Network of Excellence 2
A constellation of alumni, students and researchers ensures U of T plays a crucial role in our world.

A Global City 4
Toronto is a dynamic global city—a vibrant and diverse hub of business, culture and innovation.

A Global University 6
U of T is consistently ranked among the best universities worldwide and is a global leader in transforming innovative ideas into products, services, companies and jobs.

A Life-Saving Discovery is Born 8
2021 marks the 100 year anniversary of insulin—one of the most significant advances in medical history.

Incredible Breakthroughs 10
U of T researchers have made an astounding number of revolutionary discoveries that have changed life for the better.

At the Forefront of Combatting COVID-19 13
Since March 2020, U of T has been marshalling its resources with our hospital partners to make significant contributions to the worldwide battle against COVID-19.

Areas of Research Excellence 15
From AI to regenerative medicine to urban studies, U of T leads the way.

A Comprehensive Global Education 19
U of T prepares all its students for a rapidly changing world and is set apart by its excellence, diversity and accessibility.

Outstanding Alumni 21
Trail-blazing graduates apply their U of T education to inspire students and shine on the world stage.

Alumni Impact 25
U of T’s extensive alumni network is a significant driver of economic growth and societal well-being.

Looking to the Future 27
U of T is uniquely positioned to contribute to the world.
A WORLDWIDE NETWORK OF EXCELLENCE

U of T’s network is truly global. Few universities in the world can rival the international diversity of our alumni and student populations, while on the research front, our faculty collaborate with scholars around the globe. Today, U of T alumni live, work and contribute to civil society in more than 190 countries and territories.
Over 630,000 alumni in 190+ countries and territories.

More than 14,000 first-year students from more than 1,000 municipalities throughout the world.

More than 1,740 research collaborations that resulted in 25 or more publications over a three-year period. Only Harvard and University College London have more extensive collaboration networks.1

1 ONLY COLLABORATIONS THAT OCCURRED BETWEEN 2016 AND 2018 THAT RESULTED IN 25 OR MORE PUBLICATIONS ARE SHOWN. (UNIVERSITY SYSTEMS ARE EXCLUDED; THEIR INDIVIDUAL CONSTITUENT MEMBERS ARE INCLUDED.)
A GLOBAL CITY

Toronto is a dynamic global city—a vibrant and diverse centre of business, culture and innovation. Thanks to its attractive combination of liveability and ease of doing business, it has become one of the world’s leading tech centres. U of T and the Greater Toronto Area have grown together and will continue to do so into the future.

1 THE ECONOMIST INTELLIGENCE UNIT GLOBAL LIVEABILITY INDEX, 2018; 2 CBRE INC. 2020; 3 BBC RADIO, 2016 & CITY OF TORONTO DATA; 4 PWC CITIES OF OPPORTUNITY 7 REPORT, 2016
A UNESCO Creative City of Media Arts 5

Considered the best economy for young people 6

3rd largest design industry in North America 7

North America’s 4th largest city 8

5 UNESCO CREATIVE CITIES NETWORK, 6 THE ECONOMIST INTELLIGENCE UNIT, 2015, 7 CITY OF TORONTO DATA, 8 STATISTICS CANADA
A GLOBAL UNIVERSITY

RANKED AMONG THE BEST IN THE WORLD

The University of Toronto is Canada’s leading university and consistently ranked among the best universities worldwide.

Top 3 in the world for the performance of scientific papers.

1. Harvard
2. Stanford
3. University of Toronto
4. Johns Hopkins
5. University of London

U OF T’S POSITION IN WORLD UNIVERSITY RANKINGS

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DEMONSTRATED RESEARCH EXCELLENCE

U of T is an international leader in generating influential evidence-based knowledge, which plays an important role in attracting research funding. Our faculty consistently win more awards and prizes than their peers at any other Canadian university.

Consistently top 5 in the world for research impact.

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 Ranked in the Top 25 globally in 31 subjects.

in the company of Berkeley, Harvard, Cambridge and Oxford

$1.4B in annual research funding – U of T and partner hospitals

315 Canada Research Chairs

8 Nobel Laureates associated with U of T

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A LEADING ENGINE FOR INNOVATION AND ENTREPRENEURSHIP

U of T ranks number one in the world for industry, innovation and infrastructure.1 We’re a global leader in transforming innovative ideas into products, services, companies and jobs.

U of T Entrepreneurship ranks among the top university-managed business incubators in the world.5

U of T’s entrepreneurs have secured more than $1.5 billion in investment and created more than 500 startup companies over the past decade.

A leader among North American universities for research-based startups, inventions and licenses and options.6

3/4 of U of T inventions are co-developed by students or post-docs.

More than 1,000 patent applications filed since 2010

Entrepreneurial hubs across 3 campuses assist more than 300 student-led startup teams each year.

75%

97.6% of alumni are employed, compared to 93.6% for the total Canadian workforce.

$368B in annual revenues by alumni-founded ventures globally.

3.7M jobs created by alumni globally.

8th in global employability of our graduates in the company of Harvard, MIT and Cambridge.7

Driver of economies

U of T’s activities generate significant economic benefit for Canada, while our graduates are highly employable, thanks to their world-class educational experience.

4 TIMES HIGHER EDUCATION IMPACT RANKINGS, 2020; 5 UBI GLOBAL WORLD BENCHMARK STUDY 2019/20; 6 AUTM SURVEY DATA FY 2015 TO FY 2017; 7 TIMES HIGHER EDUCATION GLOBAL EMPLOYABILITY RANKING, 2020
A LIFE-SAVING DISCOVERY IS BORN

One of the most significant advances in medicine took place at the University of Toronto in 1921. Insulin was discovered by research team Frederick Banting, Charles Best, John J.R. Macleod and James B. Collip, in what is perhaps the best-known partnership in U of T history.

On this illustrious foundation, U of T and our hospital and industry partners built a culture of discovery, innovation and collaboration that has revolutionized health care in Canada and globally.

While a cure for diabetes is yet to come, the Nobel-prize winning discovery of insulin continues to save the lives of millions of people worldwide. Its ongoing impact is allowing generations throughout the 20th century and beyond to live up to their full potential.

2021 marks the 100th anniversary of insulin’s revolutionary discovery that sparked a culture of ingenuity and collaboration that continues to change the world.

Where will the next 100 years take us?
Clockwise from the top: James B. Collip; an early bottle of insulin filled on November 1, 1923 at the Connaught Laboratories; Frederick Banting (r) and Charles Best; John J.R. Macleod.
University of Toronto researchers have made an astounding number of revolutionary discoveries that have changed life for the better. Here are just some of the U of T breakthroughs that have enhanced the world’s collective knowledge.

**Cosmic Rays, 1903**

John Cunningham McLennan’s work on radioactivity contributed to the discovery of a penetrating radiation that passes through the atmosphere, now known as cosmic rays.

**Catalogue of Variable Stars in Globular Clusters, 1939**

Renowned astronomer Helen Sawyer Hogg published an extensive catalogue of variable stars in globular clusters, which has been widely cited in astronomical literature, enabling researchers to get a clear understanding of this vital work.

**Insulin, 1921**

In what is perhaps the most famous partnership in U of T history, Frederick Banting, Charles Best, John J.R. Macleod and James B. Collip discovered insulin—which has saved millions of lives around the globe.

**World’s First Electronic Pacemaker, 1950**

W.G. Bigelow invented the revolutionary pacemaker, and also demonstrated that lowering the body’s core temperature and oxygen requirements made open-heart surgery possible.
Marshall McLuhan’s influential study forever altered views about the effects of media upon people and their lives.

U of T researchers James Till and Ernest McCulloch uncovered the existence of transplantable stem cells, which are a vital source of treatments for a variety of diseases and conditions.

The Toronto Method, 1952

Biochemist Leone Farrell developed the Toronto Method, an innovative technique to radically increase quantities of the polio vaccine, involving bottles that gently rocked on a custom-designed machine.

Stem Cells, 1961

Infrared Chemiluminescence, 1986

John Polanyi was awarded the Nobel Prize for his discovery of infrared chemiluminescence, a method for understanding how molecules are reborn in a chemical reaction.

Two Genes Responsible for Early-Onset Alzheimer’s, 1995

In addition to playing a primary or partial role in discovering the approximately 20 genes associated with Alzheimer’s, Peter St George-Hyslop and his team have achieved success in determining the functions of amyloids, harmful proteins that build up in the brains of Alzheimer’s patients.

Understanding Media, 1964

Marshall McLuhan’s influential study forever altered views about the effects of media upon people and their lives.

Anatomy of Criticism, 1957

Northrop Frye changed the face of literary criticism with his seminal work, Anatomy of Criticism.
**Seismic-Resistant Systems, 2007**
Jeffrey Packer, Constantin Christopoulos, Michael Gray and Carlos de Oliveira founded the startup Cast ConneX Corporation, which is the industry leader in the use of cast steel components in constructing buildings and bridges.

**Deep Learning, 2006**
Geoffrey Hinton developed this machine-learning paradigm that underpins technology used for everything from speech recognition to self-driving cars.

Barbara Sherwood Lollar discovered the oldest known water on the planet, flowing two to three kilometres deep in the most ancient rocks of the Precambrian era.

**Uncovered GhostNet, 2009**
Ron Deibert uncovered GhostNet, a cyberespionage network that infiltrated government, economic and media systems around the world.

**Indigenous Languages Preservation, Present Day**
Keren Rice is one of the world’s leading experts in the linguistic analysis and preservation of Indigenous languages in Canada’s Northwest Territories.
AT THE FOREFRONT OF COMBATTING COVID-19

As the world grapples with COVID-19, U of T’s research, discovery and innovation continues to create meaningful and life-changing impact, joining countless other institutions globally to stop the spread of a dangerous disease. Since March 2020, we have mobilized our knowledge, expertise and resources to fight the pandemic and lay the foundation for recovery, working closely with our government, industry and hospital partners.

9th-largest source of scientific literature on COVID-19

According to a paper in the journal *Scientometrics*, in the first six months of the 2020, U of T and its partner hospitals comprised the world’s ninth-largest source of scientific literature on COVID-19, reaffirming our remarkable leadership role in illuminating this very challenging phenomenon.

Researchers pivoting towards a great challenge

U of T’s CL3 lab tested an antimicrobial coating’s efficacy and discovered that it deactivated over 99% of SARS-CoV-2 within minutes. The CL3 lab also validated that a common technique used to pasteurize breast milk inactivates the virus, making it safe for parents who use human breast milk banks to feed their infants.

Community responding quickly and creatively

U of T experts from a wide range of disciplines are developing new diagnostics and treatments, modelling the virus’s spread and providing life-saving care on the front lines. Our volunteer networks are supporting health-care workers, from grocery shopping to providing daycare. Researchers quickly jumped into action digitally fabricating PPE, ventilators and other critical supplies.
Experts serving as trusted advisors

At all levels of government, U of T experts in public health and public policy are serving as trusted advisors as members of the federal government’s COVID-19 Immunity Task Force, its Therapeutics Task Force, and the Ontario government’s COVID-19 Science Advisory Table, among others. Experts are also keeping the public informed with a daily presence in national and international media.

Faculty exploring pandemic-related issues

U of T researchers are tackling a wide range of issues, including how the pandemic has changed the way we work; what the mental-health outcomes in healthcare workers are; how it impacts homelessness in Canada; how the virus promotes stigma and misinformation and how to fight these challenges; and what the course of COVID-19 is in older adults so we can better identify the most vulnerable.

Charting a post-pandemic recovery path

U of T is also contributing to post-pandemic recovery efforts that ensure individuals, communities and businesses are not left behind. In August 2020, the Dalla Lana School of Public Health launched the Institute for Pandemics, the world’s first academic centre dedicated exclusively to preventing, preparing for, fighting and recovering from pandemic diseases.

“The speed and scale with which our entire community pivoted towards this great challenge has honestly been inspiring to behold.”

— Professor Scott Gray-Owen, Temerty Faculty of Medicine
AREAS OF RESEARCH EXCELLENCE

U of T is fortunate to enjoy exceptional strengths in a number of research disciplines. Here we have highlighted a few examples. All of these have global relevance and some are closely tied to the Toronto region’s leading industry hubs.

Artificial Intelligence & Machine Learning
We are world leaders in AI, and U of T graduates are some of the most sought-after people in the industry.

Cleantech & Renewable Energy
We have an outstanding record of global leadership in fields related to climate change, cleantech and biofuels.

Regenerative Medicine & Precision Medicine
We are internationally renowned for our work in regenerative medicine and precision medicine, which is addressing some of the most important health questions facing our society.

Legal Studies
Law at U of T is ranked 14th in the world, reflecting outstanding legal studies and exceptional scholarship in a range of research groups.

Fintech
Our researchers are developing frameworks that will underpin the next generation of fintech applications.

Genomics
Our groundbreaking work in genomics includes the discovery of a “genetic formula” that can help identify the likelihood a mutation will cause Autism Spectrum Disorder.

1 TIMES HIGHER EDUCATION WORLD UNIVERSITY RANKINGS BY SUBJECT, 2021
Our expertise on the well-being of children covers the very early days of life, empathy in young children and how to combat bullying.

More than 220 of our faculty focus on urban issues, creating solutions for real-world challenges facing 21st-century cities.

We are a hub for advanced materials and manufacturing research and test new ideas for boosting productivity, saving money and reducing environmental impact.

Our English language and literature is ranked 10th in the world, while we rank 11th in the world for philosophy.2

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2 QS WORLD UNIVERSITY RANKINGS BY SUBJECT, 2020
The University of Toronto is very fortunate to be situated in the midst of one of the world’s truly great metropolitan regions, with three campuses in three different parts of the Greater Toronto Area. This means that on our doorstep we have fantastic opportunities for both teaching and research, and our students benefit from being able to work on real problems with partners in the community around us.

— Meric S. Gertler, President, University of Toronto
The student-led Blue Sky Solar Racing team, assisted by alumni volunteers, promotes environmental awareness and innovation in technology throughout the Greater Toronto Area and further afield.
A COMPREHENSIVE GLOBAL EDUCATION

U of T’s global outlook, cosmopolitan location and international community provides students with a transformative educational experience. We continue to reinvent the way we educate students, equipping them with the knowledge and skills needed to navigate our rapidly changing world.

Top students from across Canada and around the globe are drawn to U of T for many reasons, but what sets this University apart is our excellence, our diversity and our accessibility.

Nearly 93% of U of T accomplished scholars teach undergraduates.

At least 46% of first-year Canadian undergraduates come from families with incomes of <$50,000.

69% of first-year students identify as a visible minority.

Students in Professor Joyce Poon’s lab gain hands-on experience in photonics, which is revolutionizing how data is transmitted.
**Tri-Campus System**

Our tri-campus system spans the Greater Toronto Area, which allows students to take part in work-integrated learning and specialized programming throughout one of the world’s most diverse urban regions.

**World-Class Hospitals and Health-Care Sites**

Our nine fully affiliated hospitals and 12 community-affiliated hospitals and health-care sites offer teaching and research experiences for our health-sciences students and are among the best in North America.

**Smaller Learning Communities**

Smaller learning communities enhance core programs, which is why every student within the Faculty of Arts & Science is affiliated with one of seven colleges.

**Programs and Opportunities**

U of T offers its students hundreds of programs and more than a thousand clubs, organizations, activities and volunteer opportunities, including student-run legal and dental clinics and other community-based projects.
OUTSTANDING ALUMNI

U of T alumni include some of the most influential thought leaders of our time, as well as award-winning authors, leaders in public office, advocates for global issues, stars of arts and culture, Olympic athletes and astronauts—and these are just some of the fields in which our graduates have excelled.
Vicky Sunohara (BPHE 2010), Olympic Athlete
Richie Mehta (BA 2001 UTM), Filmmaker
Measha Brueggergosman (MUSP 1999), Soprano
Rosalie Silberman Abella (BA 1967, LLB 1970, Hon LLD 1990), Supreme Court Justice
Vaira Vike-Freiberga (BA 1958, MA 1960, Hon DSCALT 2000, Hon LLD 2008), 6th President of Latvia
Paul Martin (BA 1961, JD 1964, Hon DSACLT 1998, Hon LLD 2011), 21st Prime Minister of Canada
Mark Rowswell “Dashan” (BA 1988), Entertainer
Margaret Norrie McCain (BSW 1955, Hon LLD 1996), Social Advocate & 27th Lieutenant Governor of New Brunswick
THE UNIVERSITY OF TORONTO ∙ OUTSTANDING ALUMNI

Roberta Bondar (PhD 1974 UTM, Hon DSC 1992, Hon DSACLT 1993), Astronaut

Lyse Doucet (MA 1982, Hon LLD 2009), Chief International Correspondent, BBC

David C. Onley (BA 1975 UTSC, Hon LLD 2009), 28th Lieutenant Governor of Ontario

Lorne Michaels (BA 1966, Hon LLD 2002), Creator, Saturday Night Live

Lin Chi-ling (BA 1997), Supermodel & Actor

Norman Jewison (BA 1949, Hon LLD 1985, Hon DSACLT 2001), Filmmaker

Michael Ondaatje (BA 1965), Author

Suneet Singh Tuli (BASc 1990), Founder, President & CEO, DataWind Ltd.

Barbara Hannigan (MUSP 1993, MusM 1999), Opera Singer & Conductor

Preet Banerjee (BSc 2001 UTSC), Television Host and Financial Expert

Roberta Bondar (PhD 1974 UTM, Hon DSC 1992, Hon DSACLT 1993), Astronaut

Lorne Michaels (BA 1966, Hon LLD 2002), Creator, Saturday Night Live

Preet Banerjee (BSc 2001 UTSC), Television Host and Financial Expert
4 Canadian Prime Ministers

3 Governors General

4 Global Heads of State

16 Supreme Court Justices

16 Canadian Premiers

6 Grammy Award Winners

2 Astronauts

6 Academy Award Winners

24 Juno Award Winners

3 Booker Prize Winners

10 Giller Prize Winners

299 Olympic Athletes (alumni and students)
ALUMNI IMPACT

A distinguished network of more than half a million University of Toronto graduates are making valuable economic, social and cultural contributions around the world. For more information on the impact of our alumni, please visit uoft.me/alumni-impact

EMPLOYMENT, ENTREPRENEURSHIP & INVESTMENT

U of T alumni participate in the knowledge-intensive economy; start growing, profitable companies; invest in innovative startups; and participate in meaningful and important work.

LEADERSHIP

U of T alumni hold leadership roles across a vast range of organizations and industries and are primarily employed in management and professional jobs.
BOARD SERVICE, VOLUNTEERISM & MENTORSHIP
University of Toronto alumni lead by example, sharing their time and expertise to help others as board members, volunteers and mentors in their respective communities.

1 in 5 alumni sit on boards
Alumni serve on 172,000 boards
1.16 million total years of non-profit board service

2.8 million hours of volunteer service per month
330,000 alumni have served as mentors

ACADEMIC, PROFESSIONAL & CULTURAL WORKS
U of T alumni create hundreds of thousands of academic publications, professional and public policy documents, and artistic and cultural works.

More than
330,000 alumni have produced over
760,000 individual professional, academic or artistic contributions

200,000 peer-reviewed articles, books and conference presentations
125,000 standards and professional practice reports

89,000 works of literary, performing or visual art for public consumption
64,000 non-fiction books, textbooks or manuals

79,000 educational programs, guidelines or policies disseminated beyond their employer or institution
There are very few universities around the world that combine the strengths, excellence and global stature of U of T with the uncommon level of openness found in its partnerships, programs and policies. This University values accessibility, diversity and tolerance, and does all it can to ensure that its campuses and the Toronto area are places where people feel they can participate in meaningful ways. We are uniquely equipped to educate globally minded citizens and tackle the biggest challenges affecting our health, our environment and our civil society.

Being Canada’s leading university in Canada’s largest city gives us a unique platform from which to contribute to the world. As U of T looks to the future, it will continue to celebrate the rich and remarkable relationship it enjoys with the Toronto city-region, create opportunities for young people to excel and capitalize on their talents, and help to build a healthier and more equitable society by making a difference in our global community.
President Meric S. Gertler is an internationally renowned expert on how innovation and creativity drive cities and their economies.