

Made to forge
the way forward

MADE
by McGill



What *makes* McGill special?

Located in one of the world's great multicultural and multilingual cities, and with the most international student body in the country, McGill University is a community of people inspired by challenge and committed to shaping a better future.

Soon celebrating 200 years of contributions to learning, research and innovation, McGill is ranked among the world's best academic institutions.

/ **#1** in Canada
in the medical doctoral category
for 15 consecutive years
[Maclean's University Rankings 2020]

/ **#35** in the world
[QS World University Rankings 2020]

/ **International Sustainability Institution of 2019**
[International Green Gown Awards]

/ **145** Rhodes Scholars
– top in Canada

/ **12** Nobel Laureates
have studied or taught at McGill

Made by bright minds & diverse perspectives

Talented Faculty Members ///

Every day, McGill faculty members and researchers are pushing the boundaries of knowledge, and exploring new pathways in hundreds of fields.

- / 1,707
Tenured & Tenure-Stream Professors
- / 149
Canada Research Chairs
- / 221
Active Fellows of the Royal Society of Canada

- Recipients of prestigious research awards:
- / 23
Killam Prizes
 - / 3
Steacie Prizes for Natural Sciences
 - / 8
Gairdner Foundation International Awards
 - / 27
Sloan Fellowships

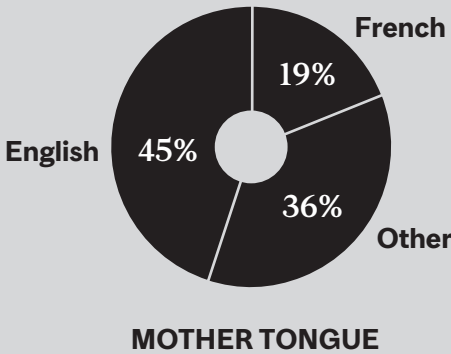
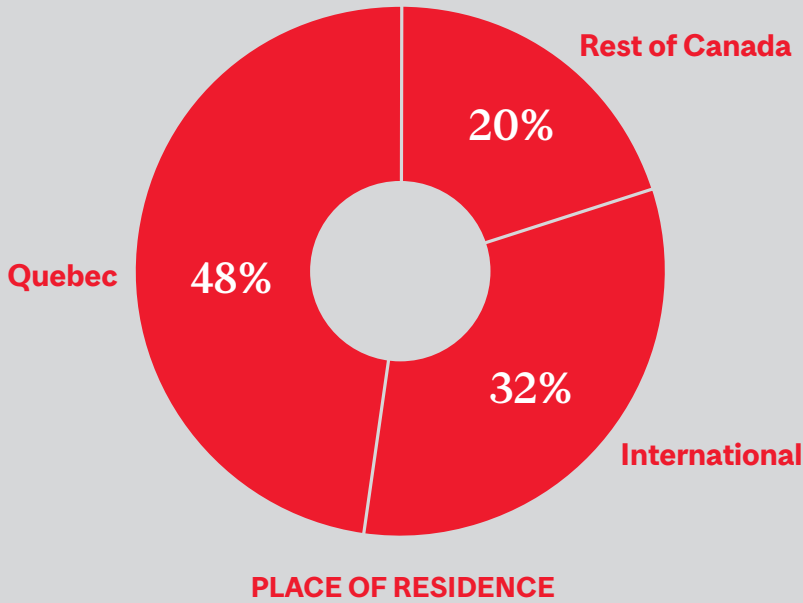
Outstanding Students ///

McGill students come from across Quebec and Canada, and from more than 150 countries and territories around the world.

Total number of students: 40,153

- | | |
|--------------------------------|--------------------------------|
| / 27,573 Undergraduates | / 1,247 Residents & Fellows |
| / 10,260 Graduates | / 355 Other |
| / 738 Postdoctoral scholars | |

McGill has one of the most internationally diverse student bodies of any university in Canada.



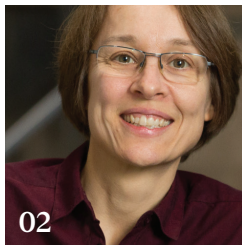
All figures based on 2019 enrolments

Made by risk-takers & dreamers

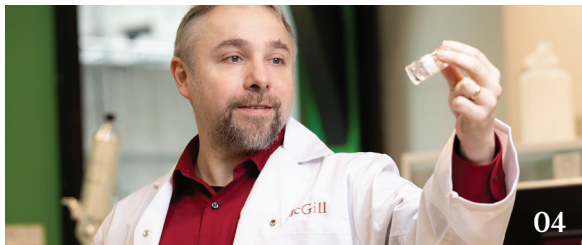
Meet some of our acclaimed researchers
taking on the challenges
of our present and our future ///



01



02



04



06



09



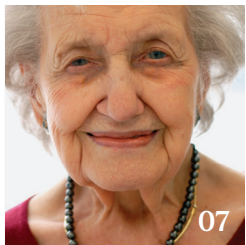
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/ **PAYAM AKHAVAN** (Faculty of Law) is an expert in international law, human rights and cultural pluralism.

/ **TAL ARBEL** (Dept. of Electrical and Computer Engineering) conducts research in computer vision that could benefit those living with multiple sclerosis.

/ **CINDY BLACKSTOCK** (School of Social Work) is a key voice against the systemic inequalities of services for Indigenous children and their families. [01]

/ **ISABELLE DAUNAIS** (Dépt. des littératures de langue française, de traduction et de création) explores how novels affect the way we understand the world. [02]

/ **ALAN EVANS** (Dept. of Neurology and Neurosurgery) has redefined the role of neuroimaging and opened the door for large-scale data-sharing initiatives in open science. [03]

/ **TOMISLAV FRIŠČIĆ** (Dept. of Chemistry) develops sustainable methods for research and industry that eliminate the creation of solvent waste, minimize energy consumption, and create new environmentally friendly materials. [04]

/ **LUCY GILBERT** (Dept. of Obstetrics and Gynecology) is improving the survival rate of women with ovarian and endometrial cancers at DOvEE, a clinic that encourages early cancer detection through direct, specialized testing. [05]

/ **VICTORIA KASPI** (Dept. of Physics) has made landmark discoveries that deepen our understanding of pulsars and neutron stars. [06]

/ **MARK LEFSRUD** (Dept. of Bioresource Engineering) seeks to maximize plant growth and explores new agricultural environments to better feed a hungry planet.

/ **BRENDA MILNER** (The Neuro) has transformed our understanding of memory, cognitive learning, language, sensations and emotions. [07]

/ **HENRY MINTZBERG** (Desautels Faculty of Management) has challenged the way we think of leadership. His critique and reforms of management education have influenced business leaders across the world. [08]

/ **CLAUDIA MITCHELL** (Dept. of Integrated Studies in Education) explores tools that educators and health workers can use to engage youth in conversations around gender, sexuality, HIV and AIDS. [09]

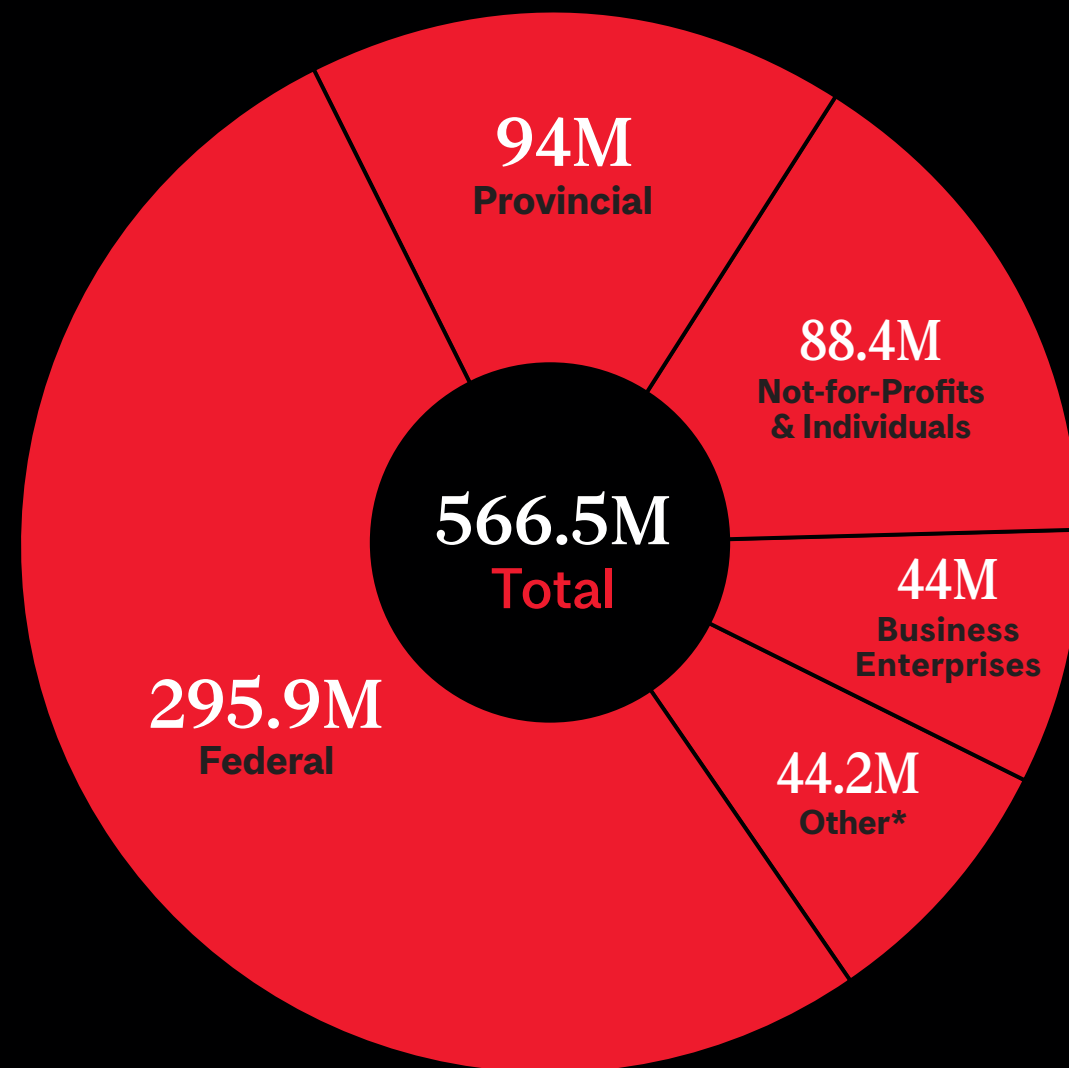
/ **JOËLLE PINEAU** and **DOINA PRECUP** (School of Computer Science) are key players in Montreal's artificial intelligence boom. [10]

/ **MOSHE SZYF** (Dept. of Pharmacology and Therapeutics) has shown that external and environmental factors can alter our gene expression. [11]

/ **DON SHEPPARD** (Dept. of Microbiology and Immunology) is developing innovative solutions to infectious and immune threats to human health.

/ **MARCELO WANDERLEY** (Schulich School of Music) develops new interfaces and digital instruments for performance.

Investment in McGill research



Funding 2017-18 [including affiliated hospitals]
Source: CAUBO

* Includes foreign, investments,
endowment, and miscellaneous
revenues

An alumni community that spans the globe

McGill boasts a network of more than 275,000 alumni working and living in 180 countries.

Among these accomplished graduates are:

- / 3
Canadian Prime Ministers
- / 5
Astronauts
- / 4
Pulitzer Prize winners
- / 12
Supreme Court Justices
- / 9
Academy Award winners
- / 125
Olympians

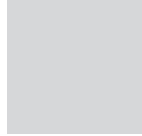
Made by trailblazers, innovators & big thinkers

*Here are members of the McGill community
— past and present — who have made history
in their respective fields. ///*



McCord Museum

01



04

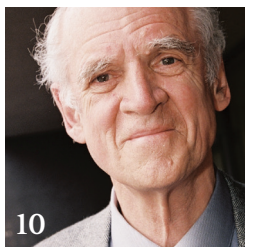


05

Tsutsumida Pictures/
Internet Society



07



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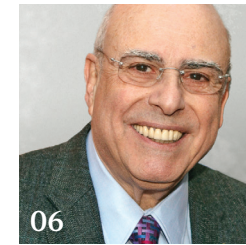


Lorca Cohen

02



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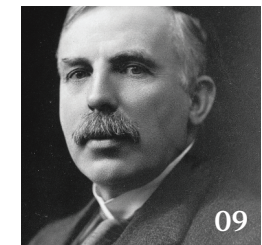


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Canadian Space Agency



08



McCord Museum

09

/ Curator of the McGill Medical Museum in 1901, **MAUDE ABBOTT**, BA'1890, laid the foundation for modern heart surgery by giving physicians a detailed understanding of the anatomy of heart disease. [01]

/ The world's first antiretroviral drug for HIV, 3TC, came about from the early work of McGill chemistry professor **BERNARD BELLEAU**, PhD'50, on sugar derivatives. Once commercialized, it is estimated to have saved approximately 2 million lives.

/ Acclaimed singer, songwriter, poet and novelist, **LEONARD COHEN**,

BA'55, DLitt'92, was one of the most widely recognized Canadian artists of the late 20th century. [02]

/ **CARRIE DERICK**, BA'1890, was the first woman in Canada to be named full university professor. A pioneering geneticist, she created the first course on genetics and evolution, and gained renown as a botanist and social reformer. [03]

/ **LAURENT DUVERNAY-TARDIF**, MDCM'18, plays football with the Kansas City Chiefs and is the only active NFL player holding a medical degree. [04]

/ **ALAN EMTAGE**, BSc'87, MSc'91, pioneered Archie — the first

publicly distributed Internet search engine, still being used as a guide today. [05]

/ In 1965, Professor **SAMUEL FREEDMAN**, MDCM, '53, and colleague **PHIL GOLD**, MDCM'61, [06] discovered and defined the Carcinoembryonic Antigen (CEA) — an important biomarker that can help diagnose cancer, assess its treatment, and detect recurrence.

/ Law professor, **JOHN HUMPHREY**, BCL'29, worked with a committee of the United Nations Secretariat to draft the Universal Declaration of Human Rights. Translated into 321

languages and dialects, it is likely the most cited legal document ever drafted by a Canadian.

/ **JOANNE LIU**, MDCM'91, IMHL'14, served as the international president of Médecins Sans Frontières from 2013 to 2019. [07]

/ Director of McGill's Social Science Research Group, **LEONARD MARSH**, published the Report on Social Security for Canada in 1943. It is said to be the most important single document in the history of the welfare state in Canada.

/ **COLIN MUNRO MACLEOD**, MDCM'32, was part of a team that

first identified DNA as the building blocks of genetics in the early forties.

/ **FRANCES OLDHAM KELSEY**, BSc'34, MSc'35, a pharmacologist with the U.S. Food and Drug Administration, was credited with raising the alarm about thalidomide, saving countless lives.

/ **JULIE PAYETTE**, BEng'86, DSc'03, a veteran of two NASA space shuttle missions, was appointed Canada's 29th Governor General in 2017. [08]

/ Physics professor **ERNEST RUTHERFORD** [09] and chemistry researcher **FREDERICK SODDY**

demonstrated in the early 1900s that atoms could spontaneously decay, forming new kinds of matter as a consequence.

/ **MOSHE SAFDIE**, BArch'61, LLD'82, the architect behind Montreal's "Habitat" for Expo 67, has gone on to have a stellar international career.

/ **CHARLES TAYLOR**, BA '52, is a philosopher whose writings have been translated into 20 languages, and have covered a range of subjects including multiculturalism, politics, social behaviour and language, from modernity to the present day. [10]

McGill University
is *a community*
of people inspired
by challenge
and committed
to *shaping*
a better future



McGill

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