CANADA’S NEXT-GEN HUB OF INTERDISCIPLINARITY

FACULTY OF ARTS AND SCIENCE
TODAY’S BIGGEST CHALLENGES STRETCH BEYOND DISCIPLINES.

SO DO WE.
In a disrupted world, society needs thinkers who are agile, adaptable and ready to collaborate across boundaries. How can universities instill these qualities while continuing to develop specialists with niche expertise? Concordia's Faculty of Arts and Science offers a blueprint.

One of Canada's largest and most interdisciplinary faculties, we bring together the social sciences, humanities and natural sciences. Our size does not compromise excellence and community ethos. Classes are small and professors accessible. We challenge ourselves to go beyond — for the benefit of our students and society.

“We can all eat less processed foods or partake in less sedentary behaviours and more physical activity. But the focus should not be on our body weight.”

- Angela Alberga, assistant professor, Department of Health, Kinesiology and Applied Physiology; Concordia University Research Chair, Tier 2, Maternal, Child and Youth Weight-Related Issues
We will train a new generation of leaders to help solve global sustainability challenges.

– Damon Matthews, professor, Department of Geography, Planning and Environment; Concordia University Research Chair in Climate Science and Sustainability; interim director and scientific co-director, Future Earth’s Sustainability in the Digital Age
OUR MOMENTUM IS UNMISTAKABLE.

$5M+ in scholarships and fellowships awarded annually

2,500 graduate students, 41 per cent of whom are international

200 full-time staff

25+ interdisciplinary research centres

250+ undergraduate and graduate programs

MORE THAN 100 student clubs and associations, making student life among the most vibrant in the country

45 research chairs, including 19 Canada Research Chairs

123,000 alumni worldwide

17,200 undergrad students

860+ full- and part-time faculty members

Figures as of Fall 2022
WHO SAYS LIBERAL ARTS AND STEM CANNOT COEXIST?

SCIENCES

BIOLOGY

PSYCHOLOGY

CHEMISTRY AND BIOCHEMISTRY

PHYSICS

MATHEMATICS AND STATISTICS

HEALTH, KINESIOLOGY AND APPLIED PHYSIOLOGY
Located across Concordia’s urban Sir George Williams Campus and verdant Loyola Campus, our 27 departments and schools, colleges and institutes thrive on synergy.
“Immigration is important. It is crucial that we stimulate new research to develop a better understanding of this subject.”

- Mireille Paquet, associate professor, Department of Political Science; Concordia University Research Chair on the New Politics of Immigration
School of Irish Studies — the first and only one of its kind in the country

Loyola College for Diversity and Sustainability combines courses from the humanities, social sciences and sciences

Science College unites scholars from all science disciplines

Azrieli Institute of Israel Studies is one of the largest of its kind in Canada

Liberal Arts College offered the first BA in Western Civilization and Culture in Canada

Simone de Beauvoir Institute — one of the first in Canada to offer women’s and sexuality studies

School of Community and Public Affairs connects academia and activism

SCHOOLS AND COLLEGES
NEXT-GENERATION RESEARCH MUST CROSS BOUNDARIES.

WE PROVIDE A BRIDGE.

“"I use synthetic biology to create green alternatives to petrochemicals.”

- Vincent Martin, professor, Department of Biology; Concordia University Research Chair in Microbial Engineering and Synthetic Biology
Thanks to a multitude of interdisciplinary research centres, we’re expanding how society can generate breakthrough solutions to real-world problems. Here is a sample of our more than 25 centres and institutes.

**Centre for Applied Synthetic Biology:** Canada’s first and only research centre dedicated to the breakthrough field and its applications in environmental protection, sustainable manufacturing, agriculture, food production and drug development.

**Centre for NanoScience Research:** unites chemists, biochemists and physicists to generate ideas in the rapidly evolving world of nanoscience through learning as well as the application of new experimental techniques.

**Center for Studies in Behavioral Neurobiology:** a research and training environment that brings behavioural and scientific approaches to explore the fundamental brain mechanisms that underlie the complex nature of behaviour and disease.

**Centre for Oral History and Digital Storytelling:** a global leader where faculty, students and community explore the links between oral history, new media and the arts while documenting Canada’s stories.

**Centre for Interdisciplinary Studies in Society and Culture:** provides opportunities for faculty along with students in the humanities, fine arts and related fields to collaborate on interdisciplinary scholarship, research, graduate teaching and partnerships with community groups.

**engAGE:** the Centre for Research on Aging challenges established ideas about aging through innovative, collaborative, interdisciplinary research between engAGE researchers and older people and their communities.
TODAY’S WORLD IS IN FLUX.

WE’RE RESPONDING.
Universities need to equip students for a world that, in many ways, will differ greatly from today’s. Here’s a snapshot of how we are adapting education for our times.

- **Online learning options**: Concordia is a Canadian pioneer in the development of digital education. We continue to lead in the arena through the development of MOOCs (Massive Open Online Courses), launched in partnership with the United Nations and available to anyone around the world.

- **Experts-in-residence** are professionals from outside a university environment. They bring new perspectives and vast practical experience that complement what students gain from academic leaders. Ours include a jurist-in-residence, journalist-in-residence, social innovator-in-residence, translator-in-residence, and public administration scholar-in-residence.

- **Public Scholars Program** provides selected doctoral students with professional training to help them bridge their academic research with the wider community. It has led to dozens of op-ed articles and community engagement events.

- **4TH SPACE** is Concordia's research showroom — a combination of living lab, science centre, museum exhibition and theatre set. The busy street-level location opens a window on research at our university.

- **Institute for Co-operative Education** helps our students bridge their academic life with the professional world. Each year, more than 450 students from the Faculty of Arts and Science benefit from the program.

- **The SHIFT Centre for Social Transformation** is working with Montreal community groups to create a more just, inclusive and prosperous city.

“My research interests are influenced by my personal journey, and as such, I chose to explore cultural identity among urban Indigenous youth.”

- Elizabeth Fast, assistant professor, Department of Applied Human Sciences
“We want to look at how the nanoparticle’s drug gets across the membrane to release the drug at the cell site.”

- John Capobianco, professor, Department of Chemistry and Biochemistry; Concordia University Research Chair in Nanoscience; pioneer in nanotechnology to fight cancer cells
The Faculty of Arts and Science is ensuring we pursue technology without losing sight of our humanity.

- Concordia University Press is an open-access, non-profit publisher of scholarly inquiry. The press publishes engaging, accessible books in English and French that span the arts, humanities and social sciences.
- With ACT (ageing + communication + technologies), Concordia examines how “digital ageism” — the individual and systemic biases that create forms of inclusion and exclusion that are age-related — operates in subtle ways.

Our experts are pushing boundaries to help ensure Concordia’s and Canada’s research strength globally. Here are some examples.

- **Adrian Tsang**, professor in the Department of Biology, was the recipient of $6 million in funding from Genome Canada, Génome Québec and Elanco Animal Health to find an alternative to antibiotics in animal feed.
- **Sylvia Kairouz**, associate professor in the Department of Sociology and Anthropology, is the principal investigator in a study that received $700,000 to develop scientific knowledge and urgently needed harm-prevention tools to address new risks arising through gambling and quasi-gambling games.
- **Brandon Helfield**, Tier II Canada Research Chair in Molecular Biophysics in Human Health, received a $500,000 (USD) grant to advance his groundbreaking work using biomedical ultrasound technology to provide localized and safe drug delivery.
- **Steven High**, professor in the Department of History, leads a transnational investigation into the consequences of working-class job loss in the West. The project, “Deindustrialization and the Politics of Our Time,” is based at Concordia’s Centre for Oral History and Digital Storytelling.

- The Climate Clock counts down how long the planet has left before reaching a 1.5-degree increase in temperature and a 2.0-degree rise depending on various scenarios. It was co-created by musician-activist David Usher and Concordia researcher Damon Matthews.
COLLABORATION ACCELERATES PROGRESS.

WE PROVIDE A HUB OF CONNECTIVITY.
We partner across fields with the communities and professionals who are driven to make a difference.

- Concordia was awarded $123 million from Canada First Research Excellence Fund for Electrifying Society: Towards Decarbonized Resilient Communities. The investment will amplify expertise in key areas such as electrification, smart buildings and net zero communities, helping Canada achieve its goal of carbon neutrality by 2050.

- Concordia’s Science Hub houses aquatic biology, microscopy, cellular imaging, nanoscience, bioprocessing, and chemical and materials engineering. This expansion of the Richard J. Renaud Science Complex also welcomes young entrepreneurs working with Concordia’s District 3 Innovation Hub who will help maximize industry scale-up opportunities at the new site.

- Co-founded by Simon Bacon, professor, Department of Health, Kinesiology and Applied Physiology, the Montreal Behavioural Medicine Centre is a joint Concordia–UQAM–CIUSSS du Nord-de-l’Île-de-Montréal academic research and training centre.

- Concordia is the provincial home of the Canadian Statistical Sciences Institute and its Montreal Health Statistics Centre. Both are directed by Yogendra Chaubey, professor in the Department of Mathematics and Statistics.

“I’m studying plant science to create an agricultural revolution.”

- Jin Suk Lee, assistant professor, Department of Biology; Concordia University Research Chair in Plant Science and Biotechnology
“My university studies helped me build an empathetic approach in everything I do.”

- Antoni Porowski, BA (psych.) 08
Concordians have garnered major recognition and continue to do so with increasing frequency. Here is a sample of thinkers and makers who studied in the Faculty of Arts and Science.

- **Antoni Porowski**, BA 08, a member of the Fab Five from the Netflix hit show *Queer Eye*
- **Barry Julien**, BA 94, writer and producer, *The Late Show with Stephen Colbert*, *The Colbert Report*, *This Hour Has 22 Minutes*
- **Carol McQueen**, BA 95, Concordia Rhodes Scholar; deputy director, Democracy Unit, Department of Foreign Affairs and International Trade; acted as political affairs officer with the UN Peacekeeping Mission in the Democratic Republic of Congo
- **Gwen Tolbart**, BA 95, Emmy-winning broadcast journalist; was a recipient of President Obama’s Lifetime Achievement Award for completing over 4,000 hours of community service
- **Howard Alper**, BSc 63, LLD 07, chair, Canada’s Science, Technology and Innovation Council; past president, Royal Society of Canada
- **Sir John Daniel**, O.C., MA 96, university administrator and pioneer of open learning and distance education in Canada and around the world
- **Kathleen Zellner**, BA 74, lawyer known for her extensive work advocating for the wrongfully convicted, most notably in the Netflix series *How to Make a Murderer*
- **Lauren Kisilevsky**, BA 99, vice-president of original movies at Disney Channel, overseeing projects such as *High School Musical 4*
- **Michael Meaney**, BSc 75, MA 77, PhD 82, member of the Order of Canada, senior scientist, Canadian Institute for Advanced Research; associate director, Douglas Hospital Research Centre; professor, Departments of Psychiatry and Neurology and Neurosurgery, McGill University
- **Mohan Munasinghe**, MA 75, Nobel Peace Prize winner, vice-chair of the Intergovernmental Panel on Climate Change
- **Nick Farkas**, BA 90, vice-president of concerts and events at Evenko, co-founder of popular music festival Osheaga
- **Mark Kelley**, BA 85, International Emmy Award-winning journalist and a six-time Gemini/Canadian Screen Award winner
- **Georges P. Vanier**, BA 1906, Governor General of Canada
- **Mutsumi Takahashi**, BA 79, MBA 95, LLD 13, chief news anchor, CTV Montreal News
- **Ian Halperin**, BA 07, bestselling celebrity biographer
- **Nathalie Petrowski**, BA 76, journalist, critic, columnist, screenwriter and novelist
- **Régine Chassagne**, BA 98, LLD 16, performer, Arcade Fire, Grammy Award winner; co-founder, Kanpe, a non-profit organization helping to rebuild Haiti
- **Rana Ghorayeb**, BA 97, MEng 01, president and chief executive officer at Otéra Capital, a division of the Caisse de dépôt et placement du Québec (CDPQ)
- **Rebecca Reeve Henderson**, MA 07, founder of Rsquared Communication, a top tech PR firm serving multiple Silicon Valley clients
THE CAMPAIGN FOR CONCORDIA: NEXT-GEN NOW

The Faculty of Arts and Science is one of four faculties at Concordia. Along with the Gina Cody School of Engineering and Computer Science, the Faculty of Fine Arts and John Molson School of Business, we are defining what it means to be a next-gen university.

With 51,000 students, we are among Canada’s largest and most diverse universities. We are Quebec’s fastest-growing university and Canada’s top-ranked university under 50 years old. To realize our greatest impact yet, we launched the Campaign for Concordia: Next-Gen Now.

“I track elephant migration. Even though you’re travelling far and it’s dangerous, you have to put your fears aside. You have to care about wildlife, conservation and biodiversity — but we also do this to make sure knowledge is out there.”

– Robert Weladji, professor, Member of the Quebec Centre for Biodiversity Science, studies conflicts between Cameroon villagers and elephants
To respond to the grand challenges of our time, the Campaign for Concordia focuses on transformational projects spanning four campaign priorities.

**I – TALENT**

- Scholarships: To compete globally to recruit high academic performers, improve access to those in financial need and increase representation from marginalized groups
- Research chairs and professorships: To recruit and retain sought-after talent who drive discovery and training

**II – RESEARCH AND ENGAGEMENT**

- School of Health
- Next-Gen Cities Institute
- Applied AI Institute
- Milieux Institute for Arts, Culture and Technology
- Institute for Investigative Journalism
- Human rights: Montreal Institute for Genocide and Human Rights Studies and the UNESCO Co-Chair in Prevention of Radicalization and Violent Extremism
- Global literacy project: Groundbreaking literacy software empowering children around the world

**III – INNOVATION AND EXPERIENTIAL LEARNING**

- Office of Experiential Learning
- Case competitions
- Centre for Teaching and Learning
- District 3 Innovation Hub: One of Quebec’s leading startup incubators
- Partner Connect: To facilitate public–private partnerships between researchers and industry

**IV – TOOLS AND SPACES**

- Flagships in fine arts: New homes for our world-renowned Faculty of Fine Arts and Mel Hoppenheim School of Cinema
- Facilities for collective health: A cross-functional site to house athletics and recreation spaces, student health and wellness services, and space for health-research collaboration
- A space for students downtown
- First Peoples House
- Next-gen libraries

To prepare for what’s next, we need you. Be part of Canada’s next-generation university as we change education for a changing world. Learn more: [concordia.ca/campaign](http://concordia.ca/campaign).
HOW DO WE GET FROM GOOD TO GREAT?

SUPPORTERS MAKE ALL THE DIFFERENCE.

PLANNED GIFT TO STUDENTS
$30M
Largest donation in Concordia history (2018)

GINA CODY SCHOOL OF ENGINEERING AND COMPUTER SCIENCE
$15M
First faculty of its kind in Canada named for a woman (2018)

JONATHAN WENER CENTRE FOR REAL ESTATE AND SCHOLARSHIPS
$10M

SHIFT CENTRE FOR SOCIAL TRANSFORMATION
$10M
Mirella & Lino Saputo Foundation and the Amelia & Lino Saputo Jr. Foundation (2019)

FACULTY OF FINE ARTS
$5.6M
Peter N. Thomson Family Trust (2019)

Record-setting support from our community to the Campaign for Concordia is transforming the university and society.
PAST GIFTS TO CONCORDIA HAVE BUILT A LEGACY:

**JOHN MOLSON SCHOOL OF BUSINESS**
One of Canada’s top-ranked business schools

**MEL HOPPENHEIM SCHOOL OF CINEMA**
One of Canada’s largest and top-ranked film schools

**AZRIELI INSTITUTE OF ISRAEL STUDIES**
One of Canada’s most important institutes in the field

**RICHARD J. RENAUD SCIENCE COMPLEX**
This state-of-the-art teaching and research facility changed the face of Loyola Campus

**GOODMAN INSTITUTE**
Offers one of the only MBA programs to integrate the CFA® Program into its curriculum

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**SYNTHETIC BIOLOGY**

- **$5M**
  - Molson Foundation (2018)

**SCHOOL OF IRISH STUDIES**

- **$4M**
  - Canadian Irish Studies Foundation (2019)

**SUSTAINABLE ENERGY AND SMART-GRID SECURITY**

- **$3.9M**
  - Hydro-Québec (2017)

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**GRADUATE FELLOWSHIPS**

- **$3M**
  - Miriam Roland (2018)

**KENNETH WOODS PORTFOLIO MANAGEMENT PROGRAM**

- **$1M**
  - Kenneth Woods, MBA 75, LLD 17 (2022)

**NUTRITION RESEARCH AND WOMEN IN FINANCE**

- **$1M**
  - Christine Lengvari, BSc 72 (2017)

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“My gift is for a better society by supporting the next generation of engineers and computer scientists who will develop the technologies of tomorrow.”

- Gina Cody, MEng 81, PhD 89, co-chair, Campaign for Concordia: Next-Gen Now
“My research group wants to learn how to better manage urban green spaces to contribute to healthier communities, fight climate change and conserve biodiversity.”
CARLY ZITER, assistant professor, Department of Biology; Concordia University Research Chair in Urban Ecology and Sustainability

“My research asks why women’s choices to live religious lives need to be understood and what role has social media played in shaping this choice.”
ARWA HUSSAIN, PhD student, Department of Religions and Cultures; Concordia Public Scholar 2022-23

“I study what it means to immigrate.”
CHEDLY BELKHODJA, professor, principal of the School of Community and Public Affairs

“What impact does technology have on people of different ages?”
GIULIANA CUCINELLI, assistant professor in the Department of Education and co-director of the Participatory Media cluster

“I look at the ways in which privilege, power, identity and culture can be examined through the art of performance.”
EMER O’TOOLE, assistant professor in the School of Irish Studies
“My research focuses on antibiotic resistance and aims to find new antibiotic hybrids.”

VRINDA NAIR, PhD candidate, Department of Physics, Concordia Public Scholar 2022-23

“Social innovation has a place in the justice system.”

JUDGE MORTON S. MINC, BA 67, jurist-in-residence

“In my observations of makerspaces, I find it absolutely fascinating that people can make objects out of recycled materials or 3D print objects that stem from their imagination.”

ANN-LOUISE DAVIDSON, associate professor, Department of Education; Concordia University Research Chair, Maker Culture

“I investigate how tech-led gentrification stimulates and is framed by race and whiteness.”

MIEKO TARRIUS, PhD candidate, Department of Geography, Planning and Environment; Concordia Public Scholar 2022-23

“I’m on a mission to preserve the Mohawk language.”

STEVE BONSPIEL, part-time faculty member and former journalist-in-residence, Department of Journalism
“My research has found that your online avatar reveals more about you than you think — online behaviour provides vital clues to a player’s offline identity.”

- Mia Consalvo, professor in the Department of Communication Studies; Canada Research Chair in Digital Games Studies and Design
Learn how you can support the next generation of Concordia students. Contact our development staff at 514-848-2424, ext. 4856.

- Learn how Concordia’s most ambitious campaign to date will empower tomorrow’s leaders: concordia.ca/campaign.
- Discover what Concordia achieved first in Montreal, Quebec, Canada and the world: concordia.ca/concordiafirsts.

Share your #CUpride and #CUalumni stories via @ConcordiaAlumni

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