

A photograph of two students, a young man and a young woman, working on a car chassis in a workshop. The young man is in the foreground, wearing a black polo shirt with 'CONCORDIA STC RACING' on it, and is focused on adjusting a component of the chassis. The young woman is standing behind him, also looking down at the work. The background shows a workshop environment with various tools and equipment. The image is overlaid with a green banner at the top and a red banner on the left side.

**INNOVATIVE, INTEGRATED  
AND SOCIALLY DRIVEN**

**GINA CODY  
SCHOOL OF  
ENGINEERING  
AND COMPUTER  
SCIENCE**



[concordia.ca/GinaCodySchool](http://concordia.ca/GinaCodySchool)

MONTREAL

CONCORDIA



**WHAT SPARKS  
INGENUITY AND  
INNOVATION?**

**WE START  
WITH EMPATHY.**



In an era of smart cities, smartphones and smart cars, our world is ever more reliant on engineers and computer scientists. In our pursuit of technological progress, how do we ensure we don't lose sight of our humanity? The Gina Cody School of Engineering and Computer Science offers a blueprint.

As one of Canada's largest faculties of its kind and the only one named for a woman, we are driven by innovation for social good. Sustainability guides everything that we do. We see equity, diversity and inclusion not only as advantages but as imperatives for the future of the fields of engineering and computer science. We're ensuring that tomorrow's designs respond to the needs of all people, while safeguarding our planet.



“Our public spaces are often sterile and congested with cars. We build brand new high-tech buildings where most people cannot afford to live. Neighbourhoods and cities of the future should be more than smart — they need to be places where people can live and thrive.”

– Ursula Eicker, Canada Excellence Research Chair in Smart, Sustainable and Resilient Communities and Cities

# BACKED BY NUMBERS



“We want to be an agent of change that helps transfer the traditional construction industry into the digital age. The innovation centre, as an entity, formalizes and declares our intentions.”

– Osama Moselhi, professor, Department of Building, Civil and Environmental Engineering; director, Centre for Innovation in Construction and Infrastructure Engineering and Management

# OUR MOMENTUM IS UNMISTAKABLE.

**6,100**  
undergraduate  
students

**52**  
undergraduate  
and graduate  
programs

**35** Research Chairs, including  
**1** Canada Excellence Research Chair,  
**6** Canada Research Chairs and  
**7** industrial chairs

**4,630**  
graduate students,  
two-thirds of whom  
are international

**7** departments

**\$27 million**  
in research funding

**320**  
full- and part-time  
faculty members

**19**  
interdisciplinary  
research centres

**14**  
student clubs  
and associations

**38,950**  
alumni

**Our namesake:** The Faculty of Engineering and Computer Science was renamed the Gina Cody School of Engineering and Computer Science following a transformational gift of \$15 million in 2018. Gina Cody, MEng 81, PhD 89, a Canadian-Iranian engineer and business leader, was the first woman in Concordia's history to earn a PhD in building engineering.

Figures as of Fall 2022

# WE DON'T JUST ASK WHAT THE FUTURE WILL LOOK LIKE.



## COMPUTER SCIENCE AND SOFTWARE ENGINEERING (CSSE)

Leading research into the future of artificial intelligence, Industry 4.0 and big data



## BUILDING, CIVIL AND ENVIRONMENTAL ENGINEERING (BCEE)

Advancing insight into the future of cities, water, construction and energy



## CONCORDIA INSTITUTE FOR INFORMATION SYSTEMS ENGINEERING (CIISE)

Real-world solutions shaping the future of cybersecurity, internet of things, aerospace design engineering, artificial intelligence and Industry 4.0



“My goal is to accelerate the sustainable-energy transformation through the development of energy-storage materials that use safer, high-energy and more abundant raw materials.”

– Xia Li, assistant professor, Chemical and Materials Engineering



### **CENTRE FOR ENGINEERING IN SOCIETY**

A progressive approach to the public-policy, social and ethical factors that shape our relationship to technology



### **ELECTRICAL AND COMPUTER ENGINEERING (ECE)**

Evolving the future of aerospace, nanotechnology, Industry 4.0 and health



### **MECHANICAL, INDUSTRIAL AND AEROSPACE ENGINEERING (MIAE)**

At the forefront of the future of aerospace, nanotechnology, Industry 4.0 and optimization


# **WE DESIGN IT.**

Few aspects of our daily lives are untouched by technology — which might explain why the Gina Cody School of Engineering and Computer Science is Concordia's fastest-growing faculty. Through seven future-focused departments and over 50 undergraduate and graduate programs, we are training engineers and computer scientists to advance integrated, socially responsible technologies.



### **CHEMICAL AND MATERIALS ENGINEERING (CME)**

Leading research into the future of advanced manufacturing, clean energy and sustainability



# WE ENGINEER COLLABORATION. BECAUSE BREAKTHROUGHS DON'T HAPPEN IN A VACUUM.

Thanks to a multitude of interdisciplinary research centres, we're uniting experts across fields to generate novel solutions to real-world problems.

Open Source Cyber Fusion Centre



“Can aircraft autopilots be designed to optimize fuel efficiency? These are the kinds of questions we work on every day. Engineering is about dreaming the future and making it happen.”

– Luis Rodrigues, professor, Department of Electrical and Computer Engineering



**Through some 19 research centres, our experts work across disciplines to tackle major challenges. Here is a sample.**

The **Next-Gen Cities Institute** is reimagining and reinventing how we dwell in smart, sustainable and resilient cities. From designing environmentally responsive and efficient cities to prioritizing the conservation of biodiversity and minimizing energy consumption, our research is redefining new and improved solutions in human mobility, energy efficiency, integrated design and natural-resource conservation.

Our **Applied AI Institute** is leveraging AI to solve problems and drive innovation. From boosts in executing real tasks to radically improving accuracy in decision-making, applied AI bridges the gap between digital and physical worlds in an ever-evolving technological landscape.

The **Concordia Institute of Aerospace Design and Innovation** is Canada's first university-based training and work experience institute in aerospace. It brings together multidisciplinary aerospace expertise to shape emerging areas of aerospace research.

The **Centre for Zero Energy Building Studies** conducts cutting-edge research on zero-energy buildings to advance living and working spaces that are energy-efficient, comfortable and healthy. It is at the forefront in assisting industry to reduce its environmental impact.

The **Concordia Institute for Water, Energy and Sustainable Systems** leads the next generation of global engineers to address water, energy and sustainability issues. CIWESS trains students and promotes research into new systems, technologies and solutions for resource conservation.

The **Security Research Centre** is a research and graduate training centre that brings together academic researchers, security practitioners, government and law-enforcement agencies, financial institutions, and National Defence to foster collaboration on systems security, privacy and cyber-forensics research and development activities.

The **Centre for Innovation in Construction and Infrastructure Engineering and Management** initiates and promotes innovative research and knowledge-based solutions for improving quality, productivity, safety and the competitiveness of the Canadian construction industry.

A photograph of two men in a wind tunnel. They are both wearing glasses and are looking at a small, red, rectangular model mounted on a vertical silver post. The model is placed on a circular mat of yellow and orange granules. The background shows the blue interior of the wind tunnel with various mechanical components and lighting.

Researchers utilize our atmospheric boundary-layer wind tunnel, the only one of its kind in Quebec and Canada, to study wind-building interaction.

**WE DON'T  
AVOID PROBLEMS.**

**WE THRIVE  
ON THEM.**

Obstacles enable creativity. Our research labs and groups harness smart solutions and responsive insights to predict and meet emerging challenges and opportunities.

**Dozens of state-of-the-art labs and facilities enable our students and researchers to make breakthroughs. They include:**

**The Solar Simulator** – Environmental Chamber is an internationally unique facility that enables the testing of solar systems and advanced building envelopes, simulating sun in outdoor and indoor conditions.

**The Boundary-Layer Wind Tunnel Lab** reproduces the effect of wind on building models. This enables the measurement of mean and fluctuating wind loads on buildings, as well as air flow around individual and groups of tall buildings.

**A major science facility**

Concordia's **Applied Science Hub**, opened in 2020, houses aquatic biology, microscopy, cellular imaging, nanoscience, bioprocessing and chemical and materials engineering labs, which lead research into organic batteries, cancer treatment and vaccine stabilizers. This expansion of the Richard J. Renaud Science Complex also welcomes young entrepreneurs working with Concordia's District 3 Innovation Center who will help maximize industry scale-up opportunities at the new site.

**The Future Buildings Laboratory** is a house-size facility on the Loyola Campus to develop and test innovative net-zero energy technologies.

**The Power Electronics and Energy Research Group Lab** is a Hydro-Québec-certified lab that tests sustainable technologies, including the measurement of efficiency of electric vehicles. This university-based facility is unique in Canada and North America.



“Buildings need to provide a safe, healthy and comfortable indoor environment at minimal cost to the environment and society. This means being both energy-efficient and climate-resilient in extreme weather conditions — something we see more frequently due to climate change.”

– Hua Ge, associate professor and Tier 2 Concordia University Research Chair in the Department of Building, Civil and Environmental Engineering

# UNIVERSITIES NEED TO ADAPT. WE'RE PROVIDING A MODEL.

Universities must 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.



At the 2018 Spaceport America Cup, our Space Concordia team took first place in the Advanced 30,000 feet category and first place in the payload competition. In 2021, the Space Concordia Rocketry Division made it to the final eight teams in the prestigious Base 11 Space Challenge, a race to build the first civilian liquid-fuelled rocket to surpass 100 kilometres in altitude.

**Law Meets Engineering**, an annual lecture series, engages students with timely ethical questions in their fields, stressing the need for regulation, transparency and accountability.

**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.

**Summer schools** at Concordia are short, intensive learning experiences that cater to undergraduate and graduate students as well as mid-career professionals. They bring high-profile experts from top academic institutions and industry to provide cutting-edge knowledge. In addition, there is a summer science camp for young children and GirlSET for high-school-aged girls interested in STEM.

**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.

Our **Co-op program** is one of our strengths. Every year, more than 500 engineering and computer science students participate in Co-op training. They graduate ready to solve problems using academic know-how and real-life work experience.

**District 3** brings together innovators, entrepreneurs and students. This space connects students from varying faculties, alumni, and mentors. Their projects run the gamut from web-based apps that help people learn how to pronounce names correctly to phone apps that can diagnose birth asphyxia from an infant's cry, and even sensor-based software designed for the seismic assessment of buildings.

**Student life** at the Gina Cody School of Engineering and Computer Science is vibrant. Our more than 14 student **clubs and associations** include Women in Engineering, Space Concordia and the Concordia Society for Automotive Engineers. We became the first **Fair Trade-Certified Faculty** in Canada in 2010, thanks to the student chapter of Engineers Without Borders.



“The job of a security expert is to design new technology that can help detect, prevent and mitigate attacks. That’s what we do. It’s a race where technology is constantly evolving — threat actors have sophisticated arsenals, and the safety of the population rests on good cybersecurity.”

– Mourad Debbabi, Dean, Gina Cody School of Engineering and Computer Science; professor, Concordia Institute for Information Systems Engineering



The Solar Simulator – Environmental Chamber is an internationally unique facility that simulates the sun in outdoor and indoor conditions to test solar power systems.

**SOCIALLY INSPIRED.  
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.
- **Steve Shih**, assistant professor in the Department of Electrical Engineering, through his lab Shih Microfluidics Laboratory, has created a system that can identify cancerous genes. Shih hopes to help eradicate cancer through his research.
- **Hassan Rivaz**, associate professor, Department of Electrical and Computer Engineering, and Research Chair in Medical Image Analysis, is pioneering the use of portable ultrasound techniques.
- **Yann-Gaël Guéhéneuc**, professor in the Department of Computer Science and Software Engineering, is creating an AI-based system to determine unsafe codes. The goal is to greatly reduce the risks of data breaches.
- **Karim Zaghbi**, professor in the Department of Chemical and Materials Engineering, was named president of the International Meeting on Lithium Batteries 2026, which he has helped bring to Montreal.
- **Tanja Tajmel**, associate professor at the Centre for Engineering in Society, worked with the United Nations on an initiative to promote diversity and create a framework that envisions STEM education through a human-rights lens.

“We’ve been developing augmented-reality tools for clinical tasks such as image-guided neurosurgery and breast reconstruction surgery.”

– Marta Kersten-Oertel, assistant professor, Department of Computer Science and Software Engineering;  
Concordia University Research Chair in Applied Perception

# OUR PARTNERSHIPS WITH INDUSTRY PROPEL SOCIETY.

Student examines solar cells in preparation for the Canadian Satellite Design Challenge.



“Having fast, reliable communications is a necessity to enable the next generation of ‘smart’ internet of things (IoT) devices for our increasingly interconnected world. But it’s a matter of life and death when we’re talking about something like remote robotic surgery. Every millisecond counts.”

— Roch Glitho, professor; Ericsson/ENCQOR 5G Industrial Research Chair in Cloud and Edge Computing for 5G and Beyond; Tier II Canada Research Chair in End-User Service Engineering for Communications Networks



- Concordia received **\$2.67 million to build the digital highway to 5G — and beyond**. The Gina Cody School of Engineering and Computer Science has partnered with ENCQOR 5G and Ericsson to create infrastructure to support internet of things (IoT) and next-gen apps.
- Partnering with Ericsson and NSERC, Concordia created the first **Industrial Research Chair in Software-Defined Networking and Network Functions Virtualization Security**. The university received \$1.8 million to improve cybersecurity with the arrival of 5G technology.
- Concordia received funding of \$1.38 million to create new standards for authenticating cryptocurrencies for the **first Industrial Research Chair in Blockchain Technologies**, along with partners Raymond Chabot Grant Thornton, Catallaxy and NSERC.
- **Osama Moselhi**, professor, Department of Building, Civil and Environmental Engineering, and a pioneer in infrastructure engineering management, is director of the Centre for Innovation in Construction and Infrastructure Engineering and Management. The centre works with an advisory board of executives from Hydro-Québec, Canam Group, Hatch and SNC-Lavalin to enable the construction industry's digital transformation.

## **Our researchers are recognized for tackling some of the biggest issues of our times.**

- **Catherine Mulligan**, professor in the Department of Building, Civil and Environmental Engineering, and professor Emad Shihab and associate professor Tristan Glatard, both of the Department of Computer Science and Software Engineering, were inducted in 2022 into the Royal Society of Canada, the highest national accolade for scientists, scholars and artists.
- **Mourad Debbabi**, dean and director of Concordia's Security Research Centre, leads a major cybersecurity network with co-directors from universities across Canada. Including a federal investment of \$76.4 million over four years, the National Cybersecurity Consortium's budget totals more than \$160 million in cash and in-kind contributions from supporting organizations. The consortium's focus is to help expand the commercial cybersecurity sector in Canada while contributing to the country's cybersecurity health.



SUE MOLLOY



BRAD  
MCANINCH



CHARLIE  
KAWWAS



RADHA  
PENEKELAPATI



CARMELINA  
BORSELLINO



JAHANGIR  
MOHAMMED



# OUR ALUMNI ARE MAKING AN IMPACT. AT HOME AND ABROAD.

Concordians have garnered major recognition and continue to do so with increasing frequency. Here is a sample of thinkers and makers who studied at the Gina Cody School of Engineering and Computer Science.

**Fay Arjomandi**, BEng 98

Founder, President and CEO at mimik technology inc.

**Carmelina Borsellino**, BEng 86

Chief Engineer at FM Global

**Gina Cody**, MEng 81, PhD 89

Corporate Director and Benefactor

**Ben Crudo**, BEng 2012

CEO of Diff Agency

**Danny Di Perna**, BEng 89

Executive Vice-President and Chief Operating Officer at Alstom

**Mark Fazio**, BEng 94

Executive Vice-President at Modern Niagara Group Inc.

**Rana Ghorayeb**, BA 97, MEng 01

President and Chief Executive Officer at Otera Capital

**Cherif Habib**, BCompSci 03

CEO at Dialogue

**Paul Haddad**, BEng 94

Investor, Board Member, Executive Advisor

**Richard Howe**, BEng 88

Chairman/CEO at Inuvo Inc.

**Salvatore Iacono**, BEng 86

Executive Vice-President Operations at Cadillac Fairview Corporation Ltd.

**Charlie Kawwas**, BEng 93, MASc 99, PhD 07

President, Semiconductor Solutions Group, Broadcom Inc.

**Cuckoo Kochar**, MEng 78

President and Founder of DCR/Phoenix Group of Companies

**Michael Latifi**, BEng 86

Owner, Chairman and CEO at Sofina Foods Inc.

**Sanjay K. Mazumdar**, PhD 95

Founder and CEO at Lucintel

**Brad McAninch**, BEng 97

Chief Executive Officer at Modern Niagara Group Inc.

**Jahangir Mohammed**, MASc 93, DSc 17

Founder and CEO at Twin Health

**Sue Molloy**, BEng 98

President and CEO of Glas Ocean Electric

**Radha Penekelapati**, MEng 00

Vice-President, Customer Success, at Cruise

**John Sicard**, BCompSc 88

President and CEO at Kinaxis

“I experienced a life-defining moment at Concordia. Linda MacDonald, BA 68, in the admissions office told me that it was her job to give me the opportunity to get a degree, but it was my job to do something with it. That became an important personal principle — to make the most of every opportunity. Nobody was going to set my limits.”

– Fay Arjomandi, BEng 98, co-founder of three technology companies, author of over a dozen patents, with top executive roles in large corporations in the telecom and health industries

# THE CAMPAIGN FOR CONCORDIA: NEXT-GEN NOW

The Gina Cody School of Engineering and Computer Science is one of four faculties at Concordia. Along with the Faculty of Arts and Science, 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.



“Concordia has created a unique specialized framework of convergence in which we can look at the body as a whole. This approach is the future of preventive health.”

– Habib Benali, Canada Research Chair in Biomedical Imaging and Healthy Aging; professor, Department of Electrical and Computer Engineering

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](https://concordia.ca/campaign).

# HOW DO WE GET THERE?

## PLANNED GIFT TO STUDENTS

# \$30M

Largest donation in Concordia history (2018)

## 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)

## 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

Jonathan Wener, BComm 71, Concordia chancellor, and Susan Wener (2018)

# SUPPORTERS MAKE ALL THE DIFFERENCE.

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:

### SYNTHETIC BIOLOGY

# \$5M

Molson Foundation (2018)

### GRADUATE FELLOWSHIPS

# \$3M

Miriam Roland (2018)

### SCHOOL OF IRISH STUDIES

# \$4M

Canadian Irish Studies  
Foundation (2019)

### KENNETH WOODS PORTFOLIO MANAGEMENT PROGRAM

# \$1M

Kenneth Woods, MBA 75, LLD 17  
(2022)

### SUSTAINABLE ENERGY AND SMART-GRID SECURITY

# \$3.9M

Hydro-Québec (2017)

### NUTRITION RESEARCH AND WOMEN IN FINANCE

# \$1M

Christine Lengvari, BSc 72  
(2017)

### 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



“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



*“Women in Engineering gave me a platform to not only work toward a cause I believe in — supporting girls and women of all ages — but to make me reflect on my own experiences.”*

RIYA DUTTA, student, software engineering; president, Women in Engineering students association at Concordia



*“I’m researching city-scale decarbonization strategies for buildings, which are among the biggest CO<sub>2</sub> polluters, especially if they are not energy-efficient and operate on emissive energy sources.”*

MOSTAFA SAAD, PhD candidate in building engineering studies; 2022 Concordia Public Scholar



*“My inspiration: How can we better support the complex interactions between people, process and product in aircraft design and development?”*

ANDRÉA CARTILE, BSc 12, BEng 16, MAsC 18, PhD candidate; 2022 Concordia Public Scholar

# DESIGN, REFINE AND REPEAT.



*“If my research is successful, we’ll be able to program an experiment on a computer that will automate the process on a chip. What takes days or weeks to experiment manually only takes a few hours on a chip.”*

STEVE SHIH, associate professor, Electrical and Computer Engineering, head of the Shih Microfluidics Laboratory



*“We can create polymers and nanomaterials that will provide advanced applications for a healthier, more sustainable way of life.”*

ZHIBIN YE, professor, Chemical and Materials Engineering





***“To meet 5G requirements and the IoT, the objects don’t need to have a lot of bandwidth, but you need to have a lot of antennas everywhere.”***

**BRIGITTE JAUMARD**, professor, Department of Computer Science and Software Engineering, a network optimization expert leading three research projects selected for the Mitacs-Ericsson GAIA initiative



***“My goal is to build platforms for the efficient and reproducible processing of Big Data. The main applications will be in medical image analysis; in particular, neuroimaging.”***

**TRISTAN GLATARD**, associate professor, Computer Science and Software Engineering and co-director, Applied AI Institute



***“As the IoT grows in tandem with emerging 5G technology, it’s crucial to assure the security and stability — peace of mind — of both physical and virtual infrastructures across our increasingly networked world.”***

**LINGYU WANG**, professor, Concordia Institute for Information Systems Engineering; Research Chair in Software-Defined Networking and Network Functions Virtualization Security



***“I was the first to use biological surfactants to remove metal contaminants from soil. It was exciting to be at the forefront of that field.”***

**CATHERINE MULLIGAN**, professor, Concordia University Research Chair in Geo-environmental Sustainability; internationally recognized expert in the decontamination of water, soil and sediments; first Concordian to become president of the Canadian Society for Civil Engineering

**WE EMBRACE  
THE ITERATIVE  
PROCESS.**

# CONCORDIA BY THE NUMBERS

21.5%  
INTERNATIONAL STUDENTS

141  
research chairs and  
professorships

5,779  
CENTRE FOR CONTINUING  
EDUCATION STUDENTS

9,360  
GRADUATE STUDENTS

36,555  
UNDERGRADUATE  
STUDENTS



ANNUALLY, CONCORDIA  
CONFERS MORE THAN:

2,800  
GRADUATE DEGREES

6,000  
UNDERGRADUATE  
DEGREES



“We’re strengthening Concordia’s leading expertise in the area of cybersecurity and cryptocurrency. Combined with technology moving into smaller and more ubiquitous forms, exchanges of value will be less like pipelines and more like fabric.”



– Jeremy Clark, associate professor, Concordia Institute for Information Systems Engineering (CIISE)

51,694  
  
STUDENTS

OPERATING FUND  
\$509,114,000

18  
  
ALUMNI  
CHAPTERS

  
6,722 | 2,282  
TOTAL EMPLOYEES | FACULTY MEMBERS\*

  
25  
  
RESEARCH UNITS

SPONSORED RESEARCH INCOME  
\$75.8M+

253,000  
  
ALUMNI  
AROUND THE  
WORLD



UNIVERSITÉ  
**Concordia**  
UNIVERSITY

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](https://concordia.ca/campaign).
- Discover what Concordia achieved first in Montreal, Quebec, Canada and the world: [concordia.ca/concordiafirsts](https://concordia.ca/concordiafirsts).

Share your **#CUpride** and **#CUalumni** stories via **@ConcordiaAlumni**



[concordia.ca/campaign](https://concordia.ca/campaign)

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