NEXT-GEN. NOW.

THE CAMPAIGN FOR CONCORDIA

CASE FOR SUPPORT 2017-2022
FOR WHAT’S NEXT

THE CAMPAIGN FOR CONCORDIA
WE STAND ON THE CUSP OF MAJOR SOCIETAL TRANSFORMATIONS

Water and steam mechanized production and sparked the First Industrial Revolution. The harnessing of electricity and, later, information technology triggered subsequent transformations.

We are at the dawn of a new age, one that blurs the lines between the physical, digital and biological spheres. Advances in computing and data manipulation enable stunning new capabilities for altering the genetic structure of bodies and materials. The dizzying pace and scale of innovation is accelerating and challenging everything we do — including how we work, play, live, learn and think.

The resulting changes will be immense. Unprecedented opportunities to advance human well-being are close at hand. So, too, are unprecedented risks.
Fundamental challenges to our economic and social systems require new degrees of responsiveness from key institutions.

Over the last century, there has been marked alleviation of severe poverty, dramatic breakthroughs in human health and remarkable gains in educational attainment. However, new challenges confront us, stretching the capacities of established systems and organizations.

To prepare for what’s ahead, we need far-sighted government, intrepid businesses, courageous civil society organizations and next-generation universities like Concordia.
To respond to our new reality — full of promise and risk — Concordia is rethinking the role of universities. To thrive in our altered landscape, we need to be highly flexible and intent on developing new relationships with society.

At Concordia, we are focused on what Canada and the world need in tomorrow’s thinkers and doers. We’re intensifying research and partnerships, developing new ways to engage students in learning, forming newly collaborative relationships with partners and community, and informing public policy.

To spur our thinking, we’re leveraging the vast expertise of 7,000 faculty and staff, almost 50,000 students and more than 200,000 alumni — engaged citizens coming from 150 countries.
A PLACE TO PURSUE NEXT-GENERATION IDEAS

Universities are incubators for ideas with breakthrough potential.

With your help, Concordia aims to develop new institutes, research centres, think tanks and academic programs that cluster knowledge around tomorrow’s biggest challenges.

Concordia researchers are driving ideas in these key areas.

- **CHEMICAL ENGINEERING AND MATERIALS SCIENCE**
  To develop specialized materials that offer ecological solutions, including lightweight metal alloys, advanced optics, semiconductors and nanomaterials.

- **CYBERSECURITY**
  To prevent cyberattacks that threaten the networks depended on by everything from power grids to aviation.

- **HORIZON POSTDOCTORAL FELLOWSHIPS**
  To bring fresh ideas and new people, bolster our research footprint and attract international talent.

- **THE INTERSECTION OF DIGITAL ARTS, HUMANITIES AND TECHNOLOGY**
  To complement society's drive for innovation with kinder, gentler, inclusive and more sustainable practices in technology.

- **BIG DATA ANALYTICS**
  To further our impact in what will be one of the defining disciplines of the 21st century.

- **PREVENTIVE HEALTH AND HEALTHY LIVING**
  To explore the vast untapped benefits of prevention to tackle major health issues.

- **APPLIED BIOLOGY**
  To engineer biology that will address everything from climate change to global food security and the production of life-saving medications.

- **URBAN AND BUILT ENVIRONMENT**
  To ensure the health of residents and our planet as demographic shifts cause urban centres everywhere to grow in the 21st century.

- **INDIGENOUS FUTURES**
  To address questions related to Indigenous peoples — Canada’s fastest-growing population — and their cultures, which have been vastly underrepresented across academia for too long.

- **PROFESSIONAL RESEARCH STAFF**
  To harvest knowledge from unexpected sources, including specialized technicians who will run new labs, entrepreneur-mentors and experts-in-residence, to support our students and faculty.

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Universities need to teach for tomorrow, especially in an era of uncertainty and change. To teach for tomorrow, we’re multiplying hands-on and work-integrated learning opportunities. We’re creating accessible online learning options and building more pathways for international study and social engagement. We’re supporting students throughout their journeys, including after graduation. And we’re opening doors for participation in innovation and entrepreneurship.

Teaching for tomorrow also means investing in students through awards and fellowships. Help us prepare tomorrow’s talent by supporting lifelong learning and skill building.

A PLACE TO CULTIVATE NEXT-GENERATION TALENT
A PLACE TO GENERATE NEXT-GENERATION IMPACT

Universities have the potential to be change-makers through research and learning. Concordia has a long history of community and industry engagement. Now we’re creating a wealth of new ways to deepen and broaden this engagement and move from ideas to impact. Think tanks, living labs, entrepreneurship centres and innovation hubs are just a few of the ways in which we’re creating public value and improving lives.

We’re looking for advocates, champions and change agents who will better society through support of our impact-oriented activities.
HELP CREATE A PLACE

Support the learning and high-impact activities that will enable our community’s future. Help launch an institute, support the creation of a cutting-edge program, ignite social innovation or invest in tomorrow’s talent.

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.

WHERE IDEAS, TALENT AND IMPACT INTERSECT
CONCORDIA:
NEXT-GENERATION.
NOW.
These orientations focus on how Concordia can thrive in a changing landscape, tethered to our core values and historic mission while eying a future in which the status quo is unlikely to be sufficient.

1. **Double Our Research**
   - Pursue bold goals in research that reflect our talents and our ambition to tackle big challenges.

2. **Teach for Tomorrow**
   - Deliver a next-generation education that’s connected, transformative, and fit for the times.

3. **Get Your Hands Dirty**
   - Use rich experiences outside the classroom to deepen learning and effect change.

4. **Mix It Up**
   - Build agile structures that facilitate intellectual mixing and internal collaboration.

5. **Embrace the City, Embrace the World**
   - Achieve public impact through research and learning.

6. **Experiment Boldly**
   - Be inventive and enterprising in creating tomorrow’s university.

7. **Go Beyond**
   - Push past the status quo and go the extra mile for members of our community.

8. **Take Pride**
   - Celebrate successes and be purposeful about building a legacy.

9. **Grow Smartly**
   - Add capacity where our strengths and emerging enrolment demand intersect.

10. **Concordia Today**
    - Keep up with the latest developments at Concordia University.
THE CAMPAIGN FOR CONCORDIA WILL SET THE PACE IN RESEARCH AND LEARNING FOR WHAT’S NEXT.

RESEARCH INITIATIVES:
- Institute for Preventive Health and Healthy Living
- Institute for the Urban and Built Environment
- Milieux Institute for Arts, Culture and Technology
- Department of Chemical and Materials Engineering
- Centre for Applied Synthetic Biology
- Centre for Cybersecurity
- Centre for Arts, Culture and Technology
- Department of Chemical and Materials Engineering
- Big Data Analytics Hub

NEXT-GENERATION TALENT, TEACHING AND LEARNING:
- District 3 Innovation Center
- Co-op and experiential learning
- Field schools and summer institutes
- Graduate awards
- Undergraduate awards
- Horizon postdoctoral fellowships
- Student Success Centre
- Athletic financial awards

THE PUBLIC-FACING UNIVERSITY:
- Social Innovation Network
- Think Tank on Global Mobility and Human Rights
- Think Tank on Engineering, Technology and Public Policy
- Experts-in-Residence Initiative
- Public Scholars Program
- Concordia University Press

PLACES AND SPACES:
- New School of Art, Performance and Design
- Indigenous Cultural Centre
- Living Labs
- 4th Space Research Vitrine
- Institute for Next-Generation Teaching and Learning
Learn how you can support the next generation of Concordia students. Contact our development staff at 514-848-2424, ext. 4856.

Share your #CUpride and #CUALumn stories via @ConcordiaAlumni