



CONCORDIA  
UNIVERSITY  
OF EDMONTON



# RESEARCH FORUM

APRIL 16, 2021

*“Research is a ceremony.  
And so is life. Everything that  
we do shares in the ongoing  
creation of our universe.”*

—SHAWN WILSON

# PROGRAM

**8:30 AM CHECK-IN**

**9:00 AM OPENING REMARKS**

BY DR. TIM LOREMAN  
PRESIDENT AND VICE-CHANCELLOR

**9:15 AM VIDEO PRESENTATION**

PRESENTING CUE'S 100TH ANNIVERSARY SHORT FILM

**9:30 AM POSTER COMPETITION**

BREAKOUT ROOMS

**11:30 AM BREAK**

**12:00 PM POSTER COMPETITION**

BREAKOUT ROOMS

**2:00 PM BREAK**

**2:30 PM AWARDS CEREMONY AND  
STUDENT PRESENTATIONS**

**3:30 PM ADJOURNMENT**

# DR. VALERIE HENITUIK

VICE-PRESIDENT ACADEMIC  
& PROVOST



A showcase for scholarly activity within all disciplines across campus, by both faculty and students, this Research Forum is an annual highlight at Concordia University of Edmonton.

As Vice-President Academic and Provost, I have the honour of overseeing not only the academic units, but also research, and it's thrilling to see the strong, provocative work being done here at all levels, with different partners, and on various platforms. Innovation is celebrated, individual passions explored, and our knowledge enriched.

In this centennial year for CUE, we celebrate our evolution from the early years to what we represent today: a small but pre-eminent, highly research-active university, with powerful connections to community, to industry, as well as between and among the various departments on our own campus. Our Allan Wachowich Centre for Science, Research and Innovation, which along with providing world-class laboratory space also offers a home to our BMO Centre for Innovation and Applied Research, our Centre for Chinese Studies, and the Concordia Centre for Applied Artificial Intelligence. The Indigenous Knowledge and Research Centre has pride of place on the main floor, signalling the respectful relationship CUE is always keen to foster with First Nation, Métis, and Inuit peoples.

Of course, the current pandemic conditions do not allow us to gather together on the campus the way we normally do and the way we all wish we could. Nonetheless, this event in its 2021 iteration demonstrates how well CUE can pivot to ensure the work gains an audience and the inspiring conversations continue.

Students in particular enjoy unique, hands-on experiences at CUE, working closely on their own projects as well as alongside their professors. Their work—whether as graduate students or undergrads—as highlighted in the Forum delights me with its breadth and depth, and with the joy of discovery inherent in so many fine projects.

An active researcher myself, I know how much work and thought are involved with designing a project, developing a methodology, investigating what may sometimes seem to be blind alleys, and then analysing the results. Dissemination is yet another step, and again it can often be challenging to present scholarly research in ways that are both rigorous and accessible to non-specialists. All participants are to be commended for delivering their work in terms and formats that contribute to thoughtful dialogue.

Warm congratulations to all of this year's Research Forum presenters!

# DR. RAMSES ILARRAZA

ASSISTANT VICE-PRESIDENT RESEARCH



I am thrilled to be a part of the exciting and innovative research environment at CUE. We are an active community that is engaged and supportive of academic research, for both faculty and students. After a short break, the Student Research Forum is back, and reinvigorated. Last year, we had to make the tough decision to cancel the event due to COVID-19. The pandemic has interfered with many research activities, causing delays and restricting progress. However, I am elated to see the resilience of our students, overcoming adversity to continue the pursue of their academic careers.

It is my pleasure to welcome all participants to the 2021 Student Research Forum, our flagship event for student research at CUE. I would like to encourage our community to participate in this and other research activities at CUE. The success of CUE's research is shared by us all. Activities such as the Research Forum, along with our new Faculty Symposium and Student Research

Café Series are some of the opportunities that CUE provides to its members to advance their research and showcase their achievements.

This year we will also hold our Second Annual Poster Competition, where undergraduate and graduate students present their posters to their peers, faculty members and other visitors, and showcase their research and presenter skills. Three prizes will be awarded in each of these categories: undergraduate and graduate. The Academic Community at CUE is proud to show its support for our students.

In addition to the Student Research Forum, and as part of our Centennial Anniversary celebrations, for 2021 CUE is also proud to host the Undergraduate Research in Science Conference of Alberta, scheduled for May 3-4, 2021, under the topic "Undergraduate Research under Extraordinary Circumstances".

# DR. TIM HEATH

DEAN, FACULTY OF ARTS



On behalf of the Faculty of Arts, welcome to the 2021 Concordia University of Edmonton Student Research Forum. Research is integral to the Faculty of Arts, for it animates and undergirds excellence in teaching, contributes to the expansion of disciplinary knowledge, and serves to benefit the broader community. The research activity in the Faculty of Arts bespeaks the vitality its faculty members and students, for research in Drama, English, French, History, Music, Philosophy, Political Economy, Psychology, Religious Studies, and Sociology makes its way into conference papers, articles, book chapters, books, academic journals, course assignments, data collection initiatives, surveys, and also in practical applications in stage and in performance. This list puts emphasis on the products of research, yet research is also an ongoing process in the Faculty of Arts, a process which is

marked by individual and collaborative inquiry that in some instances takes years of sustained effort to bear its fruit. The ways in which faculty members participate in research clusters is one but one way in which research in progress is shared and developed in the collegial context that distinguishes CUE.

The research on view from students in the 2021 Student Research Forum is a source of pride in the Faculty of Arts, for such work is a significant contribution to CUE's overall research activity. As the Dean of Arts, I am pleased to endorse the student research presented at this year's forum, as well as the ongoing research in the Faculty. I am also grateful to the Office of Research Services for its role in promoting and supporting research at CUE, notably its ongoing work of facilitating this forum.

# DR. EDGAR SCHMIDT

DEAN, FACULTY OF EDUCATION



On behalf of the faculty, students, and staff of the Faculty of Education, we value your participation in the 2021 Concordia Research Forum. We anticipate that this year's Research Forum will provide participants with an opportunity to share research, exchange ideas, and contribute to discipline knowledge.

I am very proud of the research and dissemination of knowledge that the Education faculty members are engaged in. Their work ranges from the challenges and opportunities facing refugee families to questions related to large scale education systems in Alberta. Further, our Master of Education in Educational Leadership provides opportunities for graduate students to engage in educational research.

As the Education faculty grows, the opportunities for research grows as well. We look forward to sharing new knowledge and how it can be applied in our work.

# DR. ALISON YACYSHYN

DEAN, MIHALCHEON SCHOOL  
OF MANAGEMENT



On behalf of the Faculty of Management, I am proud to recognize the research produced by students at the 2021 Research Forum.

The opportunity to share works in progress, or studies already completed, demonstrates the commitment to research at Concordia University of Edmonton (CUE). I am particularly proud of the research activity in the Faculty of Management. Collaborations demonstrate synergy. Student presenters are welcomed to the online event and commended for sharing their research with others, both at the undergraduate and graduate levels. Faculty and staff members who have collaborations with individuals from within CUE and other institutions demonstrate that collegiate research builds bridges.

Congratulations to all who have participated in CUE's Annual Research Forum online event this year that has spotlighted the researchers amazing efforts that take place throughout the year. May the discussions that take place at the forum stimulate ongoing discussions and future research opportunity connections.



# DR. PATRICK KAMAU

DEAN, FACULTY OF SCIENCE &  
INTERIM DEAN OF GRADUATE STUDIES



The Faculties of Science and Graduate Studies welcome you to Concordia University of Edmonton virtual Research Forum 2021. As the Dean, it gives me great pride and joy as we celebrate for the sixth year in a row CUE's research efforts and findings. Graduate Studies and Science continues to be well represented and I am profoundly excited about the breadth and depth of research in the Faculties. Just like last year, this year is different as we will be presenting virtually and not what we are accustomed to in a face-to-face setting. That said, the student projects are as involved, well researched and encompass many different areas of inquiry. Undergraduate and Graduate student research has flourished over the years supported by a very knowledgeable and dedicated faculty. This indeed is attested by our continued success in the Undergraduate Research in Science Conference of Alberta (URSCA) where one of our biology posters placed first (2019) and first place for our mathematics last year. The graduate students have been

publishing in top notch journals for the Master of Information Systems Security Management (MISSM) as well as in the Master of Information Systems Assurance Management (MISAM) programs. With the new Bachelor of Science in Information Technology (BScIT), Master of Science in Information Technology (MScIT) and Psychology Doctorate (PsyD), the Faculty of Science and the Faculty of Graduate Studies are poised to be well represented in CUE Research forums in the coming years.

We continue to embark on a collaborative research culture in the Faculties of Science and Graduate Studies, be it with student projects or faculty-led research. Collaborative research effort between different departments with the Faculty of Science or across CUE is combining various areas of expertise in order to investigate projects of considerable breadth with areas of interest straddling engagement from basic to applied research. This is attested by the kinds of poster presentations from the Faculty of Science and Graduate Studies in the 2021 Research Forum.

# QUINN CARTER

RESEARCH ADMINISTRATOR  
OFFICE OF RESEARCH SERVICES



The Office of Research Services (ORS) is pleased to welcome all participants to Concordia University of Edmonton 2021 Student Research Forum and Second Student Poster Competition.

The ORS provides a variety of services to CUE's research community. The mandate of the ORS is to:

- guide and assist members of all CUE faculties when planning and submitting research grant applications, for internal as well as external opportunities;
- facilitate CUE's internal grant processes for both faculty members and students;
- be the in-house source of information regarding funding opportunities and research funding agencies;
- connect funding agencies, sponsors, CUE management, and other stakeholders;
- ensure that the administrative requisites of research sponsors are met, including the verification of eligible expenses;
- educate and provide training on grant writing, budget development, and other activities to potential applicants who are seeking to enhance their chances of success in external competitions;
- develop and foster frameworks for research activities at CUE, including the development of policies, the creation of Research Clusters and Research Committees, and the establishment of research collaborations, both internally and with other institutions; and,
- broadcast the many successes of CUE's research community through events such as the Student Research Forum.

**For Additional Information on the  
Office of Research contact:**

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