



CONCORDIA  
UNIVERSITY  
OF EDMONTON



# RESEARCH FORUM

APRIL 16, 2019 • 2-5 PM

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

—SHAWN WILSON

# PROGRAM

**1:00 PM REGISTRATION**  
TEGLER STUDENT CENTRE

**2:00 PM OPENING REMARKS**  
TEGLER STUDENT CENTRE

BY DR. VALERIE HENITIUK  
VICE-PRESIDENT ACADEMIC & PROVOST

**2:05 PM POSTER COMPETITION**  
TEGLER STUDENT CENTRE  
(UNDERGRADUATES)

**DESIGN THINKING SPACE**  
(GRADUATES & FACULTY)

**4:15 PM POSTER AWARDS**  
DESIGN THINKING SPACE

WINNERS PRESENT ORALLY  
(5 MIN EACH)

**5:00 PM ADJOURNMENT**

# DR. VALERIE HENITUK

VICE-PRESIDENT ACADEMIC  
& PROVOST



## WELCOME FROM THE VICE-PRESIDENT ACADEMIC & PROVOST

I am delighted to welcome all colleagues and visitors to this Research Forum, featuring work by faculty and students across our small but lively campus.

Research falls among my scope of responsibilities as Provost of Concordia University of Edmonton, and it's thrilling to see the strong, provocative work being done here at all levels, with different partners, and on various platforms. This particular forum, our fourth annual, highlights this innovative research culture in immediate, eye-catching ways.

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.

Our new Allan Wachowich Centre for Science, Research and Innovation, which along with providing world-class laboratory space also offers a home to our Centre for Innovation and Applied

Research, our Centre for Chinese Studies, and a new Artificial Intelligence Centre. The Indigenous Knowledge and Research Centre has pride of place on the main floor, signalling a new, more respectful relationship with FNMI communities.

CUE is currently developing a new Strategic Research Plan, which will help shape our evolving research culture over the next five years and position us for continued success beyond that. Consultations have been held over the past several months with various constituencies cross campus, to ensure we successfully address the varying needs and ambitions across campus. Who are we as a research community today? What values do we want to maintain and uphold? What is working well in our research programs, and what could benefit from additional support? The first draft of this SRP will be circulated for additional feedback before Fall, but don't hesitate to reach out at any time to talk with me about your research and how it can thrive.

Congratulations to all of this year's Research Forum presenters, and I encourage other students and faculty members to join us next year!

# DR. COLIN NEUFELDT

ASSISTANT VICE PRESIDENT ACADEMIC  
& DEAN OF GRADUATE STUDIES



## WELCOME FROM THE DEAN OF GRADUATE STUDIES

Best Wishes to all Participants in the 2019 Research Forum!

On behalf of the Faculty of Graduate Studies at Concordia University of Edmonton (CUE), I want to extend my best wishes to all participants in the 2019 CUE Research Forum.

The Research Forum provides an excellent venue for students, faculty and staff to showcase their research, learn from the research accomplishments of colleagues, participate in stimulating academic discussions, and foster future research opportunities that are so important to the intellectual life at CUE.

Time and again, students tell me how rewarding it is to participate in the forum and to learn about the research endeavors of their fellow students.

I wish all of you every success in this very important celebration of CUE's research accomplishments.

# DR. RAMSES ILARRAZA

RESEARCH OFFICER,  
OFFICE OF RESEARCH



## WELCOME FROM THE OFFICE OF RESEARCH

The Office of Research Services (ORS) is thrilled to be a part of the exciting and innovative research environment at CUE. At ORS, we are glad to promote CUE as a community engaged and supportive of academic research, for both faculty and students.

New for this year is our First Annual Poster Competition. Undergraduate and Graduate Students will present their posters to their peers, Faculty members and other visitors. However, they will also be showcasing their research and presenter skills. After presenting their posters to a panel of adjudicators, three awards will be allocated per category. Each awardee will then have the opportunity for an oral presentation of their poster, in front of the audience of their peers, Faculty members and distinguished guests. The Academic Community at CUE is proud to show its support for our students.

The Office of Research Services provides a variety of services for CUE research community. The ORS is committed:

- To guide and assist members of all Faculties at CUE when planning and submitting research grant applications, for Internal as well as for External opportunities; also, the ORS is in charge of facilitating the Internal Grant process, where several times a year, Seed and Impact grants are awarded to both Faculty members and students
- To be the source of in-house information source on funding opportunities and research funding agencies
- To be the connecting link to funding agencies, sponsors, CUE management and other stakeholders; we are also in charge of ensuring that the administrative requisites from sponsors are met, including the verification of eligibility of expenses
- To educate and provide training on grant writing, budget development and other activities, to potential applicants, seeking to enhance their chances of success during external competitions
- To develop the framework upon which research activities are developed and broadcasted to the community, including the development of policies, fostering the creation of Research Clusters and Research Committees, and encouraging CUE investigators to establish successful collaborations, both internal and with other institutions
- And, to broadcast the many successes of CUE research community by holding events such as the Annual Research Forum.

# DR. NEIL QUERENGESSER

DEAN, FACULTY OF ARTS



## WELCOME FROM THE DEAN OF THE FACULTY OF ARTS

Faculty of Arts Faculty of Arts is strengthened by research initiatives of faculty and students alike across all of its programs. These programs include Drama, English, French, History, Music, Philosophy, Political Economy, Psychology, Religious Studies, and Sociology. Many faculty complete individual projects such as books, or articles published in internationally recognized journals. These publications are often preceded or accompanied by related papers presented at major conferences. Research also happens through faculty members cooperating on applied or community-based initiatives involving practical data collecting, surveys, and the like. Faculty in the Fine Arts spend numerous hours researching their respective fields to create the finest musical and dramatic productions. Many professors also are members of faculty-initiated research clusters

meeting regularly to share their latest work with other members of the Concordia community. Concordia's Institute of Christian Studies and Society hosts research presentations throughout the year on timely and thought-provoking topics. But we are proudest of the many students in Concordia's Arts programs who also make significant research contributions, including those whose work is displayed here today. Students in graduate Psychological Assessment programs and the undergraduate Applied Psychology program complete a variety of practical research projects. And students in many other Arts programs are likewise being trained in the best and most effective methods of research in their areas of study. As the Dean of Arts I am very pleased to endorse the research presented at today's event as well as all the other ongoing research in our Faculty.

# DR. ALISON YACYSHYN

DEAN, MIHALCHEON SCHOOL  
OF MANAGEMENT



## WELCOME FROM THE DEAN OF THE MIHALCHEON SCHOOL OF MANAGEMENT

On behalf of the Faculty of Management, I am proud to recognize the research produced by undergraduate and graduate students as well as Faculty members at the 2019 Research Forum.

Research is a priority for the Faculty of Management and the opportunity to share works in progress, or studies already completed, demonstrates the commitment to research at Concordia University of Edmonton (CUE). Collaborations with students and Faculty also demonstrates synergy. Student presenters are welcomed to the event and commended for sharing their research with others, both at the undergraduate and graduate levels. Faculty members who have collaborations with individuals from other institutions also demonstrate that collegiate research builds bridges.

Congratulations to all who have participated in CUE's 4th Annual Research Forum event 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 opportunities.



# DR. PATRICK KAMAU

DEAN, FACULTY OF SCIENCE &  
DIRECTOR, CENTRE FOR INNOVATION  
AND APPLIED RESEARCH



## WELCOME FROM THE DEAN OF THE FACULTY OF SCIENCE

Once again, welcome to Concordia University of Edmonton Research Forum 2019. As the Dean of Science, it gives me great pride and joy as we celebrate for the fourth year in a row CUE's research efforts and findings. Science continues to be well represented and I am profoundly excited about the breadth and depth of research in the Faculty. Undergraduate student research has flourished over the years supported by a very knowledgeable and dedicated faculty. The Faculty are engaged in research in all fields from biology to public health, some in basic research and others in applied research.

We continue to embark on a collaborative research culture in the Faculty of Science, be it with student projects or faculty-led research. Collaborative research effort between different departments in the Faculty of Science, namely Departments of Biological and Environmental Sciences, Public Health, and Physical and Mathematical Sciences is combining various areas of expertise in order to investigate a projects of considerable breadth. This is attested by the kinds of poster presentations from the Faculty of Science in 2019 research forum.

# DR. EDGAR SCHMIDT

DEAN, FACULTY OF EDUCATION



## WELCOME FROM THE DEAN OF THE FACULTY OF EDUCATION

On behalf of the faculty, students, and staff of the Faculty of Education, we value your participation in the 2019 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 is providing opportunities for graduate students to engage in educational research, which we hope to showcase very soon.

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.

**For Additional Information on the  
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