



RESEARCH FORUM

CUE Student Research Forum and Poster Competition
TUESDAY, APRIL 19, 2022

PROGRAM

Tuesday, April 19, 2022 | Robert Tegler Student Centre

12:30 PM CHECK-IN

1:00 PM OPENING REMARKS

BY DR. TIM LOREMAN, PRESIDENT AND VICE-CHANCELLOR

1:15 PM POSTER COMPETITION

4:00 PM BREAK

4:30 PM AWARDS CEREMONY

5:00 PM ADJOURNMENT



DR. BARBARA VAN INGEN

VICE-PRESIDENT ACADEMIC
& PROVOST



I am honoured to celebrate this year's Student Research Forum with you. This is a special time of the academic year, when innovation is showcased, curiosity is explored, and knowledge is enriched.

As Concordia University of Edmonton (CUE) enters its second century, events like this one highlight what the university is today: a small yet pre-eminent, research-active university with powerful connections to community, to industry, and within our own campus. Today is a celebration of CUE, its students, and its researchers.

Undergraduate and graduate research is a transformational experience. CUE students have the opportunity to gain

significant hands-on experience by leading their own research projects, working alongside their professors, and presenting their findings. The valuable skills that the presenters gain today will serve them well in their careers and throughout their lives.

The research work that you will hear more about today represents the many disciplines across campus and the exceptional caliber of CUE's research. I want to extend a warm congratulations to all of this year's presenters. Thank you to the Office of Research Services for organizing this event and to all the faculty members who guided and supported the students with their projects.

CONRAD VAN DYK

DEAN OF ARTS (INTERIM)



On behalf of the Faculty of Arts, welcome to the 2022 Concordia University of Edmonton Student Research Forum. The philosopher Aristotle wrote in *The Nicomachean Ethics* that “Anything that we have to learn to do we learn by the actual doing of it.” This certainly applies to academic scholarship, where it does not help to only teach research principles in the abstract. Student participation in the Research Forum is about learning through doing. The process of collecting and presenting information effectively and persuasively is an art form that takes

time to master. It is therefore exciting to witness students honing their craft and communicating their learning with the wider campus community. The research skills students develop will serve them well in the workplace, where innovation and development are keys to success. As the Dean of Arts (Interim), I am pleased to see the student research presented at this year’s forum, as well as the ongoing research in the Faculty of Arts. I am also grateful to the Office of Research Services for its role in promoting and supporting research at CUE.

DR. PATRICK KAMAU

DEAN OF SCIENCE



The Faculty of Science welcomes you to Concordia University of Edmonton's 2022 Research Forum. As Dean, it gives me great pride and joy as we celebrate another year of 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 of Science. I am thrilled that this year, unlike in the last couple of years, the Forum will be held in person. The suite of student projects is diverse and well-researched, and the projects encompass many different areas of inquiry. Undergraduate and graduate student research has flourished over the years at CUE, thanks to the support of very knowledgeable and dedicated faculty members. The continued success of CUE students in the Undergraduate Research in Science Conference of Alberta (URSCA) also attests to this fact.

At last year's Research Forum, the Faculty of Science had 24 entrants, with Science students taking first and third

place awards in the graduate category, as well as second and third place awards in the undergraduate category. With the new Bachelor of Science in Information Technology (BScIT) and Master of Science in Information Technology (MScIT) programs, as well as other anticipated program enhancements, the Faculty of Science is poised to be well represented in CUE Research Forums in the coming years.

We continue to develop a collaborative research culture in the Faculty of Science, be it with student projects or faculty-led research. Collaborative research efforts between different departments and programs within the Faculty of Science—and across CUE—are bringing together various areas of expertise to investigate projects of considerable breadth, with areas of interest ranging from basic to applied research. This is attested to by the rich variety of presentations from the Faculty of Science in the 2022 Research Forum.

DR. EDGAR SCHMIDT

DEAN OF EDUCATION



On behalf of the faculty members, students, and staff of the Faculty of Education, we value your participation in the 2022 Research Forum. We look forward to the Forum, as it provides student researchers with an opportunity to share research, exchange ideas, and contribute to discipline knowledge.

Education faculty members are engaged in important research in a variety of areas. Their work ranges from examining the challenges and opportunities encountered by racialized minorities in education systems, to managing the

pandemic in educational and home settings; from masculinity and power, to physical education and inclusion principles; from implementation of professional practice standards outside of and within teacher education programs, to new course development.

Disseminating research across Faculties supports the potential cross-pollination of new ideas and applications, and this Research Forum will help to develop new interdisciplinary approaches to research topics and methods.

DR. ALISON YACYSHYN

DEAN OF MANAGEMENT



At Concordia University of Edmonton (CUE), we engage in the tripartite mission of higher education—of teaching, research and service. The 2022 Research Forum at CUE spotlights the research activities of students, faculty members, and staff. The opportunity to share works-in-progress, or studies already completed, demonstrates CUE's commitment to research and the collegial collectivity. Student presenters are welcomed to the event and commended for sharing their research with others, at both the undergraduate and graduate levels. Faculty and staff

members who have collaborations, both within CUE and with other institutions, demonstrate that collegiate research builds bridges. I am particularly proud of the research activity of the Faculty of Management, and I congratulate those who are participating in the event.

To all those who are participating in this year's Research Forum: thank you for sharing your work, and for the efforts that you have put into it. May the discussions that take place at the Forum inspire future research opportunities and connections.

QUINN CARTER

RESEARCH ADMINISTRATOR

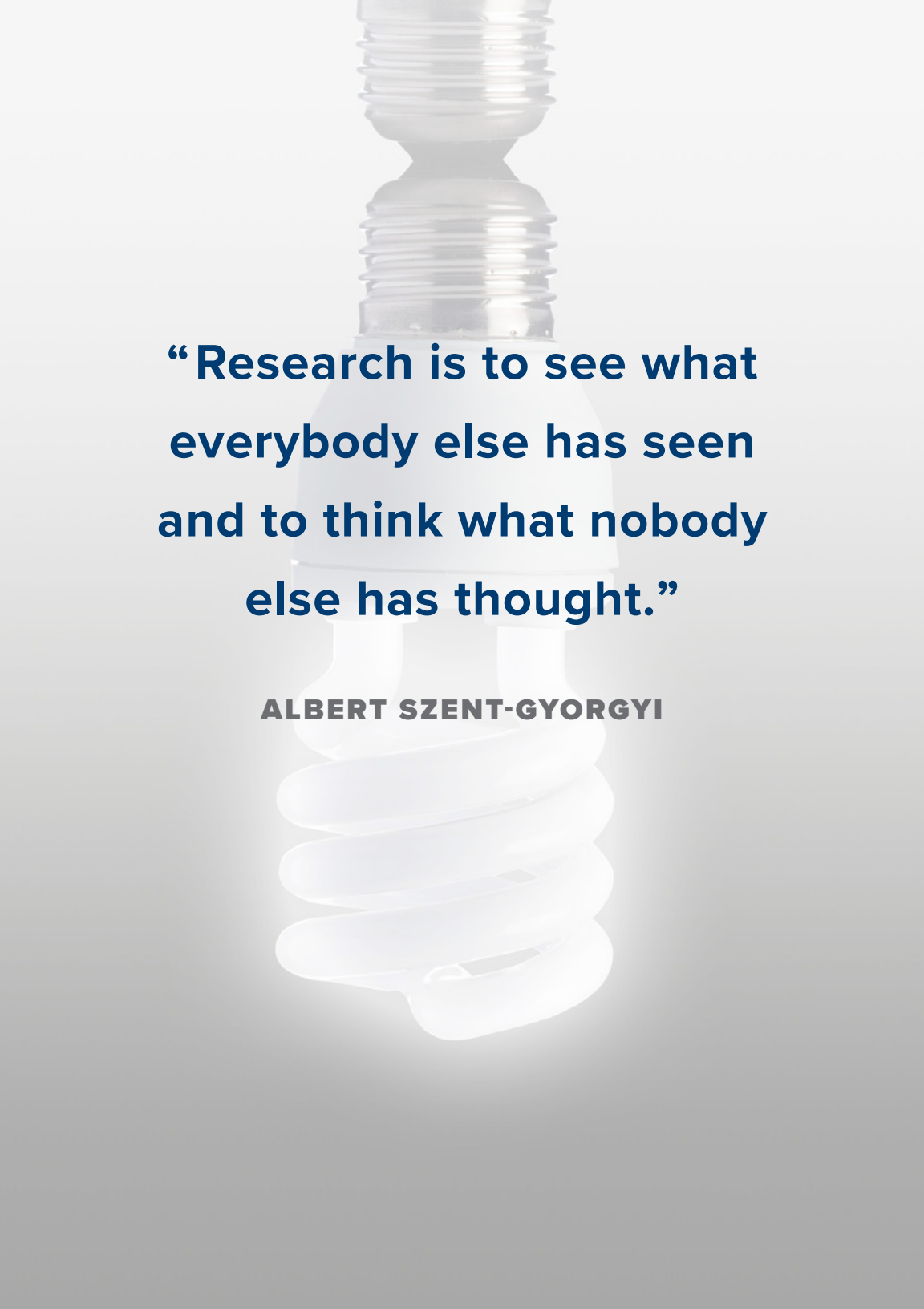


The Office of Research Services (ORS) is pleased to welcome all participants to the 2022 Student Research Forum and Poster Competition at Concordia University of Edmonton (CUE).

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

- guide CUE faculty members when planning and submitting research grant applications for both internal and external funding opportunities;
- facilitate CUE's internal grant processes for both faculty members and students;
- be the in-house source for information regarding research opportunities;
- connect sponsors, applicants, and other stakeholders;
- provide training on grant writing, budget development, and other activities to potential grant applicants;
- develop and foster frameworks for research activities at CUE; and,
- broadcast the many successes of CUE's research community through events such as the Student Research Forum.

We offer our sincere thanks to all of this year's participants, and we wish you every success with your research endeavours!



**“Research is to see what
everybody else has seen
and to think what nobody
else has thought.”**

ALBERT SZENT-GYORGYI

For additional information, please contact the

OFFICE OF RESEARCH SERVICES

at

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