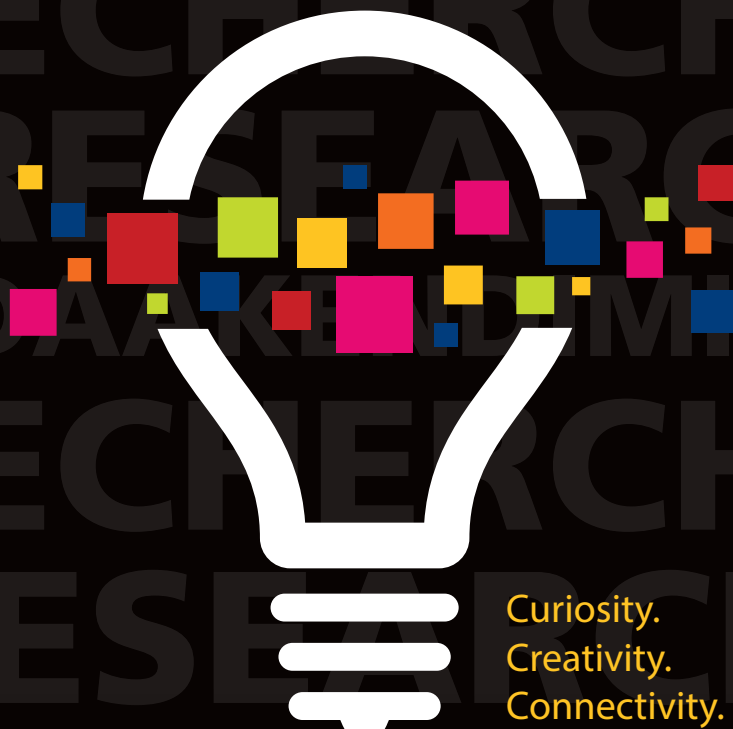


Research Week

FEBRUARY 24-28



Curiosity.
Creativity.
Connectivity.

PROGRAM



Laurentian University
Université Laurentienne

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MONDAY, FEBRUARY 24, 2020 – DAY 1

11:00 a.m. – 1:00 pm ■ Opening Ceremony and Keynote Address

(West Residence, W-132)

Join us for the official launch of Research Week 2020, including the Proclamation from the City of Greater Sudbury, the release of the 2020 edition of The Key, Laurentian's research magazine, and the Research Week scarf reveal.

The Opening Ceremony will be followed by the Keynote Address from Dr. Amadeo Parissenti, 2019 winner of the Laurentian University Research Excellence Award. Dr. Parissenti will give a talk on a new tool pioneered in Sudbury to monitor chemotherapy effectiveness in real-time in cancer patients. Using the tool, patients with tumours responding to treatment could continue treatment in confidence, while non-responding patients can be spared the costs and side effects of the ineffective regimen and move rapidly to alternate treatments.

Lunch will be served at 12:00 pm.

1:00 – 4:30 pm ■ Learning to Walk the Talk: An Indigenous Health Research Mini-Series *(Indigenous Sharing and Learning Centre)*

Members of Dr. Jennifer Walker's (Canada Research Chair in Indigenous Health) Indigenous Health Research program, including graduate students and community researchers, are hosting an Indigenous Health Research showcase.

2:30 – 4:30 pm ■ Mobiliser les connaissances : un partage des meilleures pratiques *(West Residence, W-132)*

Join CNFS-Laurentienne for a presentation and a game on the role of knowledge mobilization in research, followed by a presentation on innovative knowledge mobilization practices.

2:30 – 4:30 pm ■ Paint Your Research *(Makerspace, Cliff Fielding Building, CF-201H)*

Join members of the SNOLAB outreach team to creatively express your research and take the abstract, jargon-filled science that we do day-to-day, and turn it into ART! Open to all research disciplines and artistic abilities. Materials and light refreshments are provided.

TUESDAY, FEBRUARY 25, 2020 – DAY 2

9:00 am – 4:30 pm ■ Graduate Students Symposium – Day 1 (*Cliff Fielding Research, Innovation and Engineering Building, CF-203*)

Over the next three days, graduate students across all faculties and disciplines will present their research to the wider university community. A panel of judges will evaluate the students on their presentations and their ability to answer follow up questions. Prizes will be awarded in multiple categories.

9:30 – 10:30 am ■ Pre-Service Teachers' Understanding of Citizenship (*Fraser Building, Executive Learning Centre, FA-386*)

This presentation by Dr. Jennifer Straub (School of Education) will share the findings of a phenomenographic study that explored how pre-service teachers understand the concept of citizenship.

10:30 am – 12:00 pm ■ Under Our Noses: Using existing assessments to gauge longitudinal learning (*Fraser Building, Executive Learning Centre, FA-386*)

Paisley Worthington (Centre for Academic Excellence) will present detailed learning outcomes assessment data describing students' actual skills that are needed to facilitate targeted improvements to curricula. Using our newly developed profile tool and program-level developmental rubric, we compare student achievement across year levels and generate previously unavailable data from the 2018-2019 academic year.

12:00 – 1:00 pm ■ 3-Minute Research (3MR): Faculty Presentations (*Jim Fielding Innovation and Commercialization Space, CF-201, Cliff Fielding Building*)

The 3MR is a lightning round of presentations where Laurentian faculty members will present their research in 3 minutes, using only 1 slide.

2:30 – 3:30 pm ■ Qualitative Analysis of Motives for Opioid Use (*Fraser Building, Executive Learning Centre, FA-386*)

Nursing researchers and students will present their current research into the reasons why individuals of different demographics start using opioids over the course of their lives.

4:30 – 6:30 pm ■ Research Trivia Night (*University Club, 2nd floor Fraser Building*)

Test your general and Laurentian research trivia knowledge at Research Trivia Night! All are welcomed; teams are encouraged. There will be refreshments and prizes.

7:00 – 9:00 pm ■ Faculty of Health Pecha Kucha Event (*La Fromagerie, 80 Elgin St.*)

Faculty of Health faculty and students will present their research in Pecha Kucha fashion. Pechakucha means 'chit chat' in Japanese and is an open, fun and informal way to describe projects. Open to all.

WEDNESDAY, FEBRUARY 26, 2020 – DAY 3

9:00 am – 4:30 pm ■ Graduate Students Symposium – Day 2

(Cliff Fielding Research, Innovation and Engineering Building, CF-203)

9:00 am – 12:00 pm ■ Moving Towards Participatory Team Research on Aging in the North East

(West Residence, W-132)

The Laurentian Research Institute for Aging will report on research initiatives that focus on caregivers in the North East and discuss public engagement in participatory research approaches, in particular, the need to support caregivers of older adults with dementia.

10:30 – 11:30 am ■ Evaluating Decision-Making and Relationship Competence when Reporting Suspected Child Abuse and Neglect

(Governors' Lounge, 11th floor, R.D. Parker Building)

In this presentation, Dr. Lea Tufford (School of Social Work) will discuss the development of an educational toolkit to train social work students and practitioners in the mandatory reporting of child maltreatment, specifically around decision-making and relationship maintenance strategies.

11:00 am – 12:00 pm ■ Louise Picard Presentations

(Fraser Building, Executive Learning Centre, FA-386)

The Louise Picard Public Health Research Grant is a joint research program between Public Health Sudbury & Districts and Laurentian University. Past recipients will present their research and the 2020 recipients will be announced.

11:30 am – 1:00 pm ■ 3-Minute Thesis Competition (3MT®)

(Jim Fielding Innovation and Commercialization Space, CF-201, Cliff Fielding Building)

Laurentian graduate students will present their research and its wider impact on society to a panel of non-specialist judges in three minutes or less, using only one slide.

1:00 – 4:00 pm ■ Health and Education Research in our Community

(Northern Water Sports Centre, 206 Ramsey Lake Road)

ECHO and CRAnHR research teams present their research and engage in conversations about new trends and findings as they pertain to Health in North-Eastern Ontario.

2:30 – 4:30 pm ■ *Atteintes à la santé* (West Residence, W-132)

Students from the *École des sciences infirmières* will present research posters on diverse health issues.

4:30 – 7:30 pm ■ Behavioural Neurosciences at Laurentian

(Fraser Building, Executive Learning Centre, FA-386)

A celebration of past and present achievements of the Behavioural Neuroscience Research Group. Collaborators and students will present on a wide range of topics including the biological effects of magnetic fields, biophoton production from living systems, correlates of behaviour with electrical activity, and statistical evaluation of complex systems.

7:00 – 8:00 pm ■ Nature as a Remarkable Chemist: The Discovery and Development of Taxol® (*Science North, 100 Ramsey Lake Rd.*)

Dr. Susan Band Horwitz, Canada Gairdner International Laureate, 2019, distinguished Professor, Rose C. Falkenstein Chair in Cancer Research, Department of Molecular Pharmacology, Albert Einstein College of Medicine, New York.

Dr. Howitz is best known for elucidating the mechanism of action of Taxol®, a natural product obtained from the yew tree, *Taxus brevifolia*. Her research played a crucial role in encouraging the development of Taxol® for use in the clinic, an important antitumor drug approved by the FDA for the treatment of ovarian, breast and lung carcinomas, as well as Kaposi's Sarcoma.

THURSDAY, FEBRUARY 27, 2020 – DAY 4

9:00 am – 4:30 pm ■ Graduate Students Symposium – Day 3 (*Research Hub, Cliff Fielding Building, CF-203*)

9:00 am – 4:00 pm ■ Science Art Show (*Atrium, R.D. Parker Building*)

Organized by Dr. Thomas Merritt, Laurentian's NSERC Leader, the Science Art Show is an annual creative arts competition where researchers are challenged to find aesthetic beauty in their experimental work and artists are urged to explore scientific concepts through their art.

9:00 – 10:30 am ■ Introduction to IC/ES North (*Fraser Building, Executive Learning Centre, FA-386*)

IC/ES North is a joint collaboration between IC/ES, Health Sciences North Research Institute, Laurentian University and the Northern Ontario School of Medicine. This session will highlight the potential of IC/ES North to support leading-edge collaborative research opportunities between IC/ES scientists, data analysts, physicians and researchers.

10:30 am – 1:00 pm ■ Canadian Forests in a Changing Climate (*Vale Living with Lakes Centre, LL-102*)

A symposium to highlight exciting research in forest ecology taking place in Sault Ste. Marie. Canadian forests in a changing climate will feature researchers from the Canadian Forest Service – Great Lakes Forestry Centre, Ministry of Natural Resources – Ontario Forestry Research Institute and Algoma University.

12:00 – 1:00 pm ■ Science Art Performances (*Atrium, R.D. Parker Building*)

Join us for live performances as part of the Science Art Show.

1:00 – 2:30 pm ■ Outcome #4: Changing the way we see A.R.T on campus (*Jim Fielding Innovation and Commercialization Space, CF-201, Cliff Fielding Building*)

The student-led project's goal is to make an augmented reality mobile application to tour the art we have on campus. This event will launch the initiative and encourage students and faculty to become involved.

2:30 – 4:30 pm ■ Department of Economics Presentations

(Governors' Lounge, 11th floor, R.D. Parker Building)

Economics students will present on the topics of Social Class and Health Inequality in Canada and Inequality and Polarization in Greater Sudbury. Also, Dr. Charles Beach, professor Emeritus at Queen's University, will give a talk on "An Economic Model of Family Income Distribution."

4:00 – 5:30 pm ■ Horror On the Stage: How Aristotle Tries to Make Sense of Theatre *(Senate Chamber, 11th floor, R.D. Parker Building)*

Join the Laurentian Humanities M.A. program and their guest speaker Professor Louis Groarke (St. Francis Xavier University, Department of Philosophy) for a talk.

FRIDAY, FEBRUARY 28, 2020 – DAY 5

10:00 am – 12:00 pm ■ Voyageurs' Innovation Challenge

(Jim Fielding Innovation and Commercialization Space, CF-201, Cliff Fielding Building)

The Voyageurs' Innovation Challenge is a unique entrepreneurship competition featuring teams of faculty members and students pitching their innovative business ideas to a panel of judges.

12:30 – 2:00 pm ■ Closing and Awards Ceremony

(Jim Fielding Innovation and Commercialization Space, CF-201, Cliff Fielding Building)

Please join us for the Research Week Closing and Awards Ceremony as we recognize the achievements of our faculty and students. Awards will be presented in the categories of:

- Best PhD and Best Master's Presentation Awards
- 3MT® Competition
- 3MR Competition
- Science Art Show
- Voyageurs' Innovation Challenge
- Innovation Award
- Research Excellence Award
- Top 10 Research Achievements of 2019

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