



Our **Research.** Our **Community.**

Research Week

March 19 to 23, 2018

Curiosity. Creativity. Connectivity.



LaurentianUniversity
Université **Laurentienne**

#LULRW2018 #LULMoments #LULResearch

Monday, March 19th

9:00 am – 4:30 pm ■ Graduate Symposium (*Governors' Lounge, 11th floor, R.D. Parker Building*)

Graduate student presentations will be held from March 19 – 21, 2018. Prizes for the best presentations will be given during the Awards Ceremony and Gala on March 22nd in the categories of: the Faculty of Arts, the Faculty of Management, the Faculty of Health, the Faculty of Sciences, Engineering and Architecture, in French and with Aboriginal content.

10:30 am – 12:00 pm ■ Opening Ceremony (*Atrium*)

The official launch of Research Week 2018 – Our Research, Our Community.

Announcements:

- Proclamation from the City of Greater Sudbury
- Release of the 2018 edition of *"The Key"*
- Release of the video *"Laurentian Research Success 2017,"* which will highlight and feature the 2017 research achievements of our faculty and students.
- Biomedical research funding announcement
- Announcement of CRaNR 25th anniversary

12:00 – 1:30 pm ■ Lunch and Keynote Address (*West Residence, W-132*)

The keynote address by Mr. Simon Kennedy, Deputy Minister of Health Canada will focus on the mandate of Health Canada and key initiatives of this government in the field of health research.

1:20 – 2:20 pm ■ Louise Picard Public Health Research Grant Presentations
(*West Residence, W-132*)

The Louise Picard Public Health Research Grant is a joint research program between Public Health Sudbury & District and Laurentian University.

Presentations:

- Speech by Mrs. Louise Picard
- Presentations by the following past grant recipients:
 - Drs. Suzanne Lemieux and Phyllis Montgomery: Response to Adverse Housing Situations Involving Vulnerable People
 - David Groulx and Dr. Heather Jessup-Falcioni: Understanding Academic Best Practices for Entry-to-Practice Competencies in Public Health Nursing
- Announcement of the 2018 Louise Picard Competition recipients

2:20 – 4:45 pm ■ Celebrating 25 Years of Rural Health Research Excellence; CRaNR 1992-2017 (*West Residence, W-132*)

The Centre for Rural and Northern Health Research (CRaNR) is celebrating 25 years of research.

Presentations:

- Keynote address from Dr. James Rourke, Centre for Rural Health Studies Director, Memorial University
- Rapid presentations of current projects:
 - Dr. Jennifer Walker: Faculty Investigator, Indigenous Health
 - Patrick Timony: Research Associate, Francophone Health
 - Dr. Stephen Ritchie: Faculty Investigator, Remote Health
 - John Hogenbirk: Senior Research Associate, Health Human Resources
- A panel discussion with past CRaNHR directors (Dr. Raymond Pong, Mr. John Hogenbirk and Dr. Wayne Warry)

4:45 – 5:30 pm ■ CRaNHR 25th Anniversary Wine and Cheese

(West Residence, W-132)

Tuesday, March 20th

9:00 am – 4:30 pm ■ Graduate Symposium *(Governors' Lounge, 11th floor, R.D. Parker Building)*

11:45 am – 2:00 pm ■ 3-Minute Thesis Competition (3MT®) *(Governors' Lounge, 11th floor, R.D. Parker Building)*

3MT® is a university-wide competition in which participants present their research and its wider impact on society in three minutes or less to a panel of non-specialist judges. The challenge is to present complex research in an engaging, accessible and compelling way, using only one slide. The winners compete in the Provincial Final at York University on April 19th, 2018.

9:00 am – 3:00 pm ■ Hidden Homelessness and Reconciliation

(West Residence, W-132)

Organized by the Centre for Research in Social Justice and Policy, the symposium will explore homelessness among Indigenous people in Canada.

Presentations:

- Indigenous opening ceremony by Crystal Osawamick
- Presentation by Jordan Assinewe, Program Coordinator for Healthy Kids – Healthy Communities, Shkagamik-Kwe Health Centre
- Presentation by Dr. Pamela Toulouse, Interim Associate Vice-President Academic and Indigenous Programs
- Talk by Fern Habel on his experience as a Métis living with homelessness and exiting the streets
- Keynote address by Jesse Thistle, York University, PhD candidate and resident scholar on Indigenous homelessness, Canadian Observatory on Homelessness. He will speak about his lived experience of homelessness, his research on an Indigenous definition of homelessness and implications for reconciliation.
- Presentations by the members of the research team for the SSHRC Partnership Award, led by Dr. Carol Kauppi, with Drs. Emily Faries, Kevin Fitzmaurice, Phyllis Montgomery, Suzanne Lemieux and Henri Pallard, Mike Hankard and Indigenous researcher Mariette Sutherland
- A photovoice exhibit illustrating forms of homelessness, including hidden homelessness



8:30 – 9:00 am ■ Welcoming Message from Health Sciences North/Health Sciences North Research Institute *(HSNRI, 56 Walford Road)*

Dr. Janet McElhane is a world-renowned geriatrician and researcher and one of only two geriatricians in northern Ontario. She balances her clinical work with a robust research program in health aging. She will present her research on influenza vaccines for older adults.

9:00 – 10:00 am ■ Research and Clinical Trials at HSNRI and the Northeast Cancer Centre *(HSNRI, 56 Walford Road)*

This presentation will provide an overview of the research and clinical trial research activities ongoing through HSN, HSNRI and the Northeast Cancer Centre. The five research priorities will be highlighted with information provided from multiple teams and units at HSNRI.

10:00 – 10:30 am ■ Walford Road Facility Tour: Labs and the Work of Scientists *(HSNRI, 56 Walford Road)*

A tour of HSNRI's new facility on Walford Road. A poster session will follow in the boardroom. A second tour will take place at noon.

10:30 – 11:00 am ■ Research in Supportive Care/Psychosocial Oncology *(HSNRI, 56 Walford Road)*

The research conducted by the Supportive Care Oncology Research Unit at the Northeast Cancer Centre strives to better understand the experiences of cancer patients across the cancer trajectory. This presentation by Marks Collins will provide an overview of the program's recent and ongoing research activities.

11:00 am – 12:00 pm ■ ICES North *(HSNRI, 56 Walford Road)*

Dr. Mike Conlon, site director for the Institute for Clinical Evaluative Sciences ICES North, will outline his research on cancer care issues in northern Ontario, including access to specialist care, the impact of improving access on patient treatment choice and cancer outcomes, and assessing palliative care delivery.

12:30 – 1:00 pm ■ Response-Guided Therapy for Cancer Patients: Can We Better Personalize Treatments to Improve Patient Care? *(HSNRI, 56 Walford Road)*

Dr. Amadeo Parissenti will describe the short-term and long-term toxic side effects that occur in patients undergoing cancer treatments and the urgent unmet need to identify patients with non-responsive tumours early in cancer chemotherapy or radiation therapy treatment. Dr. Parissenti is an affiliate scientist and principal investigator at HSNRI, as well as a full professor at Laurentian University and the Northern Ontario School of Medicine (NOSM).

1:00 – 1:30 pm ■ Nanopore Technology: A New Tool For Genome Sequencing, Challenges and Promises *(HSNRI, 56 Walford Road)*

Dr. Gustavo Ybazeta will present results using MinION sequencing technology applied to bacteria, viruses and direct RNA sequencing. He will also discuss some of the challenges and promises of this new approach to the field of research and health care.



1:00 – 3:00 pm ■ SNOLAB Cookies and Cloud Chambers (*Atrium*)

Cloud Chambers are simple detectors that can make the tracks of different particles visible. They allow people to observe cosmic rays and other particles in real time. Scientists working at SNOLAB will be on-hand to talk about cosmic rays, background radiation and the work that they are doing at SNOLAB.

1:00 – 4:00 pm ■ Student Symposium - LGBTQ2+ Youth Homelessness in Ontario (*Brenda Wallace Reading Room*)

School of Indigenous Relations' student, Vincent Bolt, will present his research about LGBTQ2+ youth homelessness in Ontario, and the issues that this population encounters when seeking shelter services.

2:00 – 3:30 pm ■ Rencontres express : À la recherche de partenaires pour améliorer l'accès et la qualité des soins de santé des francophones (*Alphonse Raymond Pavilion, E-211*)

Cette activité du CNFS-Laurentienne a pour but de permettre aux chercheurs de partager leurs projets ou initiatives de recherche actuel et les thèmes qu'ils aimeraient aborder dans l'avenir (sous le thème d'améliorer l'accès et la qualité des soins de santé de nos communautés en situation minoritaire). C'est aussi une occasion pour les organismes communautaires de la région de présenter leurs réalités et les collaborations en recherche qu'ils voudraient mener.

7:00 – 10:00 pm ■ Research Trivia Night (*Pub Downunder*)

Test your science and research trivia knowledge at Research Trivia Night! All are welcome - teams are encouraged.

Wednesday, March 21st

9:00 am – 4:30 pm ■ Graduate Symposium (*Governors' Lounge, 11th floor, R.D. Parker Building*)

11:45 am – 12:45 pm ■ 3-Minute Research (3MR): Faculty Presentations (*Governors' Lounge, 11th floor, R.D. Parker Building*)

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

1:00 – 4:30 pm ■ BIO SciComm "Ted Talks" (*Governors' Lounge, 11th floor, R.D. Parker Building*)

Master's students from the Biology and Science Communication programs will hold the first annual BIO SciComm "Ted Talks". Produced and directed by the Science Communication students, this group of biologists will engage and inspire the audience with their fascinating research and polished presentation skills.



9:00 am – 7:00 pm ■ Work on Wood | Le bois à l'œuvre

(McEwen School of Architecture)

This full-day conference will begin a dialogue on the economic, environmental, industrial and design issues surrounding the development of an architectural wood industry.

9:00 am – 5:00 pm ■ SciArt (formerly ICEBATS) (Atrium)

SciArt is an annual creative arts competition centered on science and research.

Researchers are challenged to find aesthetic beauty in their experimental work and artists are urged to explore scientific concepts through their art.

8:30 am – 12:30 pm ■ Celebrating Children's Health Research in the Community

(Vale Living with Lakes Centre, LL-202)

Evaluating Children's Health Outcomes (ECHO) faculty, students, and community partners will share key findings of recently completed and in-progress research. During the conference, presenters will address the following questions: How did involving the community benefit the research? What challenges had to be addressed in involving the community (broadly defined)?

10:00 – 11:00 am ■ Shastri Indo-Canada Institute Funding Opportunities at

Laurentian *(Executive Learning Centre, 3rd floor, Fraser Building)*

The Department of Marketing and Management of the Faculty of Management will showcase their new partnership with the Shastri Indo-Canadian Institute (SICI), which promotes understanding between India and Canada through academic activities including student and faculty exchanges, research partnerships, and funding opportunities.

1:00 – 3:00 pm ■ SNOLAB - Let's Start a Conversation (Atrium)

This interactive piece looks at creative ways for researchers and institutions to engage with people in their communities, and how these dialogues can inform outreach initiatives and activities.

1:00 – 5:00 pm ■ Zoos and Aquariums Moving Forward: History, Politics and

Science *(Executive Learning Centre, 3rd floor, Fraser Building)*

The Centre for Evolutionary Ecology and Ethical Conversation (CEECEC) symposium will highlight the historical reality of zoos, the political climate in which zoos find themselves, and the research being done in collaboration with zoos and aquariums to further conservation goals. CEECEC director Dr. Albrecht Schulte-Hostede will give a short introduction and talk about the ReNewZoo CREATE grant program, followed by presentations by invited speakers:

- Dr. Daniel Vandersommers (McMaster University): The Historical Ironies of Zoo Conservation, or A Story About Capturing Bighorns in 1900.
- Dr. Trevor Pitcher (University of Windsor): Restoring Biodiversity in the Anthropocene: Developing the Science of Reintroduction Biology.
- Dr. Andrea Olive (University of Toronto): Wild Species and Tame Policy: Why Conservation Needs Zoos.
- Alannah Biega (Simon Fraser University): The plight of amphibians: are zoos selecting the "right" species for the Ark?

Thursday, March 22nd

9:00 am – 2:30 pm ■ Our Research, Our Community, Our Indigenous Sovereignty (*Indigenous Sharing and Learning Centre*)

This event organized by the Maamwizing Indigenous Research Institute will highlight the role Indigenous research plays in building and supporting Indigenous sovereignty:

- 9:00 am – noon: Workshop by Dr. Dylan Miner, Director of American Indian and Indigenous Studies at the University of Michigan on the intersection of Indigenous art, research and Indigenous sovereignty.
- 1:00 – 2:30 pm: Panel – Our Research, Our Community, Our Indigenous Sovereignty. The following panelists will join Dr. Miner:
 - Dr. Jennifer Walker, Canada Research Chair in Indigenous Health, Laurentian University
 - Dr. David Fortin, Director of McEwen School of Architecture, Laurentian University
 - Dr. Laura Hall, Assistant Professor, School of Indigenous Relations, Laurentian University
 - Ms. Justice Seidel, MIR Graduate Student, School of Indigenous Relations

10:00 am – 1:00 pm ■ Voyageurs' Innovation Challenge (*Executive Learning Centre, 3rd floor, Fraser 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. The competition is "sector agnostic" (i.e. submissions are not limited to business or technology). Proposals that relate to social innovation, arts, research, and health are also encouraged.

12:00 – 1:00 pm ■ Working with Community Partners to Identify Stigma and Enhance Supports for Those with Mental Illness (*Governors' Lounge, 11th floor, R.D. Parker Building*)

Laurentian University faculty, Dr. Rosanna Langer, Law & Justice, Moira Ferguson, Sociology/Labour Studies, and Lissa Gagnon, Nursing, will discuss collaborating with community partners Northern Initiatives for Social Action (NISA) and the Sudbury Community Foundation (SCF) on their recent study on stigma, discrimination and resilience in accessing fundamental community supports among those experiencing mental illness.

1:30 – 2:30 pm ■ Dr. David Julius: 2017 Canada Gairdner International Laureate Presentation (*Executive Learning Centre, 3rd floor, Fraser Building*)

Dr. David Julius, Professor and Chair of the Department of Physiology, University of California, is the 2017 Canada Gairdner International Laureate. In his research, Dr. Julius has used distinctive molecules from the natural world – including toxins from tarantulas and coral snakes, and capsaicin, the molecule that produces the "heat" from chili peppers – to understand how signals responsible for temperature and pain sensation are transmitted by neural circuits to the brain. All faculty and students are encouraged to attend.

2:00 – 5:30 pm ■ Networking Event (*Alumni Hall*)

The Laurentian community is invited to Research Week's Networking Event, where our sponsors, partners, and funders will be available to answer questions about their products, services, and funding programs. This event will take place concurrently with our Awards Gala and Celebration.

3:00 – 5:30 pm ■ Awards Gala and Celebration (*Alumni Hall*)

Please join us for the Research Week Awards Gala and Celebration 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, SciArt, Voyageurs' Innovation Challenge, Innovation Award, The Research Excellence Award, and the Top 10 Research Achievements of 2017. Announcements of our research initiatives and internal research funding programs will also be made. A social event will immediately follow.

Friday, March 23rd

8:00 – 10:00 am ■ Breakfast of Excellence: Dr. Harold Gibson Presentation
(*Indigenous Sharing and Learning Centre*)

2017's Laurentian Research Excellence Award winner, and lead researcher for the Metal Earth project, Dr. Harold Gibson will present an overview and highlights of his research over breakfast.

1:00 – 2:00 pm ■ Student Symposium - Lose the Tube: Early Discontinuation of Urinary Catheters in Medical Inpatients (*Indigenous Sharing and Learning Centre*)

Third year NOSM students Jeff McLellan, Nadia Omri and Pascale King, will present their research proposal for the implementation of the *Choosing Wisely Canada* 'Lose the Tube' toolkit at the Timmins and District Hospital.

