

Research & Innovation

WEEK MARCH 5 - MARCH 10, 2016

Lakehead University

SHOWCASE



Lakehead
UNIVERSITY

THUNDER BAY CAMPUS

Saturday, March 5

- » R&I Week @ Intercity Shopping Centre (research exhibitions/ displays)

Sunday, March 6

- » *The Future of the Book*: A Round-table Discussion

Monday, March 7

- » Opening Ceremonies with Special Guest Dr. Ted Hewitt, President, Social Sciences and Humanities Research Council
- » *Time to 'Think Different' About Innovation*: Special Luncheon with Keynote Speaker Dr. Ted Hewitt, President, Social Sciences and Humanities Research Council
- » Graduate Student Research Conference: Day 1 (Poster Presentations)
- » Social Justice Research Day
 - *Reconciliation as Pathway for Meaningful Relationships with Indigenous Peoples*
 - *Understanding Refugees in Crisis: Community & Citizenship*

Tuesday, March 8

- » *Turning the Tide of Offshoring Canadian Businesses*: EDI Breakfast with Special Speaker Kevin Ford, Founder and CEO of Parliant Corporation
- » Graduate Student Research Conference: Day 2 (Oral Presentations)
- » *Northern IGNITE* Luncheon Event
- » *Who Should be Driving the Palliative Care Bus? Putting the Community in the Driver's Seat!* Lakehead University Distinguished Researcher talk by Dr. Mary Lou Kelley
- » *Embryology, Reproductive Behaviour, Parental Care, and Growth in Early Jurassic Dinosaurs from China and South Africa*, Faculty of Science and Environmental Studies Speaker Dr. Robert R. Reisz, Vice Dean, Graduate, Distinguished Professor of Paleontology, Department of Biology, University of Toronto Mississauga

Wednesday, March 9

- » Undergraduate Student Research Conference
- » Research Salon

Thursday, March 10

- » Faculty Research Day
- » Postdoctoral Fellows Poster Competition
- » *Research that Rocks: 15 Years of International Collaboration, Enhancing Exploration and Resource Development*: Lakehead University Distinguished Researcher talk by Dr. Peter Hollings, Department of Geology
- » *Stem Cells and Disease Modeling*, Gairdner Foundation Lecture: Dr. Janet Rossant, Hospital for Sick Children and the University of Toronto
- » Research and Innovation Week Awards Reception

ORILLIA CAMPUS

Monday, March 7

- » Environmental Sustainability Research Panel

Tuesday, March 8

- » Environmental Sustainability Graduate Research Presentations

Wednesday, March 9

- » Undergraduate Research Poster Displays
- » Honours Research Presentations

As in previous years, the first event of R&I Week was the research and innovation display at Intercity Shopping Centre. The interactive displays gave the Thunder Bay public the chance to see some of the cutting-edge research taking place at Lakehead University.

INTERCITY SHOPPING CENTRE



The President & Vice-Chancellor of Lakehead University, Dr. Brian J. R. Stevenson participated in the NeuRIG display.



Dr. Ulf Runesson, Dean, Faculty of Natural Resources Management, informed the public about the management of our natural resources through a comprehensive display that included drones.



There was something for everyone to learn at the Superior Science table.



The Neuroscience Research Interest Group (NeuRIG) display presented a broad range of neuroscience topics that covered brain and eye anatomy and functions, EMG, EEG, fMRI, hormonal assays, circadian rhythm, and attention.



Dr. Mathew Leitch of the Faculty of Natural Resources Management taught the public about value-added wood products.



Learning about our region's past at the Department of Anthropology's display.



The Economic Development and Innovation office's Entrepreneur Café was a great success as it brought ideas and people together.



Lakehead Visual Arts students created and displayed their art work for the public.

Opening Ceremonies for R&I Week were celebrated with special guest Dr. Ted Hewitt, President, Social Sciences and Humanities Research Council

OPENING CEREMONIES



Our special guest, Dr. Ted Hewitt, President of SSHRC addressed the audience in Lakehead's Agora.



Dr. Andrew P. Dean, Vice-President Research and Innovation welcomes the audience and officially opens Research and Innovation Week 2016 on campus.



From left to right: Thunder Bay City Councillor, Mr. Frank Pullia (representing the Mayor of the City of Thunder Bay), Dr. Andrew P. Dean, Vice-President, Research and Innovation, Dr. Batia Stolar, Interim, Associate Vice-President, Research and Innovation, and Dr. Ted Hewitt, President of SSHRC.

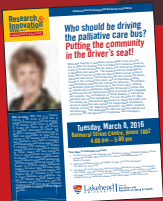


At our opening day luncheon, Dr. Hewitt explained to those in attendance in the Faculty Lounge why it was *Time to 'Think Different' about Innovation.*

GUEST SPEAKERS



Special speaker Kevin Ford, Founder and CEO of Parliant Corporation spoke at a breakfast event about *Turning the Tide of Offshoring Canadian Businesses*.



Lakehead University Distinguished Researcher talk by Dr. Mary Lou Kelley: At her presentation, Dr. Kelley asked the fundamental question, *Who Should be Driving the Palliative Care Bus? Putting the Community in the Drivers Seat!* This presentation offered her lessons learned and advice for the next generation of palliative care champions.



Faculty of Science and Environmental Studies (SES) Speaker: Dr. Robert R. Reisz, Vice Dean, Graduate, Distinguished Professor of Paleontology, Department of Biology, University of Toronto Mississauga was introduced by Dr. Todd Randall, Acting Dean, Faculty of SES.



In his talk titled, *Embryology, Reproductive Behaviour, Parental Care, and Growth in Early Jurassic Dinosaurs from China and South Africa*, Dr. Reisz discussed his research on two sauropodomorph dinosaurs *Lufengosaurus* and *Massospondylus*.



Lakehead University Distinguished Researcher Dr. Peter Hollings, Department of Geology, talked to the audience about *Research that Rocks: 15 Years of International Collaborations, Enhancing Exploration and Resource Development*.

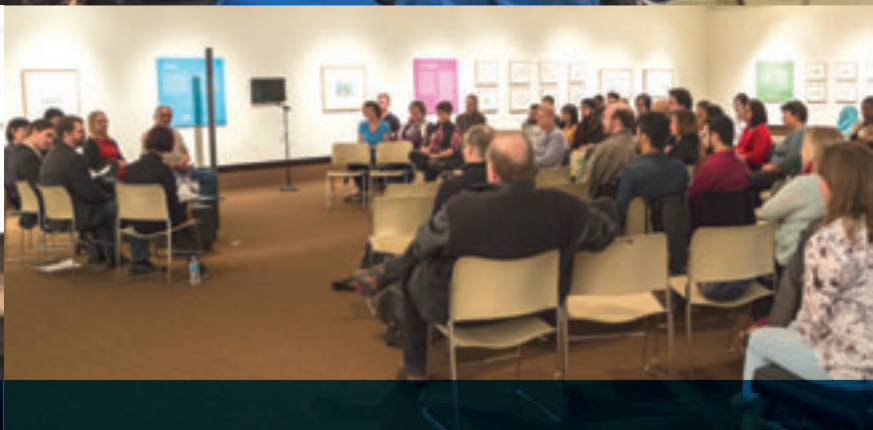


Stem Cells and Disease Modeling, Gairdner Foundation Lecture: Dr. Janet Rossant, Hospital for Sick Children and the University of Toronto.

SOCIAL JUSTICE RESEARCH DAY



Reconciliation as Pathway for Meaningful Relationships
with Indigenous Peoples
Understanding Refugees in Crisis: Community & Citizenship

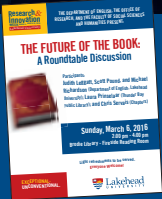


Lakehead University and the Thunder Bay Art Gallery were pleased to present two round-table discussions as part of a special event devoted to the discussion of contemporary issues in research related to social justice.



* Image credit: Chris Stones, "Chop Canadian," 2009
Metal, wood, leather; 117 x 31 x 5 cm
Thunder Bay Art Gallery Collection.
Purchased with the support of
the Canada Council for the Arts
Acquisition Assistance Program and
an anonymous donor.

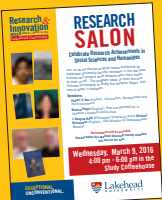
OTHER SPECIAL EVENTS



The Future of the Book: This round-table held at the Brodie Street Library featured members of Lakehead's English department, Laura Prinselaar (Thunder Bay Public Library) Chris Servais (Chapters) and two former students, in a discussion of the future of the book.



Northern IGNITE was a visual-only dialogue series in which faculty members used short visual presentations to share with the audience why they were passionate about their research.

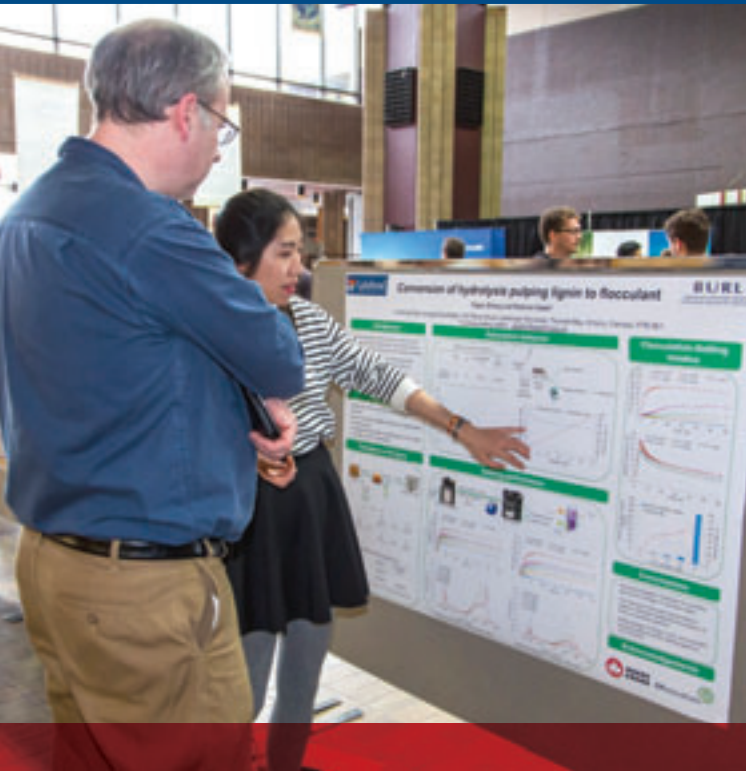


As part of the Research Salon, members of the Faculty of Social Sciences and Humanities read extracts from recent publications and hosted a discussion.

Faculty Research Day



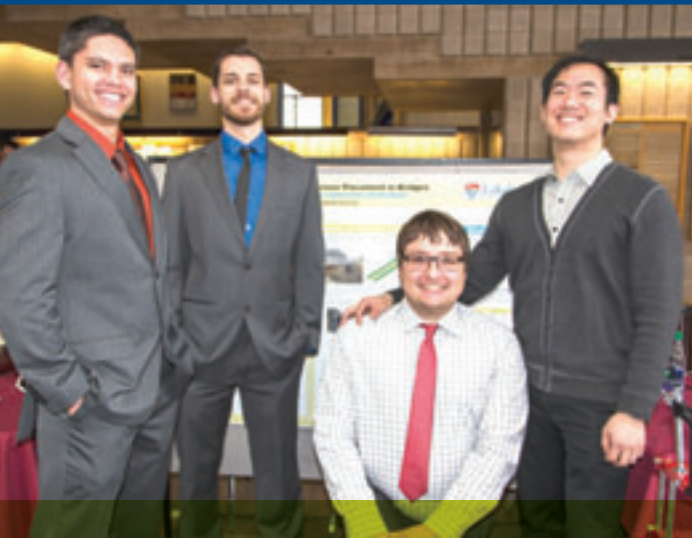
This year, Faculty Research Day offered the University community the opportunity to view some examples of the innovative research being undertaken by our faculty members and their research teams of highly qualified personnel. Disciplines in the natural sciences, engineering, health and social sciences and humanities were represented.



UNDERGRADUATE RESEARCH CONFERENCE THUNDER BAY CAMPUS

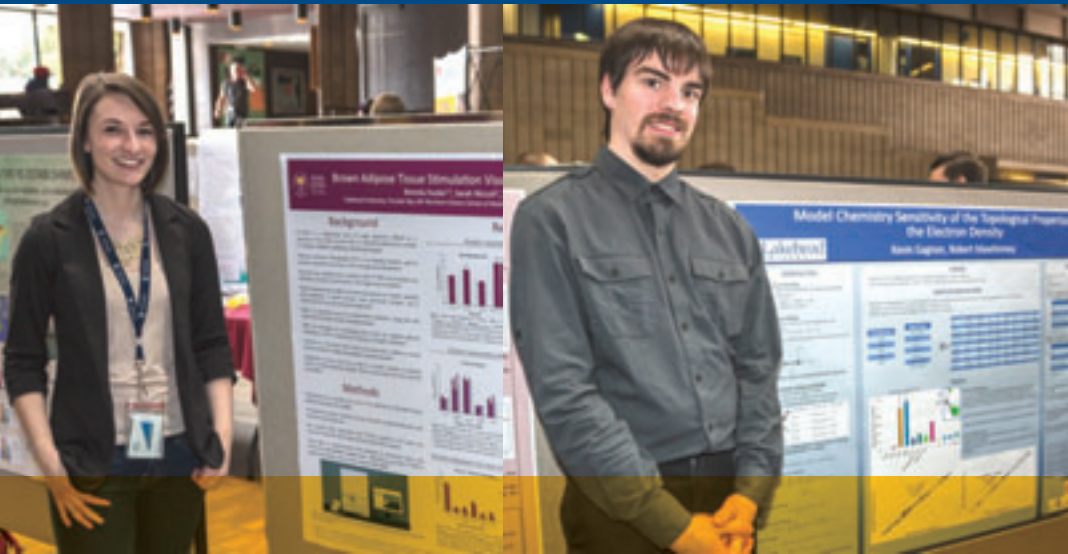


In order to highlight the large amount of quality research performed by undergraduate students, the annual Undergraduate Research Conference is held each March during Research and Innovation Week. This year's event involved both poster displays and oral presentations in the Lakehead University Agora. The Oral and Poster Presentations winners from each Faculty were invited to a special lunch with Lakehead University's President, Dr. Brian J. R. Stevenson.



Attendees at the special luncheon with the President.

GRADUATE / PDF RESEARCH CONFERENCES



Students from all graduate programs at Lakehead University were invited to present their research activities in either oral or poster presentation formats.



Postdoctoral Fellows Poster Competition

Postdoctoral fellows currently engaged in research at Lakehead University were invited to participate in the Annual Research and Innovation Week Poster Competition for Postdoctoral Fellows. A Panel of reviewers judged and adjudicated all eligible posters for first, second and third places.



AWARDS OF EXCELLENCE

RESEARCH AND INNOVATION WEEK 2016 AWARDS

High Output and Publication Excellence Award (HOPE)

Bal Ram Adhikari, PhD Biotechnology Program
 Anastasiia Mishchenko, PhD Chemistry and Materials
 Melissa Oskineegish, PhD Educational Studies

Postdoctoral Fellows Poster Awards

Category: Impact on Health

First Place: Dr. Brenda Magajna, Department of Biology, supervisor: Dr. Ingeborg Zehbe
 Second Place: Dr. Francis Hane, Department of Chemistry, supervisor: Dr. Mitchell Albert
 Third Place: Dr. Zhonggang Liu, Department of Chemistry, supervisor: Dr. Aicheng Chen

Category: Impact on Resource Sustainability/The Environment

First Place: Dr. Sapanbir Thind, Department of Chemistry, supervisor: Dr. Aicheng Chen
 Second Place: Dr. Yiqian Zhang, Department of Chemical Engineering, supervisor: Dr. Pedram Fatehi
 Third Place: Dr. Weijue Gao, Department of Chemical Engineering, supervisor: Dr. Pedram Fatehi

Building Research Capacity Award 2015

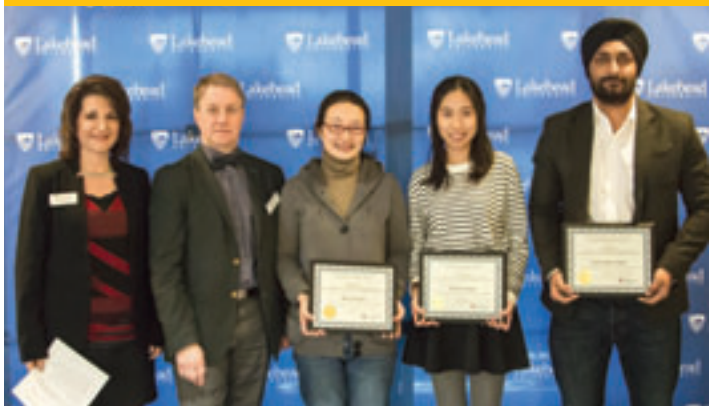
Dr. Scott Pound, Department of English

Lakehead University 2015 Innovation Awards

Student Innovation Award: Ms. Xin Chang, Chemistry
Faculty Innovation Award: Vineet Johnson, Kinesiology



Dr. Chander Shahi (left), Dean, Faculty of Graduate Studies with recipients of HOPE Award: Bal Ram Adhikari, PhD Biotechnology Program, Anastasiia Mishchenko, PhD Chemistry and Materials (accepted on Dr. Mishchenko's behalf by Oleksandr Bubon), Melissa Oskineegish, PhD Educational Studies



Postdoctoral Fellows Poster Awards - Category: Impact on Resource Sustainability/The Environment: left to right: Anne Klymenko, Director, Research Services, Dr. Andrew P. Dean, Vice-President, Research and Innovation. Award winners: Third place: Dr. Weijue Gao, Department of Chemical Engineering, Second Place: Dr. Yiqian Zhang, Department of Chemical Engineering, First Place: Dr. Sapanbir Thind, Department of Chemistry

Postdoctoral Fellows Poster Awards - Category: Impact on Health: Dr. Andrew P. Dean, Vice-President Research and Innovation with: Third Place: Dr. Zhonggang Liu, Department of Chemistry, Second Place: Dr. Francis Hane, Department of Chemistry, First Place: Dr. Brenda Magajna, Department of Biology.





Ellen Maceyovski, Acting Manager, Technology Transfer and Dr. Andrew P. Dean, Vice-President Research and Innovation with Student Innovation Award winner: Xin Chang, Chemistry, Building Research Capacity Award winner: Dr. Scott Pound, Department of English, and Faculty Innovation Award winner: Vineet Johnson, Kinesiology.



Announcement of Lakehead's new Canada Research Chairs: left to right: Dr. Matthew Tocheri, Department of Anthropology (accepted by Carney Matheson), David Tamblyn, Vice-Chair, Lakehead Board of Governors, Dr. Andrew P. Dean, Vice-President Research and Innovation, Dr. Michael Rennie, Department of Biology, Dr. Chris Mushquash, Department of Psychology, Dr. Pedram Fatehi, Department of Chemical Engineering, and Anne Klymenko, Director, Research Services.



Dr. Andrew P. Dean, Vice-President Research and Innovation and Dr. Connie Russell, Vice-Chair of the Lakehead University Senate Research Committee with Contribution to Research Award winners Dr. Monica Flegel, Department of English and Dr. Wayne Melville, Faculty of Education.

Canada Research Chair Awards

Dr. Pedram Fatehi, Chair in Green Chemicals and Processes, Chemical Engineering

Dr. Chris Mushquash, Chair in Indigenous Mental Health and Addiction, Department of Psychology

Dr. Michael Rennie, Chair in Freshwater Ecology and Fisheries, Department of Biology

Dr. Matthew Tocheri, Chair in Human Origins, Department of Anthropology

Senate Research Committee - Contributions to Research Awards

Dr. Monica Flegel, Department of English

Dr. Wayne Melville, Faculty of Education

NSERC Distinguished Researcher Award 2015

Dr. Baoqiang Liao, Department of Chemical Engineering

SSHRC Distinguished Researcher Award 2015

Dr. Alexander Serenko, Faculty of Business Administration



Dr. Baoqiang Liao, Department of Chemical Engineering, NSERC Distinguished Researcher for 2015 with David Tamblyn, Vice-Chair, Board of Governors, and Dr. Connie Russell, Vice-Chair of the Senate Research Committee.



SSHRC Distinguished Researcher for 2015, Dr. Alexander Serenko, Faculty of Business Administration, spoke to the audience.

In 2016 at our Orillia campus, R&I Week involved such events as the Environmental Sustainability Research Panel, Environmental Sustainability Graduate Research Presentations, Undergraduate Research Poster Displays, and Honours Thesis Research Presentations.





A SPECIAL THANKS TO OUR MEDIA PARTNERS

SPONSORS

- » Magic 99.9 and Country 105.3, Thunder Bay
- » The Orillia Packet and Times
- » The Thunder Bay Chronicle-Journal
- » CBC Thunder Bay 88.3 FM
- » NetNewsLedger
- » Orillia Today
- » Thunder Bay Television
- » The Thunder Bay Source
- » Rock 94/Thunder 103/91.5 CKPR
- » The Argus
- » Lake Simcoe Living Magazine

GOLD



SILVER



BRONZE

