

10th Anniversary

Research & Innovation

WEEK MARCH 7 - MARCH 13, 2015

Lakehead University



Lakehead
UNIVERSITY

50

1965-2015

PROGRAM OF EVENTS

THUNDER BAY CAMPUS

Friday, March 6

- » Media Launch/Intercity Shopping Centre R&I Week Preview

Saturday, March 7

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

Monday, March 9

- » Faculty of Social Sciences and Humanities Breakfast with Dr. Antonia Maioni, President, Federation for the Humanities and Social Sciences
- » Opening ceremonies
- » Graduate Student Conference 2015 - Day 1
- » "Taking it to the Streets: The Public Value of Humanities and Social Sciences Research" - Luncheon with special speaker Dr. Antonia Maioni, President, Federation for the Humanities and Social Sciences
- » "The Global Warming Hiatus: What's Up With That?" Science and Environmental Studies Speaker Series: Dr. John Fyfe, Canadian Centre for Climate Modelling and Analysis, Environment Canada

Tuesday, March 10

- » "Learning in Thin Air": Lakehead University's EDI Office Presents Scott Kress, President of Summit Team Building
- » "Cellulose: a Material with a Promising Future:" Dr. Theo van de Ven, Department of Chemistry, McGill University
- » "Indigenous Knowledge in the Curriculum:" Dr. Cynthia Wesley-Esquimaux, Vice-Provost, Aboriginal Initiatives
- » Graduate Student Conference 2015 - Day 2 (poster session and best-of-the-best)
- » Annual Postdoctoral Fellow Poster Competition
- » "Working with Industry:" Lunch Panel Workshop
- » Lakehead University Chamber Choir Event
- » "Mitacs: Connecting universities with industry and community partners:" presentation by Christine Macdonald, Director, Business Development, Mitacs
- » Youth Research and Exchange Evaluation Kick Off

Wednesday, March 11

- » Undergraduate Research Conference
- » Aboriginal Mentorship Program Presentation
- » "Update on Social Sciences and Humanities Research Council Programs and Priorities:" Dr. Brent Herbert-Copley, Vice-President, Research Programs
- » "Diversity and Functions of Forest Ecosystems Under Global Changes:" Dr. Han Chen, Distinguished Researcher Award presentation
- » "Listening, Learning and Walking Together: Indigenous Communities Leading Research in Women's Reproductive

Health:" Dr. Naana Afua Jumah, Faculty of Medicine, West Campus

- » "Politics and Food Policy: Elections and Rebuilding our Food System:" Presentation by Diana Bronson, Executive Director, Food Secure Canada

Thursday, March 12

- » "Food Forum: Politics, Universities and the Food Movement" - A Free Public Event
- » Dr. James Hogg, Professor Emeritus, Pathology and Laboratory Medicine, University of British Columbia: Gairdner Foundation Lectures
- » Faculty Poster Displays
- » Research and Innovation Week Awards Reception (Thunder Bay Campus)
- » "Unravelling the Secrets of 'Otzi the Iceman,'" Dr. Carney Matheson, Department of Anthropology

Friday, March 13

- » Presentation on Ontario Ministry of Research and Innovation Funding Programs: Alison Hughes, Senior Policy Advisor, Research Branch, Ministry of Research and Innovation

ORILLIA CAMPUS

Monday, March 9

- » Faculty of Social Sciences and Humanities Breakfast with Dr. Antonia Maioni, President, Federation for the Humanities and Social Sciences
- » Research Panel 1
- » Documentary Film Screening - "Pulp Friction: People, Places, and the Global Economy," Dr. Ron Harpelle, Department of History

Tuesday, March 10

- » Research Panel 2
- » "Mitacs: Connecting universities with industry and community partners:" presentation by Christine Macdonald, Director, Business Development, Mitacs

Wednesday, March 11

- » Undergraduate Research Poster Displays
- » INTD 4901 Research Presentations
- » "Update on Social Sciences and Humanities Research Council Programs and Priorities:" Dr. Brent Herbert-Copley, Vice-President, Research Programs

Friday, March 13

- » "Presentation on Ontario Ministry of Research and Innovation Funding Programs:" Alison Hughes, Senior Policy Advisor, Research Branch, Ministry of Research and Innovation



OFFICIAL LAUNCH

Research and Innovation Week was launched on March 6, 2015 in Lakehead University's Agora. This year's event was extra special as it marked the 10th anniversary of R&I Week.

Dr. Andrew P. Dean, Interim Vice-President (Research, Economic Development and Innovation), invited the University community and the public to take part in the coming week's activities.



Dr. Michael Wesner, Department of Psychology, talked about some of the equipment-based demonstrations provided by the Centre for Biological Timing & Cognition (CBTC) Labs that would be showcased at the R&I Intercity Shopping Centre event.



Dr. Wesner with PhD Clinical graduate student Dana Dupuis who helped organize the CBTC displays for the R&I Week Intercity Shopping Centre event.

INTERCITY SHOPPING CENTRE



There was much for the public to discover about research and innovation that day.



Using drone technology to manage our forest resources.



The public joined Lakehead at Intercity Shopping Centre to help celebrate some of the most intriguing and successful research and innovation initiatives taking place in our City. The public was invited to ask research-related questions. They unfolded the mysteries of their ancestry with DNA testing, talked to researchers about anthropological artifacts, learned about natural resources management, viewed original artwork, and much more!

DISCOVER ANYTHING NEW LATELY? WE HAVE!





Learning about the science of anthropology.



Interactive activities taught children about the value of research and innovation.



Lakehead visual arts student created works of art for the citizens of Thunder Bay to view.



DISPLAYS



Thunder Bay citizens had a chance to ask their research-related questions at the Research Matters Curiosity Shop.



R&I Week: Discovering more about the world around you.

OPENING CEREMONIES



All of Lakehead University's Canada Research Chairs were in attendance at the event (from left to right: Drs. Pedram Fatehi, Chair in Green Chemicals and Processes, Sudip Rakshit, Chair in Bioenergy and Biorefining Processes, Andrew P. Dean, Interim VP (REDI), Matthew Tocheri, Chair in Human Origins, Michelle Boutin, Executive Director, Canada Research Chairs Secretariat, Brian Stevenson, President, Lakehead University, David Greenwood, Chair in Environmental Education, Pauline Sameshima, Chair in Arts Integrated Studies, Christopher Mushquash, Chair in Indigenous Mental Health and Addiction, Alla Reznik, Chair in the Physics of Molecular Imaging, and Aicheng Chen, Chair in Materials, and Environmental Chemistry.



Dr. Michelle Boutin, Executive Director, Canada Research Chairs Secretariat, presented Dr. Brian Stevenson, President of Lakehead University, with an award recognizing Lakehead as having exemplary equity practices in recruiting Canada Research Chairs.



Dr. Antonia Maioni, Department of Political Science, McGill University and President, Canadian Federation for the Humanities and Social Sciences, addressed the audience.

The March 9 official opening of Research and Innovation Week 2015 featured special guests and announcements.



GUEST SPEAKERS

Research & Innovation Week 2015

Taking It to the Streets: The Public Value of Humanities and Social Sciences Research

Monday, March 9, 2015
Faculty Lounge
12:00 noon - 1:30 pm

Lakehead 50

Dr. Antonia Maioni, President, Federation for the Humanities and Social Sciences spoke about “Taking it to the Streets: The Public Value of Humanities and Social Sciences Research.”



At the 10th annual Research and Innovation Week speakers from all across Canada gathered to speak about scientific and cultural issues.



Research & Innovation Week 2015

The Global Warming Hiatus: What's Up With That?

Monday, March 9, 2015
7:30 pm to 8:30 pm

Lakehead 50

“The Global Warming Hiatus: What’s Up With That?” was the question that Dr. John Fyfe, Canadian Centre for Climate Modelling and Analysis, Environment Canada, Science and Environmental Studies Speaker, asked his audience.



Leadership, team building and funding opportunities



By drawing on his personal insights, Scott Kress, President, Summit Team Building, taught his listeners about effective leadership and team building.

“Mitacs: Connecting universities with industry and community partners:” presentation by Christine Macdonald, Director, Business Development, Mitacs



As part of R&I Week, Dr. Ron Harpelle, Department of History, was at Lakehead's Orillia campus for a showing of his latest documentary film “Pulp Friction: People, Places, and the Global Economy”.

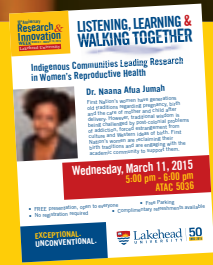


“Update on Social Sciences and Humanities Research Council Programs and Priorities:” Dr. Brent Herbert-Copley, Vice-President, Research Programs, SSHRC



Dr. Han Chen, Professor, Faculty of Natural Resources Management and Distinguished Researcher Award spoke on the “Diversity and Functions of Forest Ecosystems Under Global Changes.”

From natural resources management, and Aboriginal women’s health, to food security



Dr. Naana Afua Jumah, Assistant Professor, Northern Ontario School of Medicine with Yolanda Wanakamik, Coordinator, Graduate & External Relations, Office of Aboriginal Initiatives. Dr. Jumah’s topic was: “Listening, Learning and Walking Together: Indigenous Communities Leading Research in Women’s Reproductive Health.”



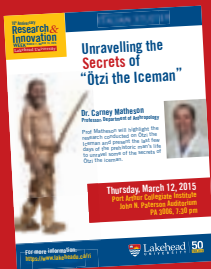
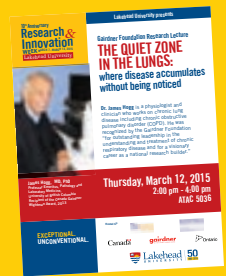
Diana Bronson, Executive Director, Food Secure Canada shared her thoughts on “Politics and Food Policy: Elections and Rebuilding our Food System.”



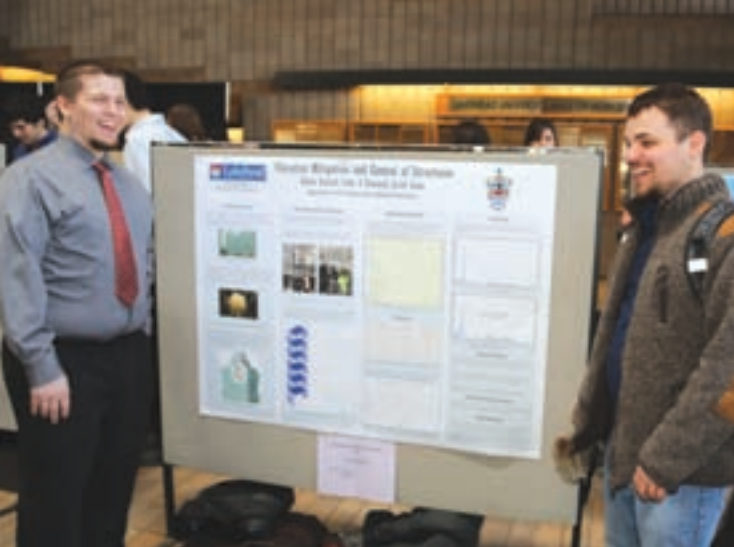


The Quiet Zone and Otzi the Iceman

Dr. James Hogg, Professor Emeritus, Pathology and Laboratory Medicine, University of British Columbia, continued the tradition of the Gairdner Foundation Lectures at Lakehead University. This year's topic: The quiet zone in the lungs: where disease accumulates without being noticed."



Dr. Carney Matheson, Professor, Department of Anthropology, Lakehead University, helped his audience to unlock some of the mysteries of "Otzi the Iceman."

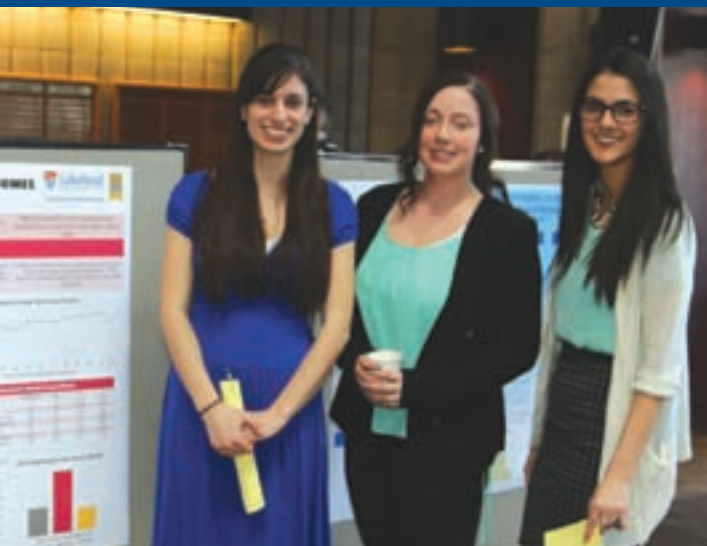


UNDERGRADUATE RESEARCH CONFERENCE THUNDER BAY CAMPUS



The highlight of the undergraduate student research conference was a special luncheon at the Thunder Bay campus for the winners with Dr. Brian Stevenson.

**Undergraduate
research matters too!**



In order to highlight the large amount of quality research performed by undergraduate students, the first annual Undergraduate Research Conference was held in March during Research and Innovation Week. The event involved poster displays and oral presentations in the Lakehead University Agora.

UNDERGRADUATE RESEARCH POSTER DISPLAYS ORILLIA CAMPUS

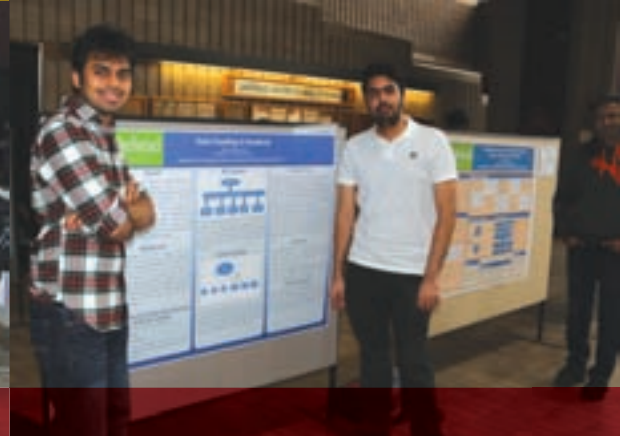


Research and Innovation Week was also a great success at our Orillia campus. Undergraduate student poster displays and presentations were two of the highlights of the week.





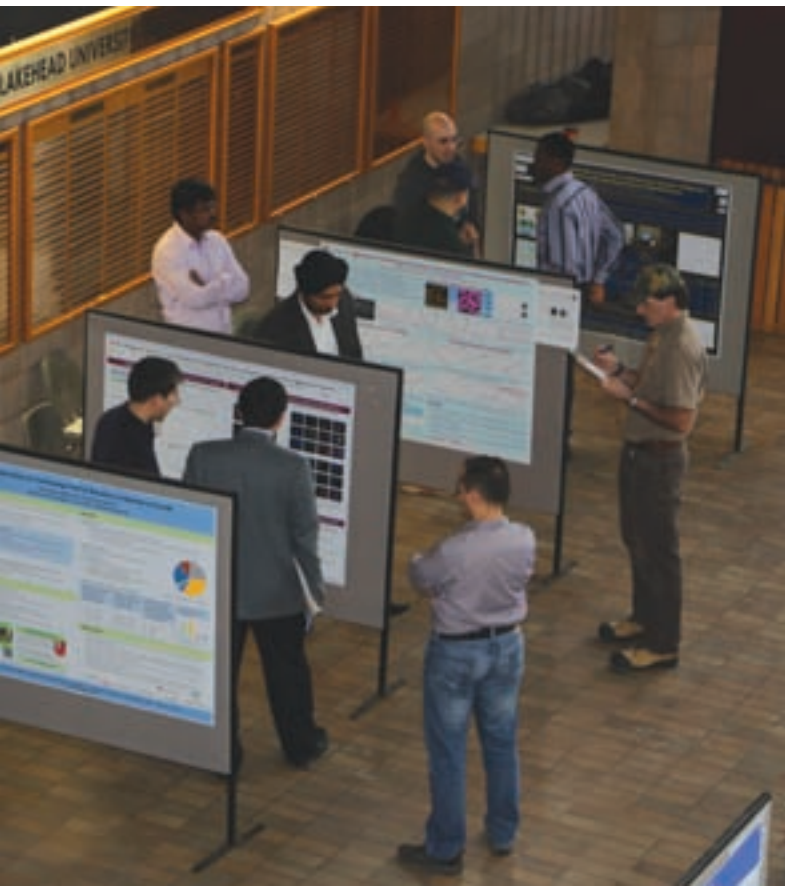
GRADUATE/POSTDOCTORAL FELLOWS RESEARCH CONFERENCES



Graduate Student Conference

Students from all graduate programs at Lakehead were invited to present their research in either oral or poster presentation format. Winners of program-specific

oral presentations and program-specific poster presentations advanced to Best-of-the-Best Poster and Best-of-the-Best Oral Presentations.



Postdoctoral Fellows Poster Competition

This was an opportunity to learn about some of the fascinating research being undertaken by our postdoctoral fellows at Lakehead University.

SPECIAL EVENTS



Lakehead University's Economic Development and Innovation office and NSERC invited Lakehead faculty members to a lunch panel event discussing how to work with industry. This workshop explored university/industry research collaborations from a university perspective as well as an industry perspective.



Our expert panel included from left to right: Clark Johnson, Energy Manager, Canada Malting Co. Limited, Ron Dokis, Process Engineer, Resolute Forest Products, Dr. Mathew Leitch, Faculty of Natural Resources Management, Lakehead, Dr. Pedram Fatehi, CRC in Green Chemicals and Processes, Department of Chemical Engineering, Lakehead University, Dr. Theo van de Ven, Department of Chemistry, McGill University.



The Food Forum highlighted some of the excellent research and related work on food issues in the Thunder Bay region and Northwestern Ontario. The day included presentations from Lakehead University students and professors as well as community members doing



important work in the area of food security and sustainable food systems. The event also included a talk and panel discussion featuring Diana Bronson, Executive Director of Food Secure Canada/ Réseau pour une alimentation durable.

During R&I Week 2015, and as part of the University's 50th anniversary celebrations, Lakehead announced the recipients of the 50+ Research Stories. These stories showcased research achievements over the past 50 years at Lakehead.





Grazia Viola, Chair of the Senate Research Committee, and Dr. Brian Stevenson, President, Lakehead University, presented Dr. Peter Hollings, Department of Geology, with the NSERC Distinguished Researcher for 2014.



Grazia Viola, Chair of the Senate Research Committee, and Dr. Brian Stevenson, President, Lakehead University, presented Dr. Daniel Hannah, Department of English, with the 2014 Contributions to Research Award.



Dr. Christine Gottardo, Interim Dean, Faculty of Graduate Studies, with Graduate Student Conference Best of the Best Awards winners Patrick Gauthier, Oral Presentation, and Sultanah Albalawi, Poster Presentation.



Dr. Christine Gottardo, Interim Dean, Faculty of Graduate Studies, with High Output and Publication Excellence Award winners, Xin Chang, PhD Chemistry and Materials Science, and Mary Jane Moses, MSc candidate, Biology.

AWARDS OF EXCELLENCE

Research and Innovation Week 2015 Awards

High Output and Publication Excellence Award

Xin Chang, PhD Chemistry and Materials Science
 Mary Jane Moses, MSc candidate, Biology
 Alexander Penney, 2014 Graduate, PhD Psychological Science

Best-of-the-Best Awards: Graduate Student Conference

Oral Presentation, Best-of-the-Best Patrick Gauthier
 Poster Presentation, Best-of-the-Best Sultanah Albalawi

Postdoctoral Fellows Poster Awards

NSERC/CIHR Category

First Place: Sapanbir Singh Thind
 Second Place: Aram Teymurazyan
 Third Place: Maduraiveeran Govindhan

SSHRC/CIHR Category

First Place: Kelly Skinner

Building Research Capacity Award 2014

Dr. Aicheng Chen, Department of Chemistry.

Lakehead University 2014 Innovation Award

Dr. Wilson Wang, Department of Mechanical Engineering

Ministry of Research and Innovation - Early Researcher Award

Dr. Pedram Fatehi, Department of Chemical Engineering and CRC in Green Chemicals and Processes

Senate Research Committee - Contributions to Research Award

Dr. Daniel Hannah, Department of English

NSERC Distinguished Researcher Award 2014

Dr. Peter Hollings, Department of Geology, NSERC

SSHRC Distinguished Researcher Award 2014

Dr. Mary Lou Kelly, School of Social Work,



Grazia Viola, Chair of the Senate Research Committee, and Dr. Brian Stevenson, President, Lakehead University, presented Dr. Mary Lou Kelly, School of Social Work, with the SSHRC Distinguished Researcher for 2014.



Bruce Holm, Manager, Industry Liaison, EDI Office and Dr. Brian Stevenson, President, Lakehead University presented Dr. Wilson Wang, Department of Mechanical Engineering with the Lakehead University 2014 Innovation Award.



Anne Klymenko, Director, Research Services, with Postdoctoral Fellows Poster Award winners: left to right: Dr. Aram Teymurazyan, Anne Klymenko, Dr. Sapanbir Singh Thind, Dr. Kelly Skinner, and Dr. Maduraiveeran Govindhan.



Anne Klymenko, Director, Research Services, and Dr. Brian Stevenson, President, Lakehead University, presented Dr. Aicheng Chen, Department of Chemistry with the Building Research Capacity Award for 2014.



A SPECIAL THANKS TO OUR MEDIA PARTNERS:

- » 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
- » Shaw TV Thunder Bay
- » Thunder Bay Television
- » The Thunder Bay Source
- » Rock 94/Thunder 103/91.5 CKPR
- » The Argus
- » Lake Simcoe Living Magazine

SPONSORS

GOLD

The Chronicle-Journal



Agilent Technologies



SILVER



BIO-RAD

CEDARLANE

BRONZE

