

We Are All Treaty People

"Many Treaties took place a long time ago. I didn't sign the Treaty, so why should I be responsible for things like residential schools, or paying for the 'handouts' given to Indigenous peoples?"

For thousands of years before the arrival of Europeans, First Nations peoples were living on the land in the country now called Canada. These people lived in communities throughout Canada, and each possessed their own unique culture, customs, tradition, and languages.

Early relationships between First Nations and colonial governments resulted in the establishment of treaties based on peace, friendship, military alliance, mutual respect and co-operation. Unfortunately, these relationships have seriously deteriorated over the years due to the laws and policies that subjugated First Nations people, resulting in dominance over one party.

When Treaties were established, it was a means of coexistence through which two nations could live in harmony and mutual respect while sharing the land that was occupied by First Nations peoples. It is important to honour Treaties as they provide an avenue for ongoing peace, partnership and respect between two nations, while recognizing the rights and responsibilities of each.

- Treaty 3 (1873)
- Treaty 5 (1875)
- Adhesion to Treaty 9 (1923/30)
- Treaty 9 (1905/06)
- Robinson Treaties (1850)
- William Treaties
- Upper Canada Land Surrenders





Office of the President

Maclean's ranks Lakehead University second in Ontario among primarily undergraduate universities

Maclean's has once again included Lakehead University among Canada's top 10 primarily undergraduate universities in the magazine's 2022 University Rankings.

Lakehead ranked second overall among Ontario universities in its category, and eighth out of 19 primarily undergraduate universities from across Canada.



"At Lakehead University we provide a transformative university experience, grounded in exceptional scholarship and unique student potential," said Lakehead University President and Vice-Chancellor Dr. Moira McPherson.

"These rankings recognize Lakehead's success in creating future leaders who support the economic, social and cultural resilience of Northwestern Ontario and Simcoe County. At Lakehead University we are committed to supporting student success by helping students realize their potential and achieve their career goals," Dr. McPherson explained.

This year, Maclean's University Rankings place Lakehead first in Ontario in student awards (tied), faculty awards, and total library acquisitions; second for highest quality, developing the leaders of tomorrow, social sciences and humanities grants, scholarships and bursaries, operating budget, and library expenses; and third for most innovative, student/faculty ratio, total research dollars, medical/science grants, and reputation.

Maclean's also found that Lakehead has the lowest class sizes in first- and second-year classes among all Ontario universities.

Dr. McPherson added that Lakehead's placement in the Maclean's Rankings comes on the heels of last month's revelation that Lakehead has been included in the top half of the Times Higher Education's list of the best universities around the world for the third year in a row, and a leading university in specific disciplines. [Read more here.](#)

You can read the full [Maclean's University Rankings here.](#)

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Lakehead Orillia Homecoming 2021

Lakehead Orillia's 2021 Homecoming featured virtual and in-person events open to all alumni. The capstone event was the in-person celebration of the recipients of this year's Alumni Awards. *Lakehead Celebrates* celebrated the accomplishments and contributions of both Sue Mulcahy, a prominent Orillia businesswomen and philanthropist who received an Honorary Alumni award, and Sami Pritchard (HBASc alum), student social justice champion and higher education consultant who received the Trailblazer award.

Virtual events' participants came from as far away as Nova Scotia and Manitoba, and as close as Simcoe County. Such activities included a a Comedy Night hosted by Yuk Yuk's Comedy; *Spilling the Tea*, a talk covering the hot beverage's history and perfect preparation tips; and *Ontario Wines – Get them off the Bench*, hosted by **Lakehead alumna Allison Findlay** (BSc'12), a winemaker at Flat Rock Cellars, who spoke about the business of winemaking and why people should give Ontario wines a spot on their wine rack.

Allison spoke to her experience at Lakehead which included small class sizes that helped nurture a feeling that she mattered more than just her marks, learning in a respectful environment, and learning how to think critically! She explained that her experience at Lakehead provided her with an unconventional route, but key stepping stone to a career of working to create fabulous wines. Lakehead University's personal approach to learning, including a focus on hands-on and other engaging forms of learning, was fundamental to developing the skills she needed to achieve her goals.



Academic Excellence

Student-designed video game for Thunder Bay campus

Over the summer, a Lakehead Thunder Bay student made a video game to help people new to the campus explore and discover all the services that Lakehead offers.

Find all the lost socks and laugh and enjoy as you learn about campus services.

Find it [here](#) on the Google Play store.





Radialis Medical Submits FDA 510(k) Premarket Notification for its Organ-Targeted PET Camera

Radialis Medical announced that it has submitted a U.S. Food & Drug Administration (FDA) 510(k) premarket notification for the Radialis PET Camera, an organ-targeted positron emission tomography system whose underlying technology was developed, in part, by **Dr. Alla Reznik**, Professor and Tier 1 Canada Research Chair in Physics of Radiation Medical Imaging at Lakehead University and a scientist at the Thunder Bay Regional Health Research Institute.

“Emerging radiotracers being developed for PET imaging allow specific disease processes to be visualized and facilitate precision medicine. The Radialis PET Camera is the first organ-targeted PET system focused on low-dose PET imaging of multiple diseases,” said **Dr. Alla Reznik**, Professor and Tier 1 Canada Research Chair in Physics of Radiation Medical Imaging at Lakehead and a Scientist and the TBRHRI.

The University Health Network-Princess Margaret Cancer Centre (UNH-PMCC) in Toronto is currently using the Radialis PET Camera in a study titled “Evaluating Positron Emission Mammography Imaging of Suspicious Breast Abnormalities” (ClinicalTrials.gov Identifier: NCT03520218).

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Public Safety Canada Cyber Security Research Grant Awarded

Dr. Amir Ameli, Assistant Professor, Department of Electrical Engineering, in collaboration with Dr. Mohsen Ghafouri from the Concordia Institute for Information Systems Engineering (CIISE), has been awarded \$90,000 from Public Safety Canada’s Cyber Security Cooperation Program. This project intends to address the cyber-security problem of Wide Area Monitoring, Protection, and Control (WAMPAC) systems and their associated Internet of Things (IoT) devices using Artificial Intelligence (AI). The cyber-security of WAMPAC systems is a timely and crucial problem in power networks, since these systems are highly prone to malware and cyber-attacks, due to their dependence on information technology, and directly affect the stability and operation of power grids. This research is of significant importance for Canada’s economy, security, and development of Canada.





Lakehead University professors receiving \$470k from SSHRC for important research

Seven professors at Lakehead University are receiving a total of more than \$470,000 from the Social Sciences and Humanities Research Council of Canada (SSHRC) to fund their important research projects. SSHRC is the federal research funding agency that promotes and supports research and training in the humanities and social sciences.

SSHRC  CRSH

Some of the innovative research projects receiving funding include: a study of climate change education practice in Ontario and policy in Canada; understanding stress for post-secondary students; and uncovering public perceptions of inequality. A full list of awarded research projects can be found [here](#).

New NOHFC Internship Awards

Lakehead University has received three Internship Awards from the Northern Ontario Heritage Fund Corporation (NOHFC). Under the Workforce Development Stream, these positions help develop Northern Ontario's workforce by providing internships to new entrants in the workforce, those transitioning to a new career, or those who are unemployed or underemployed and are entering a new field.

Research Internships

- **Dr. Zubair Fadlullah**, Department of Computer Science, "Biomedical Image Processing & Analytics with Explainable AI", \$31,082.
- **Dr. Tarlok Sahota**, Lakehead University Agricultural Research Station, "Research and Extension Intern", \$35,000.

Administrative Internship

- **Robin Sutherland**, Director of Indigenous Relations, Bora Laskin Faculty of Law, "Office of Indigenous Relations Position", \$35,000.



Local and Global Partnerships

Lakehead University hosted Treaties Recognition Week

Lakehead University hosted a virtual Treaties Recognition Week events daily from Monday, Nov. 1 to Friday, Nov. 5, as well as an in-person display provided by Nishnawbe Aski Nation (NAN).

In 2016, Ontario passed legislation declaring the first week of November as Treaties Recognition Week. This annual event honours the importance of treaties and helps students and residents of Ontario learn more about treaty rights and relationships.

Lakehead kicked-off the week on Monday, Nov. 1 at 12:30 pm with an opening ceremony featuring remarks from Chief Ted Williams from Chippewas of Rama First Nation, Chief Peter Collins from Fort William First Nation, and Dr. David Barnett, Lakehead's Provost and Vice-President (Academic).

Elder Gene Nowegejick began the ceremony with a prayer. Dr. Gina Starblanket, Associate Professor in Indigenous Governance at the University of Victoria, provided a talk called Seeding Our Futures.

She is the principal investigator of the Prairie Indigenous Relationality Network. Her research discusses questions of treaty implementation, prairie Indigenous life, gender and Indigenous feminism.

NAN's Community Building Exhibit includes 16 panels that have information on treaties and the history of Residential Schools. This display is set up outside Lakehead University – in between the Chancellor Paterson Library and the Agora Circle.

It covers Treaty relationships and aims to dispel myths in a way that participants can engage at their own pace. This display also highlights many of the realities faced by First Nations Peoples. The panels will be on display at future community events.

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Finnish Delegation Visits Lakehead University

On October 25th, the Finnish Delegation visited Lakehead University. The visit focused on discussions about forestry and innovative uses of wood fibres and bio energy. Lakehead University representatives provided the delegation an update on past and current academic activities of the Chair of the Finnish Studies Program.



From left, Dr. Michel S. Beaulieu, Associate Vice-Provost (Academic)-Special Projects, Mr. James Aldridge, Vice-Provost, International, Dr. David Barnett, Provost & Vice-President (Academic), Dr. Moira McPherson, President and Vice-Chancellor, Ambassador of Finland to Canada, His Excellency Roy Eriksson, Mr. Pasi Pinta, the newly appointed Honorary Consul of Finland to Thunder Bay, Deputy Head of Mission of Finland to Canada, Ms. Kaisa Heikkilä and Trade Commissioner of Finland to Canada, Mr. Seppo Rantala



From left, Mr. James Aldridge, Vice-Provost, International, Dr. Ronald Harpelle, History Professor, Pentti Paularinne, President, Suomi Foundation, Dr. Michel S. Beaulieu, Associate Vice-Provost (Academic)-Special Projects, Ambassador of Finland to Canada, His Excellency Roy Eriksson, Mr. Pasi Pinta, the newly appointed Honorary Consul of Finland to Thunder Bay, Deputy Head of Mission of Finland to Canada, Ms. Kaisa Heikkilä and Trade Commissioner of Finland to Canada, Mr. Seppo Rantala



From left, Mr. James Aldridge, Dr. Ulf Runesson, Dean, Faculty of Natural Resources Management, Ambassador of Finland to Canada, His Excellency Roy Eriksson, Mr. Pasi Pinta, the newly appointed Honorary Consul of Finland to Thunder Bay, Deputy Head of Mission of Finland to Canada, Ms. Kaisa Heikkilä and Trade Commissioner of Finland to Canada, Mr. Seppo Rantala



Region is in Spotlight at Upcoming Palliative Care Online Summit

This year's Northwestern Ontario Palliative Care Online Summit was held on Thursday, Oct. 28. It highlights the strength and resilience of the Thunder Bay region's palliative care professionals in adapting to devastating situations and continuing to provide high-quality care.

Coordinated by the Centre for Education and Research on Aging & Health (CERAH), Lakehead University, the summit will spotlight the approaches that regional health-care providers have taken to continue delivering a high standard of palliative care to the people of Northwestern Ontario during these challenging times.

Palliative care health-care providers have been through many changes in health-care delivery during the pandemic and in many cases, the situations they've faced have been especially difficult. For example, visitation restrictions have caused much moral, ethical and emotional distress to health-care workers, patients and their families, and have resulted in many people dying without loved ones by their side.

Dr. Amy Montour from Six Nations of the Grand River Territory, a palliative-care physician, helped to set the stage, highlighting how health-care workers can recover and even thrive and grow together as demonstrated by the continued work to improve access to high-quality, culturally safer palliative care despite the pandemic.

Dr. Montour also explained the Two-Eyed Seeing approach to palliative care for Indigenous people, and how health-care workers can incorporate a trauma-informed perspective to the practice of palliative care.

Regional health-care providers from Kenora, Nipigon, Manitouwadge, and Thunder Bay discussed achievements and developments in the palliative care delivered in Northwestern Ontario – such as the implementation of Indigenous Transition Facilitators throughout the region, which have helped patients and their families receive the sensitive and responsive support they need at the palliative and end-of-life phases in their illness journey.

This event was organized by CERAH and the 2021 Northwestern Ontario Palliative Care Online Summit Committee, made up of health-care organizations from Thunder Bay and the region. [Click here for more information about the Summit.](#)

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Lakehead University hosted first electric vehicle show in Northwestern Ontario

On Oct. 16, Lakehead University hosted the first ever electric vehicle show in Northwestern Ontario at Lot G9 on the Thunder Bay campus (near Lakehead's ATAC building and the Bike Shack).

As part of Lakehead's Year of Climate Action – a year to make connections and spark climate action – students, staff, faculty and members of the public in Thunder Bay was able to speak with electric vehicle owners about what it's like to drive an EV in Northwestern Ontario.

“Where do you charge the battery? How much does it cost to drive it? Are there enough charging stations to drive to Toronto or Winnipeg? Do they still work in the winter?”

Who better to ask than our neighbours?

Lakehead partnered with EVANO, the Electric Vehicle Association of Northern Ontario, a citizens' group who are “EV ambassadors in our communities” - helping citizens understand the benefits to drivers and to the planet of transitioning to electric vehicles.

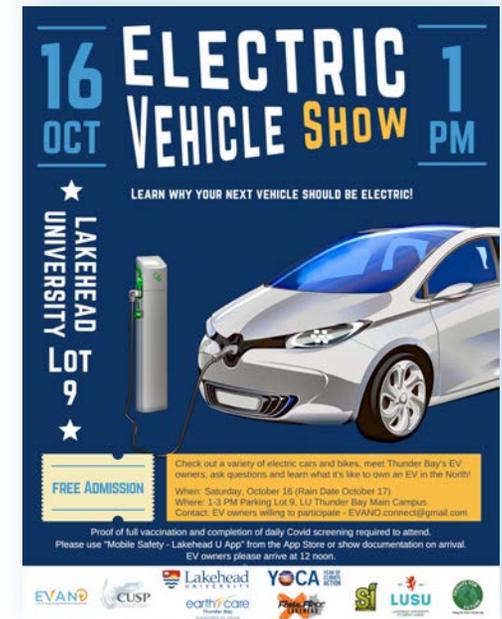
Other partners include EarthCare, Fridays for Future Thunder Bay, Fossil Free Lakehead, the Lakehead University Student Union Sustainability Initiative, and Citizens United for a Sustainable Planet.

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Province's GO-VAXX bus visits Lakehead

On October 6, the province's GO-VAXX bus was setup at Lakehead's Orillia campus offering students, faculty, staff and the community the opportunity to receive first or second doses of the Pfizer COVID-19 vaccine. The bus offered a convenient option to get vaccinated, and supported Lakehead's goal of achieving a high rate of vaccination amongst our community.

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Centre on Education and Lifelong Learning - September

The Third Age Learning Lakehead (TALL) series began on September 15th: *System Failure?: The Changing Economy*. This series features Dame Frances Cairncross (*The Economist*), Dr. Andreas Park (Rotman), Jeffrey C. Martin ("The Generation Effect"), Dr. Bipasha Baruah (Western) and Lakehead's own **Dr. Todd Dufresne**. Over 120 households are tuning in on zoom each week. The next series will be hosted by Thunder Bay (and is in development with a seniors advisory group from Thunder Bay) and begin in November.

The Ontario Master Naturalist Program's fall certificate is in session with a full cohort of participants. Later this fall a workshop will be offered as part of YOCA - Naturalists in the Know: Responding to the Climate Crisis - on November 22.

Consultations will begin this fall with elders and youth from local First Nations in the Simcoe County area. These will inform the launch of "Truth and Reconciliation in our Community: Enabling Indigenous-led Dialogue". This project is funded by a SSHRC Connection grant.

In the past year, CELL programming had 1436 participants - and we're excited to keep growing!

Centre on Education and Lifelong Learning - November

As part of Lakehead's Year of Climate Action, Third Age Learning Lakehead launched its second fall series on November 3, "Climate ACTION: What/Now?". The incredible line up of speakers includes Dianne Saxe, Seth Klein, Lakehead's Ellen Field and Allie Rougeot, Vicki Montague, and Maude Barlow.

Special High Skills Major programming is expanding into the Algoma District School board. In November, over 100 grade 7 and 8 students in Elliot Lake will participate in a module on Wetlands, while a cohort of students at White Pines Collegiate in Sault Ste. Marie will complete the Ontario Youth Naturalist Program, offered in partnership with Parks Canada.



CALAREO Receives Grant for International Research Mobility Experience (IRME) Project



The Canada and Latin America Research & Exchange Opportunities (CALAREO) Consortium has been awarded a Global Skills Opportunity (GSO) project grant of \$799,200 to launch an outbound mobility project, the CALAREO International Research Mobility Experience (IRME) project. CALAREO is a consortium of five Canadian universities (Lakehead, Vancouver Island University, Carleton University, École de technologie supérieure (ÉTS), and Memorial University) dedicated to increasing research collaboration and student mobility with Latin American universities. Co-funded by Mitacs (\$240,000) and CALAREO (\$40,000), the IRME Project will sponsor an estimated 138 undergraduate students to participate in various research-focused mobility opportunities (medium- and short-term research internships/co-ops, as well as faculty-led programs). CALAREO partnerships in Mexico and

Colombia and knowledge exchange among members provide the framework for developing inclusive programs and services for student mobility, including enhanced funding and services for underrepresented students (indigenous students, students with disabilities, and low-income students). The project will also develop a promotional strategy for Latin America, based in the results of the student survey funded by the 2020-21 GSO Outbound Mobility Pilot Project, to address information gaps and increase interest in Latin America. The CALAREO Secretariat based at Lakehead will administer the IRME Project, which runs through March 31, 2025.

The **Global Skills Opportunity program (GSO)** is a program of the Canadian government designed to increase outbound undergraduate student mobility, with the ultimate goal of improving Canada's competitiveness in the global marketplace. Funded by Employment and Skills Development Canada (ESDC) and administered by Universities Canada, the GSO program has a number of specific objectives, including (1) increasing outbound mobility to non-traditional destinations (including Latin America); (2) improving access and supports for students who are traditionally underrepresented in outbound mobility programs; and (3) testing innovative approaches to increasing outbound mobility.

Lakehead International was successful in securing nearly \$500,000 in funding for its New Horizons Program. The goal of the New Horizons program is to provide opportunities for Indigenous students and low-income student to develop international experience and cultural intelligence, expand their knowledge of issues relevant to Indigenous peoples globally, and to provide students access to innovative and culturally relevant supports, resources, training, and financial backing needed to participate in international mobility opportunities. The program, which runs until 2025, will send students on short-term and 1-semester study abroad courses and programs to partner universities in Australia, Brazil, Chile, Colombia, Ecuador, Finland, Mexico, and Norway. Some courses are one which already exist, while others can still be developed. All are coordinated with our partners and all will inspire students to see their world differently, learn intercultural skills, and build a brighter future.

"IRME" is an acronym, but the word "irme" means "I am going" in Spanish (pronounced like "ear-may").



CALAREO Presents at the Conference of the Americas on International Education

CALAREO made a splash at the 7th edition of the Conference of the Americas on International Education from October 19-22, 2021. The conference, organized by OUI-IOHE, was hosted in Chile in virtual format. As a platinum sponsor, CALAREO’s virtual booth gave the organization presence, along with two presentations. On Wednesday, October 20, CALAREO gave its overview presentation, and with more than 100 participants, it was session (apart from the plenaries) with the highest attendance at the conference. At a parallel session on Thursday, Dr. Andrew Dean joined Dr. Giovanni Anzola-Pardo, Executive Director of Colombia Challenge Your Knowledge (CCYK) and Javiera Visedo of Education New Zealand, for a reflective discussion entitled Challenges, Resources and Strategies of IHE: Collaborative Efforts of Colombia, Canada and New Zealand. CAIE Chile-2021 brought together a total of 1100+ participants from 40 different countries, representing higher-education institutions and associations, governments and international organizations.



Entrepreneurship and Innovation



2022 Research & Innovation Week: Planetary Stewardship

The Office of the Vice-President, Research and Innovation is pleased to announce that Research & Innovation Week 2022 will be held from Monday, March 7 – Friday, March 11. In alignment with the Year of Climate Action (YOCA), the theme of this year’s R&I Week will be **Planetary Stewardship**. This weeklong event will again be hosted virtually this year to celebrate the accomplishments of our Thunder Bay and Orillia researchers. More information will be available soon at <https://www.lakeheadu.ca/research-and-innovation/week>.



Ingenuity Launches Fall Events

Ingenuity hosted 3 events to help celebrate BDC's Small Business Week October 18-22 including an IP information Panel, a session for inclusive hiring practices and the second of four sessions in partnership with their community partner PARO. Ingenuity is looking forward to hosting their annual Pitch It event November 10 on campus with a virtual audience. Ingenuity is also excited to announce that with the help of External Relations an Indigenous Start-Up fund that provides \$5000 towards business development for an Indigenous Lakehead student is currently open for applications.



Ingenuity Indigenous Start Up Fund

Ingenuity's Indigenous Start Up Fund is a great opportunity for an entrepreneurial minded Indigenous Lakehead University student looking to transition an idea into a business opportunity or accelerate the growth and development of their early stage start-up. The Ingenuity Indigenous Start Up Fund will deliver \$5000 to one business idea for costs associated with business development. Along with the funding Ingenuity will provide mentorship and support to help move your business idea to the next stage.

Applicants must meet the following criteria:

- Must be a current student enrolled at Lakehead University
- Must identify as Indigenous
- Willing to commit to mentorship, coaching and knowledge based learning from Ingenuity in order to develop business
- Must be eligible and meet the requirements of starting and running a business in Canada

TO APPLY:
<https://forms.gle/YCnNWUZSbW37E9hn7>
or visit the events page of ingenuity.lakeheadu.ca

Application deadline:
November 26, 2021
Interviews to take place December 2021 with winner announced the week of December 20th, 2021



For more information, please reach out to Alyson MacKay, Manager, Ingenuity amackay@lakeheadu.ca



Women Mean Business

Ingenuity and PARO Women's Enterprise present a 4 part series to help get your business idea out of your head and ready to launch. The final part in the series will include a business pitch competition for a chance to win \$750 in cash prize to use towards your business. Attendance is required in all sessions prior to participating in the pitch. All sessions will be presented virtually.

Session #1-Business Model Canvas
October 6, 12:15 pm - 1:15 pm

In this session we will take you through the steps to build your business model canvas and help prepare you for your business planning.

Session #2-Marketing Your Business
October 20, 11:00 am - 12:00 pm

Kassandra Arsenault, owner of Konnect; a Social Media Management Company will present a session on social media marketing and why it is so important to incorporate within your business.

Session #3-Finance for Your Business
November 3, 12:15 pm - 1:15 pm

Joanne Delarocbil, owner of Numbers will discuss what you need to know and where to start on general bookkeeping information along with some tax information and tips

Session #4-The Pitch Competition
November 17, 4:00 pm - 6:00 pm

Complete a 3 min elevator pitch of your business to judges for a chance to win. \$500 will be given for first place and \$250 to second place. More information will be provided in the previous sessions to prepare you to pitch.

To register:
Email amackay@lakeheadu.ca
or trainer@paro.ca



For more information, please contact Alyson MacKay amackay@lakeheadu.ca



Social Responsibility

ESS's 40th Annual Charity Bus Pull supports Big Brothers Big Sisters

On October 5, the Engineering Students Society of Lakehead University (ESS) held its 40th annual charity bus pull. Teams competed to pull a school bus around the Agora Circle in support of Big Brothers Big Sisters, a division of Our Kids Count!

The bus pull for Big Brothers Big Sisters Thunder Bay is an ESS tradition started by students in 1980. ESS chooses Big Brothers Big Sisters because they offer mentor programs for young people and hopes that Lakehead students will get involved and inspire younger generations to consider a career in engineering.

