



**Lakehead**  
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# 2021-2022 ACTIVITY REPORT

Faculty of Health and Behavioural Sciences



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**Lakehead**  
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Faculty of  
**Health and  
Behavioural Sciences**

## The Faculty of Health and Behavioural Sciences

The Faculty of Health and Behavioural Sciences at Lakehead University is made up of the professors, researchers, students and staff in the Schools of Nursing, Kinesiology, Social Work and the Departments of Psychology and Health Sciences. Together, we conduct leading-edge research on health and human behaviour. We build knowledge of the many determinants and factors in health and with full view of the interactions of health and behaviour within society and environment. Much of our research is community driven and responsive to the needs of our regions in Northwestern Ontario and Simcoe County. Within this dynamic environment of innovation and knowledge creation, we deliver exceptional programs drawing on proven expertise in evidence-based approaches. Our programs are nationally accredited and offer recognized and regulated professional designations.



## Greeting from the Dean

### **Dr. Mirella Stroink,** Dean, Faculty of Health and Behavioural Sciences

“I am proud to share this report of the activities of the Faculty of Health and Behavioural Sciences, 2021-2022. This report provides a snapshot of the many ways that our Faculty contributes to building better health for our communities and beyond. In the following pages, you will find a quick glance of our contributions to teaching, professional training, community engagement, and research, a brief introduction to each of our Schools and Departments, and an overview of our contributions to research publications and grants. I invite you to explore further by following up with our website links and reaching out.”





# Chairs & Directors

## Dr. Lynn Martin, Chair of the Department of Health Sciences



The Department of Health Sciences is comprised of ten faculty members, including two Canada Research Chairs and two Research Centre Directors. Together, we mobilize knowledge to protect and promote health and reduce health inequities. We value diversity and prioritize integrity in everything we do. Through applied research, community engagement, and provision of diverse learning opportunities, we build capacity to understand and address the complexities of current and emerging health issues. Ours was the first Master of Public Health program in Canada!

We also offer Master and Doctoral programs in Health Sciences, as well as an undergraduate Minor in Aging and Health. Graduate-level specializations are available in Epidemiology; Gerontology; Indigenous and Northern Health; and Social-Ecological Systems, Sustainability and Health. We encourage and recognize the important contributions of our students in our work and communities.

Our students have created a Lakehead chapter of the Canadian Society for Epidemiology and Biostatistics and have recently formed their own Graduate Student Association.

## Dr. Ian Newhouse, Director of the School of Kinesiology



The School of Kinesiology has established itself as being an innovative and unique academic unit with a distinct dedication to applied scholarly endeavors. The School offers a number of undergraduate degree programs including: The Honours Bachelor of Kinesiology (HBK); HBK Co-operative education; and HBK/Bachelor of Education (PJ and IS) with 6-year and 5-year programs. Upon completion of an undergraduate Kinesiology degree, the School offers a thesis or course based Master of Science (MSc) degree in Kinesiology, a MSc degree in Kinesiology with Specialization in Gerontology, and a Graduate Diploma in Professional Kinesiology.

In addition, the School has established transfer pathways for a number of colleges. Lakehead University is proud of these programs and the way in which they are enhanced by student-professor relationships and personalized attention. The School is accredited by the Canadian Council of University Physical Education and Kinesiology Administrators (CCUPEKA) and is supported by ten faculty members and four staff. The Kinesiology at Lakehead University (KALU) club is a student organization that plans academic and social events for students throughout the year.

## Dr. Kristen Jones-Bonofiglio, Director of the School of Nursing



Originally established in 1965, Lakehead University's School of Nursing continues to attract diverse students into our undergraduate Bachelor of Science in Nursing (BScN) programs. The 3-year Compressed BScN Program and 4-year BScN Program have a nationally accredited curriculum based on a foundation of relational practice, which blends both the art and the science of nursing. We offer comprehensive clinical and hands-on lab experiences in every year level of the program.

With a vibrant student association (Lakehead University Nursing Association-LUNA), nursing students work together toward their future goals as leaders in health care in Northwestern Ontario and beyond. The School also partners to offer the Indigenous Nurses Entry Program (INEP) with Lakehead's Indigenous Initiatives department and the All Nations Nursing Entry Program (ANNEP) with Seven Generations Education Institute. Since 2020, we have offered graduate education, with a Master's of Nursing (MN) Program that has Nurse Practitioner (NP) and Advanced Practice Nursing (APN) streams.

# Dr. Rupert Klein, Chair of the Department of Psychology

The Department of Psychology offers arts and science undergraduate programs, graduate programs in Psychological Science (MSc and PhD), MA Clinical Psychology, and CPA-accredited PhD Clinical Psychology programs at the Thunder Bay campus and an HBA psychology program at the Orillia campus. We have 12 full-time faculty representing a diverse range of expertise and community associations, one of whom is a Canada Research Chair in Indigenous Mental Health and Addictions. Early in their programs students can get involved in lab-based experiential learning opportunities and join the department club the Psychology Association of Lakehead Students (PALS) to hear about upcoming talks and receive mentoring from senior students. We also have a psychology program coordinator to assist students from all programs with course selection and advising.





## **Dr. Jo-Ann Vis,** **Director of the School of Social Work**

The School of Social Work offers two different Honours Bachelor's degree (HBSW) programs and a Master of Social Work (MSW) degree program at both Thunder Bay and Orillia campuses. The four-year HBSW program is designed to combine a liberal arts education with a social work generalist professional practice lens. The One-Year HBSW program is designed for those students who have completed the requirements of an approved Bachelor's degree besides social work and have related practice experience. All programs are fully accredited by the Canadian Association of Social Work Education. The School has 15 full-time faculty members. (8 in Thunder Bay, 7 in Orillia) who are actively engaged in research and community work.

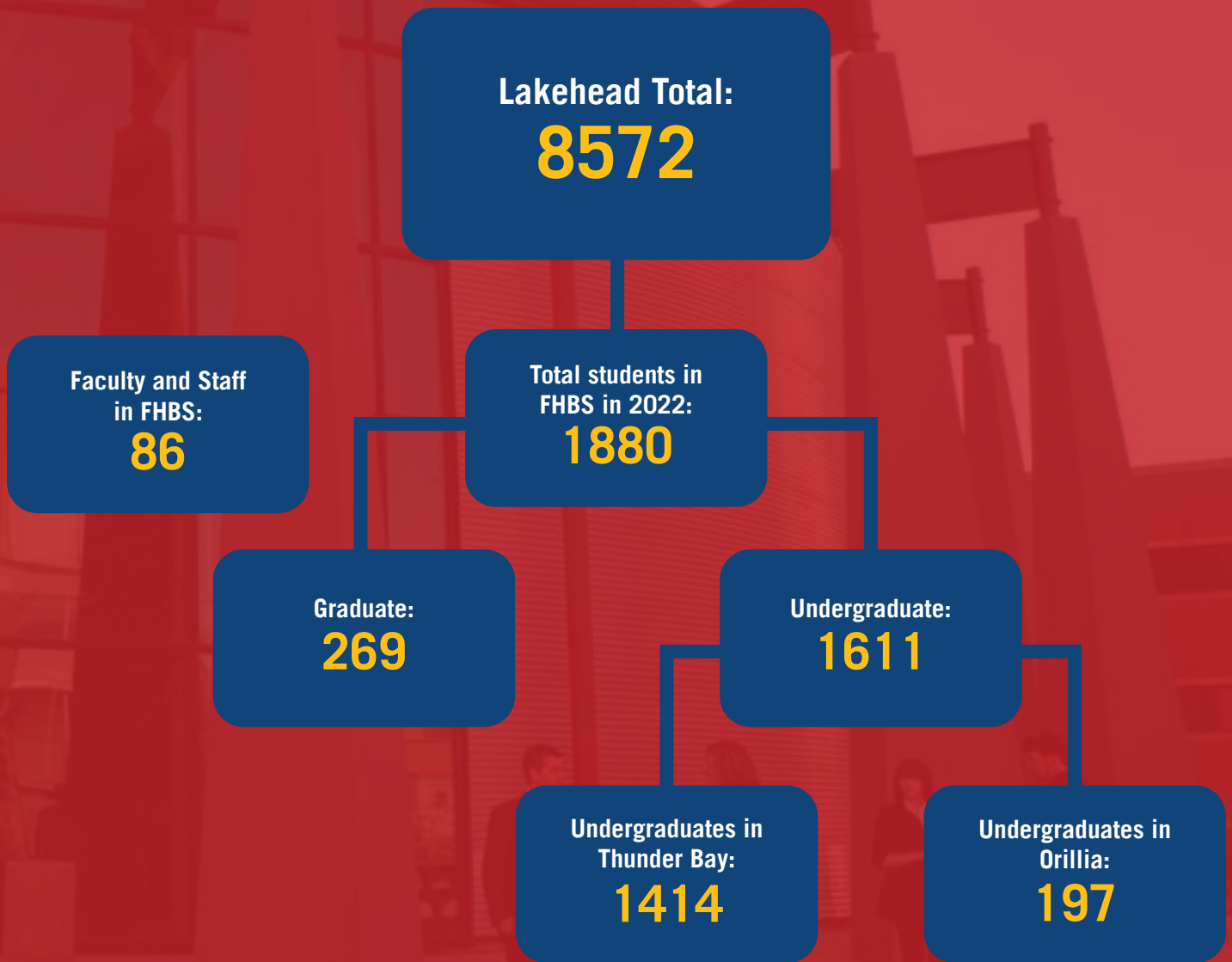


An aerial photograph of a city grid, showing streets, buildings, and parks, overlaid with a semi-transparent blue filter. The text 'At-a-Glance' is centered in the middle of the image.

# At-a-Glance



## FHBS by the Numbers:



# Teaching Awards:

**Dr. Angela Hovey (Contribution to Teaching Award, 2021; School of Social Work)**



**Dr. Ravi Gokani (Contribution to Teaching Award, 2022; School of Social Work)**



**Dr. Lindsay Galway and Dr. Charles Levkoe (Teaching Innovation Award, 2022; Department of Health Sciences)**



# Number of Granting Agencies: 21

Grants Awarded in 2021-2022: Dollars awarded in competitive external grants to the Faculty of Health and Behavioural Sciences: **\$7,906,143**

## Granting Agencies:

CIHR	Canadian Cancer Society
NSERC	Prescription to Get Active
SSHRC	Ministry of Labour, Training, Skills, and Development
Ministry of Labour	Tri-Agency Institutional Programs Secretariat
Ontario Brain Institute	Public Health Agency of Canada
MITACS	Global Affairs Canada
Northern Ontario Heritage Fund	St. Joseph's Care Group
City of Thunder Bay	First Nations Health Authority
Shawanage First Nation	NorWest Community Health Centres
Canadian Payments Association	Canadian Centre on Substance Use and Addiction
Dilico Anishinabek Family Care	



# Research Spotlights

# Grant:

Dr. Nicholas Ravanelli, School of Kinesiology  
\$237,732 Tri-Agency Institutional Programs Secretariat

An ecologically valid approach to examining the behavioural and physiological responses of vulnerable populations during heat waves

Since the start of the 21st century, progressive rises in the frequency, intensity, and duration of heat waves throughout Canada has resulted in dramatic increases in morbidity and mortality. Despite the development of Canadian Heat Alert Response Systems to protect the health and wellbeing of citizens during extreme heat, the surge in heat-related morbidity and mortality during heat waves persists. Further, mortality during heat waves primarily occurs at-home rather than in-hospital or medically supervised settings. This highlights the urgent need to evaluate how human behaviour and physiological responses to heat stress in personal dwellings increases the risk for heat-related complications.

Advancements in wearable sensors, web applications, and internet connected devices offer a unique opportunity to monitor the environmental conditions experienced by individuals alongside the behavioural and physiological responses in more ecologically valid settings. This technology may identify the primary factors influencing heat-related vulnerability and potentially enable early detection for heat-related complications alongside personalized heat resilience strategies during heat waves. For Summer 2023, the technological innovation supported by Dr. Ravanelli's New Frontiers in Research Fund will be deployed in Montreal, QC to comprehensively monitor the environmental, behavioural, and physiological responses of elderly individuals who reside without air-conditioning in their residence, some of the most vulnerable during periods of extreme heat.



A person is seen from behind, walking up a wide, modern staircase. The person is wearing a dark jacket, dark pants, and sneakers. The staircase has metal railings on both sides. The entire image is overlaid with a semi-transparent blue filter. The word "Dissemination" is written in large, white, bold, sans-serif font across the middle of the image.

# Dissemination



# Dr. Karen McQueen, School of Nursing & Dr. Jodie Murphy-Oikonen, School of Social Work

Nursing & Social Work: McQueen, K., Murphy-Oikonen, J., Miller, M. & Chambers, L. (2021). Sexual assault: Women's voices on the health impacts of not being believed by Police. BMC Women's Health, 21, 217. DOI:<https://doi.org/10.1186/s12905-021-01358-6>

Sexual assault is a prevalent crime against women with known adverse health outcomes. Our study explored the health impacts on women who were sexually assaulted and not believed by police. We conducted interviews with 23 sexual assault survivors and found three themes:

- (1) Broken Expectations resulting in loss of trust and secondary victimization,
- (2) Loss of Self, and
- (3) Cumulative Health/Social Effects.

Our findings highlight that disbelief from the police resulted in added mental and social health outcomes beyond those associated with the sexual assault. Improving the reporting experience for sexual assault survivors is needed for well-being.



**Dr. Karen  
McQueen**



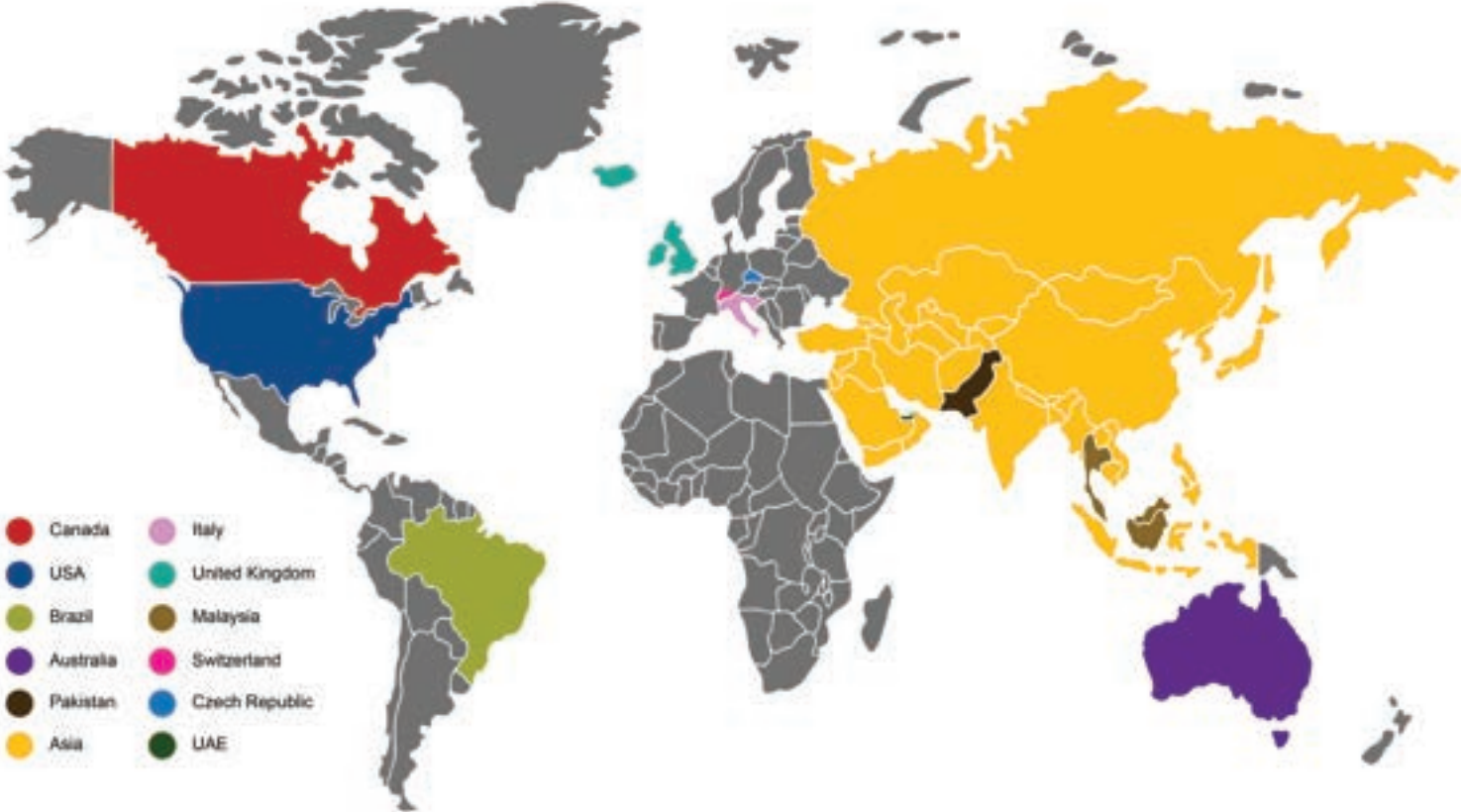
**Dr. Jodie  
Murphy-Oikonen**

“This paper is part of a larger program of research that is examining the reporting experiences of diverse sexual assault survivors to informal (friends and family) and formal (police, health care provider, counselor, clergy) supports. The multi-disciplinary research team is comprised of Dr. Jodie Murphy-Oikonen, Dr. Karen McQueen, Dr. Lori Chambers and Ainsley Miller”.

A blue-tinted photograph of a conference poster session. In the foreground, two people are looking at a poster. One person is wearing a light-colored jacket and dark pants, and the other is wearing a dark jacket and light-colored pants. In the background, other people are visible, and a large poster is displayed on a wall. The overall scene is a busy conference environment.

# Peer Reviewed Conference Presentations

**Global Impact: Research by FHBS Faculty was presented at conferences around the world.**





# Journal Articles

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Bohunicky, M., Levkoe, C., & Rose, N. (2021). Working for justice on stolen land? Interrogating food movements confronting settler colonialism. *Canadian Food Studies/La Revue canadienne des études sur l'alimentation*, 8(2), 137-165.

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Costa, I., Phillips, C., Spadoni, M. A., Botros, M., & Camargo-Plazas, P. (2021). Patients' voices, stories and journeys of navigating social life while having and managing complex wounds: A knowledge mobilization project. *Wound Care Canada*, 19(2), 24-25.

Costa, I. (2022). Unfolding Patients' preferences in wound care. *Wound Care Canada*, 19(2), 52-54.

Costa, I., & Jones-Bonofiglio, K. (2022). Promoting autonomy, empowerment and self- management in patients with wounds. *Wound Care Canada*, 19(2), 28-31.

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