College of Nursing, Rady Faculty of Health Sciences

Faculty List for Undergraduate Student Research Awards (URA)

Summer 2024

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<th>Faculty Name</th>
<th>Description</th>
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| **Manitoba Centre for Nursing and Health Research (MCNHR)**  
Lynda Balneaves RN, PhD  
Associate Dean Research, Professor and Director of the MCNHR  
Lynda.balneaves@umanitoba.ca | We are looking to support up to two undergraduate students who are interested in learning more about nursing and health research and evidence informed practice to work with Dr. Lynda Balneaves and research staff in the Manitoba Centre for Nursing and Health Research (MCNHR) on multiple research and evaluation projects. The undergraduate students will gain valuable research experiences by supporting the activities of the Manitoba Nursing Graduate Project, including online and telephone data collection, data analysis and reporting. The Manitoba Nursing Graduate Project provides important data on new nurses’ employment status and intentions, opinions of their education programs, and their early workplace experiences, including experiences of bullying and anxiety. This project informs nursing workforce planning in Manitoba. Students will also be involved in research activities related to evaluating the new three-term model of nursing undergraduate education and gathering feedback and data from student and faculty participants. Students will also work both independently and collaborative in responding to various faculty requests for research services, such as literature searches, assisting with online surveys, helping with online forms and applications, and developing and designing research dissemination products, like infographics and research posters. The MCNHR provides excellent training opportunities and hands-on research experience in a very supportive research environment. We welcome students from diverse backgrounds and identities and from across nursing, health or related disciplines who are interested in joining the MCNHR team! |
| **Mandy Archibald, RN, PhD** | |

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<th>Assistant Professor</th>
<th>Making Lived Experience Research Accessible to Families Experiencing Childhood Onset Disability</th>
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<td><a href="mailto:Mandy.archibald@umanitoba.ca">Mandy.archibald@umanitoba.ca</a></td>
<td>1 in 6 Manitoban children live with developmental disability or neurodiversity. We co-developed the virtual “Collaboration Station living lab”, in partnership with the Rehabilitation Center for Children, Specialized Services for Children and Youth (SSCY) Center, to help families share invaluable knowledge of their lived experiences and to communicate research knowledge in meaningful and accessible ways using knowledge translation. Knowledge translation aims to improve the effective communication and use of research findings so that they are used to inform health care decisions and improve care. The student selected to support this innovative clinical partnership project will create a creative knowledge translation resource to communicate research findings from a study with families experiencing childhood onset disability. The student will work with creative approaches, such as video and infographics, for example, and gain understanding of knowledge translation principles and arts-based knowledge translation, lead the development of a knowledge translation resource that will be hosted at SSCY and the Collaboration Station Living Lab, and will have the opportunity to consult with key interested parties, such as families and clinical partners, to guide the development of the resource.</td>
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| Assistant Professor | Nicole Harder, RN, PhD  
Associate Professor | Nicole.harder@umanitoba.ca | Dr. Nicole Harder’s current research creates, implements, and studies the use of simulation as a pedagogy to teach technical and non-technical skills to healthcare providers and students. While primarily a qualitative researcher, she also uses mixed-methods and quantitative methods to evaluate the outcomes of the simulation interventions. Her current projects include the development of virtual simulation activities that address equity, diversity and inclusion in undergraduate education in the health professions.  
Students who have an interest in nursing education, creating multi-media projects, and/or an interest in including more diversity in their undergraduate nursing education are |

|  |  |  |  |
**Diana McMillan, RN, PhD**  
Associate Professor &  
Clinical Chair, Health Sciences Centre  
[Diana.mcmillan@umanitoba.ca](mailto:Diana.mcmillan@umanitoba.ca)

This position will offer students an exciting range of opportunities to work in a variety of multidisciplinary teams, on various clinically related projects that are lead or supported by Dr. Diana McMillan, Clinical Chair (Research) at HSC. Potential projects include 1) survey development and data analysis of a survey to identify staff nurse needs and preferred learning strategies to enhance patient and family engagement in research 2) impact assessment of the MB Telestroke program – qualitative component, 3) understanding factors and strategies to support nurse retention and recruitment in the ER context. Students will have an opportunity to learn about all aspects of a research project, including identification of a clinical question with clinical team members, rapid reviews of clinical questions, grant writing, ethics submission, data collection, data management and analysis and knowledge translation.

**Daniel (Dan) Nagel, RN, PhD**  
Assistant Professor  
[Daniel.nagel@umanitoba.ca](mailto:Daniel.nagel@umanitoba.ca)

The primary focus of Dr. Nagel’s nursing practice has been in community health and working with diverse populations. His current program of research blends access to health care for underserved populations with educational preparation of pre-licensure healthcare students through the design and delivery of healthcare programs in the community. The main objectives of Dr. Nagel’s work are to explore alternative models of health care and curriculum design for future healthcare practitioners that: i) is based on experiential learning (i.e. practical hands-on); ii) reflects interprofessional practice; iii) leads to sustainable health programming in underserved communities (e.g. rural and remote area); and, iv) engages community
stakeholders in design and implementation of programs to meet needs identified by the community.

Any student with an interest in community health and/or education, including education and sociology students, will have the opportunity to work alongside a core group of interdisciplinary researchers, educators and students to work on a number of potential projects to:

a. Assess community health needs through environmental scans and engagement with community stakeholders;

b. Assist in the implementation and evaluation of a proposed pilot program for a Community Respiratory Intervention & Support Program in the Southern Health-Santé Sud region;

c. Participate in targeted literature searches and systematic reviews related to community health programming and education of students in healthcare fields; and,

d. Assist in the preparation of manuscripts, grant applications, and related knowledge translation materials.

Em M. Pijl, RN, PhD
Assistant Professor
em.pijl@umanitoba.ca

Dr. Pijl’s program of research explores (1) the clinical merits and complexities of harm reduction interventions for people experiencing problematic substance use and (2) the values underpinning perspectives on harm reduction.

Are you interested in working with marginalized populations and people experiencing problematic substance use? If so, consider getting involved in a progressive and cutting-edge safer drug supply project in downtown Winnipeg. Under the guidance of Dr. Pijl, you will learn how to monitor a new safe supply program to ensure program fidelity. You will get the chance to work directly with people who use drugs, including a range of individuals who may or may not be living at risk. You will get to know the patients, peers and health professionals who are working on this new live-saving initiative. Secondary tasks may include assisting with Dr. Pijl’s other ongoing harm reduction projects, as dictated by the student’s personal development goals for the summer research position and the projects’ needs and opportunities.
Annette Schultz, RN, PhD
Professor
Annette.schultz@umanitoba.ca

During the summer of 2024, a student will have the opportunity to join a team of researchers involved in developing clinical practice interventions to support early mobility post-cardiac surgery. The Early mobility to improve health outcomes following cardiac surgery (EVE) Clinical Trial Development study has recently received funding from CIHR and is being led by Dr. Annette Schultz Professor in the College of Nursing, and Emily Phillips PhD(c), Clinical Nursing Specialist St Boniface Cardiac Program. A patient and clinician engaged research approach was used in designing the study, which involves a team of researchers, patient/family care giver partners and clinicians. An outcome of this study will be the development of innovative interventions that draw on lived experiences and expertise of patients and their family members about their time in cardiac intensive care, and intensive care clinicians; we aim to devise interventions that are practical and achievable within the real world. Over the summer of 2024, we anticipate there will be opportunity to support data management and analysis from body mapping workshops with patient and family caregiver partners, which will include creating knowledge translation products. In addition, the student will be involved in qualitative coding transcripts from focus groups involving intensive care clinicians. The student will work with two nurse scientists, Dr. Annette Schultz and Emily Phillips PhD(c), to identify feasible work expectations and necessary training and other supports for student to successfully complete work. We welcome students from across health and related disciplines with an interest in learning more about health research.

Roberta Woodgate, PhD
Distinguished Professor; Canadian Research Chair (Tier 1) in Child and Family Engagement in Health Research and Healthcare
Roberta.woodgate@umanitoba.ca

My research program, IN•GAUGE, embraces a dynamic approach to: involve children, youth and families; interact with researchers and knowledge users in the research, intervention and evaluation process; and be innovative in the use and exchange of knowledge with the combined goal of improving the health and well-being of children and youth. An integrated knowledge translation approach that engages children and families is a cornerstone of my research program. I seek to improve the ways in which children and families participate in health research and involve them in all aspects of my projects.
| My program is infused by an approach to knowledge inquiry that is grassroots, embedded in the needs, lived experiences and practices of children, youth, and their families. I embrace a rights-based approach to research that recognizes that the voices of children and youth have in the past been silenced in research and in the decisions affecting their lives, including their health, and advocates for an approach that recognizes that children and youth are key actors in their own development, with the right to participate in decisions that affect them in accordance with their evolving capacities. In this regard, children and youth are key participants in the research process, contributing to the development, translation, and exchange of knowledge. My research includes a wide range of health conditions: mental illness, complex care needs and conditions, chronic illnesses (i.e. hemophilia), cancer, brain tumors; as well as various communities: Indigenous youth and their families and African newcomer families. I use child-centered methodologies and innovative, art-based approaches in knowledge production and translation strategies that help children and youth express themselves and challenge notions of how they conceptualize certain phenomenon such as health and illness. |