Faculty Name | Description
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Mandy Archibald, RN, PhD Assistant Professor Mandy.archibald@umanitoba.ca | Using the Arts to Communicate Research to Families Experiencing Childhood Onset Disability

1 in 6 Manitoban children live with developmental disability or neurodiversity. In order to better understand the experiences, research and care priorities of youth and families experiencing childhood onset disability, we have developed “Collaboration Station living lab”, which is a new partnered approach to doing and sharing family centered research in partnership with the Rehabilitation Center for Children, Specialized Services for Children and Youth (SSCY) Center. One key function of Collaboration Station is to communicate research to families in engaging ways using knowledge translation. Knowledge translation seeks to improve the effective communication and use of research findings so that they are used to inform health care decisions and improve care, since there remains a persistent gap between research and its use in health practice and policy.

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 have the opportunity to work with creative approaches, such as video, infographics, and animation for example. The student will 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.
| **Nicole Harder, RN, PhD**  
| **Associate Professor**  
| [Nicole.Harder@umanitoba.ca](mailto:Nicole.Harder@umanitoba.ca)  
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| 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 encouraged to consider working with Dr. Harder and her small research team. Students will be involved in both developing and researching the simulation interventions that are part of her program of research.  

| **Diana McMillan, RN, PhD**  
| **Associate Professor & Clinical Chair, Health Sciences Centre**  
| [Diana.mcmillan@umanitoba.ca](mailto:Diana.mcmillan@umanitoba.ca)  
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| 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) Development and testing of an innovative Community Care Model for Long-Covid Symptom Management; 2) impact assessment of the MB Telestroke program, 3) scoping review of virtual nursing interventions in a Covid and post-Covid 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.  

| **Kim M. Mitchell, RN, PhD**  
| **Assistant Professor**  
| [kim.mitchell@umanitoba.ca](mailto:kim.mitchell@umanitoba.ca)  
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| Dr. Mitchell uses mixed methods approaches to explore language and literacy needs of nursing students and the impacts of literacy (reading, writing, speaking, and listening) in medical language contexts on academic performance, student retention, nursing identity, and regulation of nursing practice. The undergraduate research assistant will assist with a
literature review project exploring literacy in the nursing profession. Training opportunities will involve systematic screening of the literature and extraction of data from full text articles. The undergraduate will also have the opportunity to work on pre-preparation for identifying the threshold concepts of nursing (concepts that lead to professional identity development and worldview changes) from the existing College of Nursing program courses. Dr. Mitchell also works in tandem with Dr. Marnie Kramer, Assistant Professor, in the College of nursing who focuses on affective learning, NCLEX failure, and metacognition.

Daniel (Dan) Nagel, RN, PhD
Assistant Professor
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,
| 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 interventions (such as supervised consumption services).

The undergraduate student will assist Dr. Pijl in analyzing quantitative and qualitative data from related projects and contribute to an application for funding to a national granting agency for a harm reduction study in Winnipeg. Under the guidance of Dr. Pijl, the student will conduct a scoping review of the literature regarding harm reduction services in acute care. The student will also assist in the development of consent forms, data collection instruments, and study protocols and will assist in data collection. The student will also contribute to the development of a publication. The student will be invited to assist with critically reflecting on the extracted data to help develop best practice recommendations. The student’s secondary tasks may include assisting with our other ongoing projects, as dictated by the student’s personal development goals for the summer research position and the projects’ needs and opportunities. |

| Sonia A. Udod, RN, PhD  
**Associate Professor**  
sonia.udod@umanitoba.ca | My research program focuses on nurse leader development critical to the creation of high-quality healthcare workplaces, leading to quality nurse, patient, and organizational outcomes. I am passionate about enhancing nurse leader capacity in the workplace and have a passion for teaching students to be effective leaders. Findings emerging from the LEAD Outcomes Research program have significant potential to inform and improve leadership practices and health services through translating relevant knowledge for nurse leaders.

My research interests include healthcare leadership, leader/manager role, and work environments. I am looking for a motivated student who can work with an interdisciplinary health services delivery team to advance a number of initiatives: |
The students can attend team meetings and be part of the LEAD research team

b. Assist in data collection and data analysis of a proposed pilot project

c. Assist with knowledge translation and dissemination of a project

d. Assist in literatures searches for two publications

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.

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

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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.