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GOALS
To fulfill its mission, the Department of Community Health Sciences strives:

• To provide the highest quality education, employing a population–based approach to health and health care.

• To play a leadership role in ensuring that all undergraduate teaching in the Faculty has a population health and critical appraisal perspective and preventive focus where appropriate.

• To enhance student success by fostering an environment conducive to intellectual growth.

• To conduct original scholarship and applied research in the area of population health of the highest quality as judged by international standards.

• To serve the community by making its expertise available and where appropriate by providing exemplary service models to individuals, communities, institutions and governments to the fullest extent.

Mission
To create, preserve, and communicate knowledge with respect to the health of populations and thereby contribute to the physical, psychological, cultural, social, and economic well–being of the people of Manitoba, Canada, and the world.
About the Department

History

The Department of Community Health Sciences (CHS) was created in 1987 through the merging of the Department of Social and Preventive Medicine (SPM) and the Division of Community and Northern Medicine (CNM).

SPM had existed as a small department within the medical school since the 1950s but had no full–time faculty members until the mid–1960s. Its first full–time Head, the late Dr. David Fish, was appointed in 1973. He began the recruitment of research scholars and scientists supported by career awards and laid the groundwork for SPM as a research–intensive department. A parallel development during the 1970s was the establishment and growth of the Northern Medical Unit (NMU) under the leadership of the late Dr. Jack Hildes. The NMU provided medical services to Aboriginal communities in the Keewatin region of the NWT and northern Manitoba. It was due to Dr. Hildes’ foresight and energy that the University of Manitoba became a leader in Aboriginal health care.

Dr. Hildes held the title of Associate Dean responsible for the Division of Community Medicine, which incorporated the NMU, the community medicine residency program, and also undergraduate teaching in family and community medicine. It changed its name to the Division of Community and Northern Medicine (CNM) in 1984. The creation of CHS in 1987 recognized the confluence of interests and activities between the two units and aimed to create a well–rounded department which excelled in the three areas of teaching, research, and service. Dr. Brian Postl became the first Head of the new department, a post he held until 1993. He was succeeded by Dr. Michael Moffatt, who served from 1993–1998, Dr. T. Kue Young from 1998 to 2002, Dr. John O’Neil from April 2, 2002 to June 30, 2007, Dr. Lawrence Elliott from July 1, 2007 to September 30, 2008, Dr. Sharon Macdonald from October 1, 2008 to August 30, 2012, Dr. Stephen Moses from September 1, 2012 until December 31, 2019 and Dr. Sharon Bruce from January 1, 2020 until present.

In 1991, the Manitoba Centre for Health Policy (MCHP) was established within CHS, with its first funding contract from the Manitoba Government. In 2009, the Centre for Global Public Health (CGPH) was established as a partnership between the Department of Medical Microbiology and CHS. In 2010, the Section of First Nations, Métis, and Inuit Health was established within CHS. The Section included the Manitoba First Nations Centre for Aboriginal Health Research (MFN CAHR), the Centre for Aboriginal Health Education (CAHE), and the J.A. Hildes Northern Medical Unit (NMU). The Vaccine and Drug Evaluation Centre (VDEC) was established in 2012 within CHS, in affiliation with the Faculty of Pharmacy, University of Manitoba.

As of April 1, 2014, the Biostatistical Consulting Unit moved to The George and Fay Yee Centre for Healthcare Innovation. On July 1, 2015, the merger of the Department of Family Social Sciences from the Faculty of Human Ecology with CHS became official. CHS welcomed eight faculty members from Family Social Sciences who are now colleagues, two support staff, many graduate and undergraduate students and the Family Social Sciences Undergraduate Program. On April 5, 2017, the University of Manitoba Senate approved the Indigenous Institute of Health and Healing – Ongomizwin, which encompasses the former CHS Section of First Nations, Métis, and Inuit Health. Ongomizwin was officially launched on June 2, 2017.

In early 2020, the University of Manitoba Senate approved the evolution of the Centre for Global Public Health (CGPH) into the Institute for Global Public Health (IGPH), a University-sanctioned research institute within the Rady Faculty of Health Sciences (RFHS). The establishment of an Institute for Global Public Health is expected to considerably enhance the ongoing activities of CGPH. These activities include: enhance collaborative research in global health within the University of Manitoba and to strengthen global platforms. A faculty-wide Institute will provide a platform to engage core and affiliated faculty members from across the RFHS, and will enhance collaboration with other faculties from a more cross-cutting administrative platform. The Institute will pro-actively seek a wider base of faculty members and trainees to participate in collaborative research, leveraging the Institute’s global research platforms and resources. The Institute will operate under a revised funding model that will allow it to strengthen and sustain its critical partnerships and platforms in core geographies. This will provide greater efficiency for collaborative initiatives, while elevating the profile of the University of Manitoba in its focus countries.
Full Time Staff

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Child maltreatment, mental health, resilience, prevention and intervention

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HIV/AIDS, and maternal and child health in epidemiological, demographic

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*Undergraduate medical education; community-university partnerships; social accountability; advocacy; health equity; pedagogy and teaching development; assessment.*

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Public health; remote and rural health; healthy built environment; health equity; vaccination

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Public health research and surveillance, with focus on HIV/AIDS and other infectious diseases, maternal and child health, nutrition and family Planning; Large scale program monitoring; Research methods; Community-based large-scale survey designs.

Krishnamurthy Jayanna
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Mother and newborn health; sexual and reproductive health; quality of care; infectious diseases (HIV, TB)

Maya Jeyaraman  MD (India) PhD (Manitoba)
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Knowledge Synthesis, Systematic reviews and meta-analysis

Esyllt W. Jones  MA (McGill), MA (Manitoba), PhD (Manitoba)
Professor | esyllt.jones@umanitoba.ca
History of infectious disease in the modern world; history of health and healing professions; history of public health and medicare in Canada; history of health inequality and social movements

Joseph M. Kaufert  BA (Minnesota), MA, PhD (Northwestern)
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Medical anthropology and medical sociology; aboriginal health; disability; qualitative research methods; research ethics; critical theory and health communication

Lauren E Kelly  B.Med.Sci (Western), M.Sc. (Birmingham), Ph.D. (Western)
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Clinical Trials Director, Children’s Hospital Research Institute of Manitoba
Clinical Trials; Drug safety; Opioid exposures; Pregnancy and Breastfeeding; Cannabis used for medical purposes; Research Methods; Child Health.

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Infectious diseases translation knowledge, HIV/AIDS, host response to viral infection; focus on immune response to influenza and host factors influencing the rate of HIV disease progression.
Shamshad Khan  BA (Hons.) (Aligarh), M.A., M.Phil. (Jawaharlal Nehru university, New Delhi), PhD (Simon Fraser University, Canada)
Assistant Professor | Shamshad.khan@umanitoba.ca
Health communication; medical pluralism; community-based research; health equity; critical public health theory; social history of disease and medicine in South Asia; colonialism, postcolonialism and subaltern studies in health; HIV/AIDS prevention in developing countries; Qualitative methods; archival research.

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Cancer epidemiology; migrant health; record linkage; administrative databases

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Clinical Epidemiology, Cost Effectiveness Analysis, Health Systems Research, in the area of Chronic Disease Management Research Director, Chronic Disease Innovation Centre, Seven Oaks Hospital Medical Director of Home Hemodialysis, Seven Oaks Hospital

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Occupational health; hazardous waste toxicology

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Anthropology; first nations; infectious diseases; immunogenetics; social determinants of health; ancient DNA.

Carla Loepky  BEd BHEc (Manitoba), MSc, PhD (Manitoba)
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Child health; FASD; pediatric palliative care; hospice and palliative care in developing countries; postgraduate medical education evaluation.

Keith Lowe  BA Hons. (Saskatchewan), MSc (London School of Economics), PhD (Cambridge)
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National health policy and political analysis; mental health services provision and policies; education research, data and policy; social services, voluntary sector and labour market policies.

Sharon Macdonald  MD
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Dylan Mackay  MSc, PhD, CBDT
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Multiple sclerosis; clinical epidemiology; comorbidity, pediatric MS; health services research; patient-reported outcomes

Lyle McKinnon  PhD (Manitoba)
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HIV immunology; mucosal immunology; epidemiology of HIV in key populations; Kenya; South Africa

Colleen J. Metge  BSc(Pharm) (Alberta), PhD (Maryland)
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Application of Mixed Methods (qualitative/quantitative) to Health Systems/Services Research; Evaluation and Intervention Research; Methods development & modelling; Questionnaire development; Population Health intervention research; Pharmacoepidemiology; Health Economics (cost-effectiveness analysis, pharmacoeconomics); Chronic disease and Pharmaco-epidemiology; Populations: Seniors/older adults, aging

Adrienne Morrow  BSc (MB), MSc (Laval), MD (MB), CCFP, FRCP
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Aboriginal Health; Immunizations; Social Determinants of Health; Medical Education

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Infectious Diseases (with special interest in Tuberculosis); Circumpolar Health; Health care in northern and remote regions; determinants of health in northern peoples.
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Systemic lupus erythematosus, health disparities, outcomes research, rheumatic disease in Indigenous peoples

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Global public health, mathematical modelling, HIV/AIDS prevention

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Cancer; outcomes research; epidemiology; clinical trials; translational research

Gyanendra Pokharel  B.Sc (Tribhuvan University, Nepal), M.Sc. (Tribhuvan University, Nepal), M.Sc. (Wilfrid Laurier University, Canada), Ph.D. (University of Guelph, Canada)
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Biostatistics; Cancer Epidemiology; Bayesian & computational statistics; Infectious disease modelling & surveillance; Spatial and temporal analysis; Statistical learning (e.g., classification, clustering methods)

Brian Postl  MD
Professor and Dean, Max Rady College of Medicine; Dean, Rady Faculty of Health Sciences and Vice Provost Health Sciences | postl@umanitoba.ca
Health administration; child health; aboriginal health

Rasheda Rabbani  BSc and MSc (Statistics) (Bangladesh), PhD (Agricultural Economics) (Japan)
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Research design; Applied Biostatistics; Longitudinal data analysis; Systematic review, Meta-analysis, Trial sequential analysis, and Network meta-analysis with randomized control trials and observational studies

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Demography; HIV/AIDS; India

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Environmental and Genetic Epidemiology of Obstructive Lung Disease, primarily focused on asthma

Jocelyn Reimer  BA, MD, MPH, FRCPC
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Public health practices, sexual and reproductive health, sexually transmitted and bloodborne infections, international health, medical education; drug policy; infectious diseases.

Sushena Reza-Paul  MBBS (India), MPH, DrPH (University of Alabama at Birmingham, US)
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HIV/AIDS, Reproductive Health, Community based research, Global public health, Key populations, Biomedical interventions

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Medical statistics; clinical epidemiology; rheumatology; osteoporosis; rheumatoid arthritis

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Public health; environmental health; health promotion

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Clinical epidemiology; Virtual Health, Home-based therapies for complex diseases; risk prediction; cohort studies; systematic reviews and meta analysis; chronic kidney disease; kidney failure

Nichole Riese  BSc, MSc, MD (Manitoba), CCFP (McMaster)
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Aboriginal health; marginalized populations; medicine of poverty; rural and remote health care delivery; HIV/AIDS

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Pharmacoepidemiology; cancer epidemiology; vaccine effectiveness and safety; machine learning; artificial intelligence.

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Public health

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Maternal and Child Health, Adolescent Pregnancy, Health Care Regulation, Health Service Implementation and Evaluation (Maternity Care), Risk Management, Interprofessional education and practice

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Big data, cohort studies, methods, high-impact research, broader determinants of health
Noralou P. Roos  AB (Stanford), PhD (MIT)
Professor Emerita | noralou_roos@cpe.umanitoba.ca
Research on the broader determinants of health using administrative data

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Public health and preventive medicine; public health law and policy; health law, aboriginal health

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Public health; environmental health; chronic disease and injury prevention

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Sport-related injury; traumatic brain injuries; childhood injury; epidemiology

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Women’s Health; Adolescent girls and young women; Global Sexual and Reproductive Health and Rights; South Africa; Canadian northern rural and remote; HPV & HIV prevention and early treatment; sexually transmitted blood borne infections; Self-testing; Community arts-based approaches; Knowledge translation; sexual health and empowerment.

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Public Health, One Health and One Welfare, Zoonotic diseases

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Research Scientist, MCHP Research Program Manager, Manitoba Métis Federation. Métis health across the lifespan; population health; rural/northern/remote health practice; community-based participatory research.

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Outcome evaluation

Jitender Sareen  BSc (Winnipeg), BSc(Med), MD (Manitoba), FRCP
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Mental health

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Pharmacoepidemiology; Epidemiological studies in population health databases and electronic medical records; health services research, Epidemiology in the ICU

Robert J Schroth  DMD, MSc, PhD (Manitoba)
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Research interests: early childhood caries, early childhood oral health, vitamin D, oral health, Indigenous child health, program evaluation, dental epidemiology

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Mathematical modelling of infectious diseases, HIV/AIDS, HPV, Biostatistics, Multilevel modelling, Bootstrap.

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Public health; communicable disease control; public health law and policy; health law

Harminder Singh  MBBS (New Delhi), MD (New Delhi), MPH (Manitoba), FRCP (Manitoba)
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Gastrointestinal cancers epidemiology and outcomes; gastrointestinal endoscopy outcomes; health services research; clinical epidemiology

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Public health nutrition; food literacy; food security; nutrition epidemiology; community-based research methods.

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Evaluation of Healthcare Services; Evaluation Science; Social Determinants of Health; Aging
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Clinical epidemiology; risk prediction; cohort studies; pharmacoepidemiology; systematic reviews and meta analysis; chronic kidney disease; kidney failure

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Pediatrics; Aboriginal health

Donna Turner  BSc (Victoria), MSc (Calgary), PhD (Alberta)
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Mental health promotion and mental illness; prevention, population level intervention and research, community mental health, housing and homelessness, clinical and community psychology, and implementation science

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Public Health; HIV/AIDS; India

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Public Health surveillance; Epidemiology of infectious diseases and outbreaks; Immunizations

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Health Care Administration

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Environmental epidemiology, health disparities, systematic review, and health services research

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Assistant Professor  yubn@umanitoba.ca
Applied epidemiology; obesity epidemiology; population health survey; tobacco morbidity; mental health and psychiatric epidemiology; behavioral risk factors for chronic diseases

Farzad Zaerpour  Ph.D.
Assistant Professor  f.zaerpour@uwinnipeg.ca
Health services research; Healthcare operations research; Optimization; Mathematical modelling; Simulation

Ryan Zarychanski  BSc, BSc (Med.), MD, MSc (Ottawa), FRCPC
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Randomized trials, systematic reviews/meta-analysis, hematology; critical care; transfusion medicine

Support Staff - Departmental

Paulette Collins  - Department Administrator
Karen Cook  - Co-Lead, Office of Community Engagement, Rady Faculty of Health Sciences; Project Manager, Community Engagement

Henry Dyck  - Information Technologist
Don Erickson  - Information Technologist
Princess Fernandez  - Finance Officer

Liam Fullerton  - WISH Clinic Facilitator
Shelly Goodacre  - Undergraduate Program Coordinator
Theresa Kennedy  - Graduate Program Coordinator

Alison McAulay  - Graduate Program Assistant; Public Health & Preventive Medicine Residency Program Assistant

Ceilidh Miller  - Undergraduate Medical Education Office Assistant

Jennifer Otisi-Didi  - Community Engagement Assistant

Nora Platte  - Financial Accountant
Maryam Razzaq  - Manitoba Training Program Coordinator
Amanda Rowan-Krivia  - Financial and Human Resource Assistant

Shannon Turczak  - Executive Assistant to Department Head
Financial Overview

CHS faculty members continue to be successful in receiving new grants and contracts. Department members were successful in obtaining 69 new research grants and contracts in the 2019/2020 fiscal year, with a total value of approximately $27 million. There are also 145 grants and contracts continuing with a total value of approximately $217 million.

The operating funds received support the undergraduate, graduate and resident teaching programs and the general operation of CHS.

The success of grant and contract funding across CHS enables researchers to hire staff to support their work. The following graph shows the number of academic, biweekly, and hourly staff that CHS provides payroll for over the last eight years. Note: support staff hired through IGPH, MCHP or MFUS are not included.

![Staff Counts Graph](image-url)

Academic, Biweekly and Hourly CHS Staff counts
CHS Organisation Chart
Department of Community Health Sciences
Max Rady College of Medicine,
Rady Faculty of Health Sciences
Faculty and Staff Awards

Tracie Afifi
2018-19 Canadian Institutes of Health Research (CIHR) Gold Leaf Prize for Early Investigator. The CIHR Gold Leaf Prizes are among the highest honours that can be bestowed on an individual or team for excellence in health research and its translation into benefits for Canadians. Each CIHR Gold Leaf Prize has a value of $100,000.

2020 Recipient of the Alexander Leighton Award in Psychiatric Epidemiology. This award was created in honour of Professor Alex Leighton, a pioneer and leader of Canadian psychiatric epidemiology. Its purpose is to recognize a person or group that has contributed significantly to the advancement of Canadian psychiatric epidemiology through innovative studies, methods development, teaching or knowledge transfer. It can relate to lifelong activities or to a recent significant achievement. This is a joint award from the Canadian Psychiatric Association and the Canadian Academy of Psychiatric Epidemiology.

Marni Brownell
Received the Geoffrey C. Robinson Award from the Canadian Pediatric Society, recognizing outstanding contributions to child and youth health through research in the field of population health or health services research. (awarded June 6, 2019 at the annual conference of the Canadian Pediatric Society, Toronto, ON).

Melinda Fowler
Citation award with Manitoba Society of Occupational Therapist 2019.

Indigenous Faculty Award of Excellence: Junior Trailblazer 2020.

Lisa Lix
Received the International Society for Quality of Life Research, Outstanding Article of the Year Award, Third Place (with Dr. Richard Sawatzky and others) for: The use of latent variable mixture models to identify invariant items in test construction, 2019.

Alyson Mahar
Early Career Investigator Award (Travel), Institute of Cancer Research, Canadian Institutes of Health Research 2019.

Salah Mahmud
Elected to the Royal Society of Canada College of New Scholars in 2017.

Recipient of a Tier 2 Canada Research Chair (CRC) in pharmacoepidemiology and vaccine evaluation, first awarded from 2012-2017, ($500,000), and renewed in 2017 for an additional 5 years, (2017-2022, $500,000).

Pierre Plourde
Clinical Educator of the Year Award for Post-Graduate Resident Education, Department of Medical Microbiology & Infectious Diseases (2019).

Nominated for Teacher Award – Best Teaching in Small Group Setting, Medicine I.

Nominated for Teacher Award – Innovation, Medicine I.

Nominated for Teacher Award – Inspiration, Medicine I.

Nominated for Teacher Award – Mentorship, Medicine I.

Nominated for Teacher Award – Best Teaching in Small Group Setting, Medicine II.

Nominated for Teacher Award – Innovation, Medicine II.

Nominated for Teacher Award – Inspiration, Medicine II.

Nominated for Teacher Award – Mentorship, Medicine II.
Education and Training Programs

Undergraduate Studies Program

- Dr. Javier Mignone, Director
- Shelly Goodacre, Program Coordinator
- Alisa Claman and Karen Holmes, Academic Advisors

Directorship

We are pleased to announce the appointment of Dr. Javier Mignone, as Director of the Undergraduate Program and Chair of the Undergraduate Committee effective January 1, 2020. Sincere thanks and appreciation goes to the outgoing Director and Chair, Dr. Kerstin Roger, who has served in these roles over the past five years. Dr. Roger’s leadership and contributions to the Family Social Sciences Program and curriculum are greatly acknowledged and appreciated.

Course Curriculum

While students currently enrolled in the Family Social Sciences Program will continue with their degree, effective September 1, 2018 admissions to the Family Social Sciences Program ceased.

Family Social Sciences is an innovative program that appeals to students who are interested in a career helping others through prevention, education and health promotion. Students learn how family, community and culture impacts human health and well-being. It is a four-year, 120 credit hour program with five specializations for students to choose from, which they declare in their third year:

- Family Violence
- Aging and Developmental Health
- Child and Youth Developmental Health
- Family Economic Health
- Social Development

Family Social Sciences is also instrumental to the IHP Program (Interdisciplinary Health Program) by delivering four (4) of its core courses to the Bachelor of Health Sciences (BHSc) and Bachelor of Health Studies (BHSt) degree programs. The remaining FMLY curriculum is used as electives or concentration electives in the Bachelor of Health Studies Degree’s three specialized concentrations; 1) Family Health, 2) Health Policy, Planning and Evaluation, and 3) Health Promotion and Education

The IHP is a joint program between the Rady Faculty of Health Sciences and the Faculties of Arts and Science. The BHSc focusses on health and the inclusion of social aspects of health in the core curriculum to build the knowledge and prerequisites for entry into health-related fields of study and employment. The BHSt degree focuses primarily on the social science aspects of health in their content and programming, providing a foundation for careers in healthcare teams, and community health management and education.

Course Curriculum Committee

Drs. Karen Duncan and Javier Mignone, and Linda Diffey will serve on the newly formed Course Revision Curriculum Committee of the IHP (Interdisciplinary Health Program).

Course Delivery

Summer Term 2019

From May 6, 2019 to August 9, 2019, 17 FMLY courses were delivered to a total of 629 students. In keeping with the University of Manitoba’s strategic plan to provide students with flexible learning opportunities, 8 of these courses were delivered online, reaching 332 of the 629 students.

Fall 2019

From September 8, 2019 to December 8, 2019 the Undergraduate Program delivered 18 FMLY courses to a total of 1,311 students. While using the best of online learning technologies available, and providing students with flexible learning opportunities, in keeping with the University of Manitoba Strategic Plan (2015-2020), 4 of these courses were delivered online, reaching 448 of the students. Note: The number of student enrollment represents a slight increase over 2018.

Field Placement Course

For 2019/2020, 19 students (10 FSS and 8 IHP) have been placed at 15 community organizations. For over 30
years, the Field Placement course (FMLY 4300) has been an integral part of the Program. This 6 credit hour course requires students to complete 120 hours of supervised work in a professional setting, providing an opportunity for students to apply knowledge in a professional setting. Students are placed at a wide range of sites including frontline activities, research activities, program delivery, and program development and evaluation. This learning opportunity would not be possible without the ongoing relationships and collaborations with our community partners. On April 9, 2019 a year end meeting and celebration was attended by community partners, students, and faculty at Fort Garry campus.

Winter 2020
The Undergraduate Program delivered 17 FMLY courses to a total of 1,322 students. In providing students with flexible learning opportunities, 6 of these courses were delivered online, reaching 603 of the 1,322 students. Note: The number of student enrollment represents a slight increase over 2019.

Red River College Partnership
The Interdisciplinary Health Program (IHP) has decided to not seek a new articulation agreement between The University of Manitoba (UM) and Red River College (RRC). It will be replaced by having a special category of admissions for RRC students from three programs that would entail RRC students to have up to 30 credit hours to use for transfer credit, reserving five spots for RRC students. The Department values its partnership with RCC and its students, and will continue to monitor this process.

Undergraduate Education Committee
Membership:
- Javier Mignone (Director, Undergraduate Program and Committee Chair)
- Sharon Bruce (CHS Department Head)
- Mark Nachtigal (Director, IHP Program)
- Joan Durrant (full-time CHS faculty)
- Shahin Shooshtari (full-time CHS faculty)
- Alyson Mahar (full-time CHS faculty)
- Tammy Taillieu (full-time CHS instructor)
- Audrey Swift (full-time CHS instructor)
- Alisa Claman (academic advisor)
- Tamera Froese (FSS student representative)
- Jamela Foronda (IHP student representative)
- Brooklyn Gigolyk (IHP student representative)

Awards
The Betty Morton Christian Scholarship in the amount of $3,975.00 was awarded to Sheridan Oswald, a third year Family Social Sciences student.

Graduation
Congratulations to 17 students who graduated from the Family Social Sciences Program in May 2019.

Undergraduate Medical Education Program (Ugme)
- Dr. Joss Reimer, Director of Evaluation
- Dr. Davinder Singh, Director of Curriculum
- Dr. Joel Kettner, Assistant Director, Public Health Rotation
- Chelsea Jalloh, CHS UGME Education Coordinator
- Ceilidh Miller, CHS UGME Office Assistant

Program Leadership
The Department of Community Health Sciences welcomed Dr. Davinder Singh as the Director of Curriculum CHS UGME on May 1, 2019. Dr. Singh and Dr. Joss Reimer, Director of Evaluations CHS UGME, share leadership of the undergraduate medical education (UGME) program for the department. This year we also bid a fond farewell to Dr. Adrienne Morrow who served as the Director of CHS UGME Clerkship from August 2014 - July 2019. Dr. Morrow was a tremendous asset to the CHS UGME Team and we wish her all the best with her work with Doctors Without Borders.

Pre-Clerkship
The pre-clerkship Population Health course runs longitudinally throughout the academic year for the first and second year UGME students. The goal of the pre-clerkship course content is to provide a broad framework of knowledge on measuring and improving the health of individuals and populations. Lectures, Lectures -Active (involving interactive formats such as panel discussions, debate, and role plays), assigned studies, and small group learning are organized into units throughout the courses. Year 1 Population Health includes units on concepts of health and its determinants, assessing and measuring population health status, health promotion and disease prevention, administration of effective health programs at the population level, and infectious disease and outbreak management. Year 2 Population Health builds upon the foundational concepts in year 1 and includes units such as statistics and critical appraisal, environmental and
occupational health, and a number of specific populations & topics including a unit on stigmatized conditions (e.g., psychoactive substance use, intimate partner violence, homelessness), a unit on gender and sexual health (e.g., gendering perspectives, healthy sexuality, 2SLGBTQ+ health), and a unit on global health (e.g., immigrant and refugee health, health systems in other countries, and war, conflict, and health).

The CHS UGME program relies on the expertise and energy of many CHS faculty, community partners, and University of Manitoba faculty and instructors to effectively deliver our content. As an example, during the 2019/2020 academic year upwards of 50 instructors participated as instructors for small group sessions. Sincere thanks to everyone who has been involved in teaching in the pre-clerkship Population Health courses!

**Clerkship**

**Public Health Rotation**

The Public Health rotation takes place in the format of a combined Family Medicine/Public Health rotation. This rotation involves a number of didactic sessions in Winnipeg prior to the clinical component of the rotation taking place in various communities throughout Manitoba. Didactic sessions include:

- Introduction to Public Health
- Community Health Assessment
- Public Health Hot Topic
- Winnipeg Regional Health Authority: Role of the Regional Medical Officer of Health/Health Promotion
- Manitoba Health, Seniors and Active Living: Links between Community Practice and Public Health
- Office of Disaster Management: Emergency Preparedness and Response

During the clinical component of their Family Medicine rotation, students participate in an online Public Health discussion forum to reflect upon connections between their experiences delivering primary care and Population Health topics such as the built environment, social issues impacting on the health of the community, and a change they would recommend that could improve the health of their community.

**Physician Development Curriculum (PDC)**

Third year undergraduate medical students re-convene from their various rotations every Thursday afternoon to participate in the Physician Development Curriculum (PDC). PDC focuses on CANMEDS physician roles other than the clinical expert, such as scholar, communicator, collaborator, and advocate. CHS UGME oversees two series of PDC sessions: The Health Equity Series (2 sessions) and the Health Advocacy Series (7 sessions).

During the Health Advocacy series, students learn about physician advocacy at the policy level. Sessions include topics such as written communication and advocacy, media training, oral communication and “elevator pitches”, a simulation of presenting to government, and a session on advocacy in Indigenous Health delivered in collaboration with the Indigenous Health course. The Health Advocacy series culminates with small groups of students presenting a briefing note and cover letter to advocate for a policy change they believe would make a significant impact on the health of Manitobans.

The 2018/2019 academic year is the second year in which the Department of Community Health Science has offered an award competition for these small group advocacy projects. For the Class of 2020, the CHS Health Advocacy Award has been presented to Doris Cheung, Jovana Djordjevic, Hongru Ren, Carmen Tse, and Jason Zou. Based on student observations during their Internal Medicine rotations, this group project addressed a health inequity regarding people requiring gynecological procedures. Students compiled evidence regarding a lack of opportunities for Internal Medicine residents to develop or maintain competencies with gynecological procedures, and outlined potential consequences such as delays in care if patients must be referred to Gynecology for common procedures such as pelvic examinations. Students advocated for a revision to the Internal Medicine resident program to include a review course on Obstetrics and Gynecology, to ensure that appropriate rooms and equipment are available to support these procedures, and to track the number of pelvic exams completed on the ward.

**Congratulations to the winning project for the Class of 2020!**

Members of the Class of 2020 winning team: Hongru Ren, Jason Zou, Carmen Tse and Doris Cheung (not pictured: Jovana Djordjevic)
Service Learning & Community Partners

The CHS UGME program is very grateful for the continuing community partnerships that make invaluable contributions to the education of students in the UGME program. In addition to community partner organizations, multiple independent individuals share their expertise and experiences with the students through guest lectures, participating on panels, and leading small group sessions. The following list acknowledges with gratitude many of the partner organizations involved in delivering CHS UGME curricular content during 2019/2020:

- Aurora Family Therapy Centre
- BridgeCare Primary Care Clinic
- Community Engaged Learning - University of Manitoba
- Independent Living Resource Centre
- Interdisciplinary Master’s Program in Disability Studies - University of Manitoba
- Government of Manitoba, Disability Issues Office
- MFL Occupational Health Centre
- Mosaic Newcomer Family Resource Centre
- Rainbow Resource Centre
- Sexuality Education Resource Centre
- Sex Workers of Winnipeg Action Coalition
- Teen Talk
- Winnipeg Harvest
- Women’s Health Clinic
- WRHA Healthy Sexuality & Harm Reduction
- WRHA Language Access Interpreter Services

This year marked the fourth year of service learning as a curricular component of the pre-clerkship Population Health courses. Over 35 community-based organizations worked closely with ~215 first and second year students on service learning initiatives. For a more detailed description of Service Learning and a full list of community partner organizations please see the report from the Office of Community Engagement.

Accreditation

The Max Rady College of Medicine underwent a rigorous accreditation review in April 2019. Leading up to the accreditation review, which takes place every eight years, significant time and resources were invested in reviewing, improving, and documenting multiple components of the CHS UGME program. This process included consultations with students and faculty, including a Town Hall meeting, and a thorough review of the pre-clerkship and clerkship Population/Public Health UGME curricula and evaluations. The CHS UGME program review culminated with a document outlining strengths, areas of further development, and changes that had been made/will be made to address these areas of development. The Max Rady College of Medicine passed the accreditation review with strong results; UM Today described that these results were “one of the most positive results nation-wide since new accreditation standards were implemented in 2013” (UM Today, November 13, 2019). The next accreditation review will take place in 2027-2028. Thank you to all of the individuals involved in working towards the success of the 2019 accreditation review!

Further details about the accreditation process and results can be found at: http://umanitoba.ca/faculties/health_sciences/medicine/accreditation/index.html
Knowledge Sharing

A number of CHS UGME initiatives were shared at both local and national conferences:


Graduate Program

- **Dr. Michelle Driedger**, Director
- **Theresa Kennedy**, Program Coordinator
- **Alison McAulay**, Program Assistant
- **Jennifer Otisi-Didi**, Program Assistant.

History and Objectives

The Graduate Program is one of four educational programs of the Department of Community Health Sciences. The Graduate Program is under the supervision of a Director, who reports to the Department Head. As is the practice in most graduate programs in Canada, there is a dual reporting relationship from the Department Head to the Deans of the Faculty of Graduate Studies and of the Rady Faculty of Health Sciences.

The first Director of the Graduate Program in Community Health Sciences was Dr. David Fish, formerly Head of the Department of Social and Preventive Medicine. He shepherded the program through its formative years from 1989 to 1992. Dr. Fish was succeeded by Drs. Joseph and Patricia Kaufert (1992 - 1994), Dr. Linda Garro (1994 - 1997), Dr. Kue Young (1997 - 1999), Dr. Thomas Hassard (2000 - 2002, 2004), Dr. Robert Tate (2003, 2005 to 2012), Dr. Evelyn Forget (2012-2014), Dr. Verena Menec (2014 to 2017) and Dr. Michelle Driedger (2017 to present).

The graduate program has grown rapidly since its formal inauguration in 1989 with 14 MSc and 3 PhD students. The thesis based MSc and PhD degrees were offered in 1989; the first two graduates of the program received their MSc degrees in 1992 and the first PhDs graduated in 1994. A Diploma in Population Health (one year course-based degree) began in 2000, and a public health practice-oriented Masters of Public Health (MPH) was introduced in 2006.

At any one time, there are some 100 full-time, part-time and occasional students in the program, making CHS one of the largest graduate studies programs in the Max Rady College of Medicine.

The diversity of interests of our students is reflected through the titles of their thesis projects. A listing of MSc and PhD thesis and MPH field placement titles of students graduating from Community Health Sciences over the past ten years is available to highlight this range of topics.

The objectives of the Graduate Program are to:

1. prepare individuals for both applied and research positions in government and health institutions;
2. prepare individuals through the PhD program for teaching and research careers in universities;
3. generate and disseminate new knowledge in the field of community health sciences.

Graduate Degree Programs

The Department of Community Health Sciences offers three Graduate Degree Programs:

- Doctor of Philosophy (PhD)
- Master’s of Science (MSc)
- Master’s of Public Health (MPH)

Highlights

Thirty-two students were offered admission to the CHS Graduate Program in 2019/2020 and Twenty-four students accepted, with 4 students deferring entry to Winter/Fall 2019.

- 12 PhD students (13 offers were made)
- 12 MSc students (17 offers were made)
- 0 MPH students (2 offers were made)
- 0 Diploma program students (0 offers were made)
With these new additions to the student body, our program numbers (at the time of Fall 2019 start) include a total of 103 students: 38 PhD, 56 MSc, 7 MPH, 0 FSS, and 0 Diploma. We also have 1 PhD IIS and 1 MSc IIS student with CHS as the home department.

Forty-one students were recommended for admission to the CHS graduate program for the 2020/2021 year: 9 for the PhD program, 28 for the MSc program, 4 for the MPH program, and none in the Diploma program. Of note, there had been an applicant for the MPH program that did not meet the criteria for the MPH program but met the criteria for the MSc program. Following consultation with the student, an offer was made for the MSc program. The offer was later declined.

Thirty-three students held awards, of which seven held more than one award.

Twenty-four graduate program students completed programs in the past 12 months. This includes two PhD (one being PhD IIS), seventeen MSc and five MPH graduates.

### Graduate Program Committee Membership
- Michelle Driedger, Director, Graduate Program and Committee Chair
- Stephen Moses, Head (April 1, 2019 – December 31, 2019) / Sharon Bruce, Head (from January 1, 2020)
- Brent Roussin (Director, Public Health and Preventive Medicine (PHPM) Residency Program (April 1, 2019 – June 30, 2019); Davinder Singh, Director, Public Health and Preventive Medicine (PHPM) Residency Program (from July 1, 2019)
- Tracie Afifi (full-time CHS faculty)
- Karen Duncan (full-time CHS faculty)
- Deborah McPhail (full-time CHS faculty)
- Mahmoud Torabi (full-time CHS faculty)
- Colleen Metge (part time CHS faculty)
- Rasheda Rabbani (part time CHS faculty)
- Leah Crockett / Isabel Garces (student representatives, Graduate Program)
- Peter Benoit (student representative, PHPM residency program to June 30, 2019; PHPM representative vacant July 1, 2019 – March 30, 2020)

### Awards – New and Continuing

<table>
<thead>
<tr>
<th>Award</th>
<th>Recipient</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIHR CGS-D Frederick Banting and Charles Best Canada Graduate Scholarships (CGS-Doctoral)</td>
<td>Anthony Huynh (continuing); Leah Crockett (continuing)</td>
</tr>
<tr>
<td>CIHR CGS-M Frederick Banting and Charles Best Canada Graduate Scholarships (CGS-Masters)</td>
<td>Alexandria Anderson (new); Barrett Monchka (new)</td>
</tr>
<tr>
<td>Tri-Council Top Up Award to CIHR CGS-M</td>
<td>Alexandria Anderson (new); Barrett Monchka (new)</td>
</tr>
<tr>
<td>David G. Fish Memorial Scholarship</td>
<td>Lindsay Allen (new)</td>
</tr>
<tr>
<td>Evelyn Shapiro for Health Services Research</td>
<td>Susan Burchill (new); Janelle Boram Lee (new); Krista Wilkinson (new)</td>
</tr>
<tr>
<td>Graduate Enhancement of Tri-Council Stipends (GETS)</td>
<td>Lisette Dansereau (new)</td>
</tr>
<tr>
<td>Greene Memorial Fellowship</td>
<td>Zoe Regalada (new)</td>
</tr>
<tr>
<td>Joan and Dean Sandham Award in Indigenous leadership</td>
<td>Wanda Phillips (new)</td>
</tr>
<tr>
<td>John (Jack) MacDonald Lederman and John MacDonell bursary</td>
<td>Chinyere Njeze (new)</td>
</tr>
<tr>
<td>Lois Brockman Graduate Student Thesis Research Award in the Area of Child Development</td>
<td>Janelle Boram Lee (new)</td>
</tr>
<tr>
<td>Manitoba Graduate Scholarship (MGS) Masters</td>
<td>Md Abu Hasan (continuing)</td>
</tr>
<tr>
<td>Manitoba Training Program for Health Services Research</td>
<td>Emily Brownell (new); Priscilla Ferreira da Silva (new); Sara Filiatreault (new)</td>
</tr>
<tr>
<td>Award</td>
<td>Recipient</td>
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</tr>
<tr>
<td>Manitoba Training Program for Health Services Research</td>
<td>Emily Brownell (new); Priscilla Ferreira da Silva (new); Sara Filiatreault (new)</td>
</tr>
<tr>
<td>Master’s Award for Indigenous Students</td>
<td>Alexandrea Anderson (new); Kayla Villebrun-Normand (new)</td>
</tr>
<tr>
<td>Research Manitoba / Children’s Hospital Research Institute of</td>
<td>Samantha Salmon (new)</td>
</tr>
<tr>
<td>Manitoba Master’s Studentship</td>
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<tr>
<td>Roos Prize for Best Publication in Population Health</td>
<td>Krista Wilkinson (new)</td>
</tr>
<tr>
<td>SSHRC Doctoral Joseph-Armand Bombardier Canada Graduate Scholarship</td>
<td>Leah Goertzen (new)</td>
</tr>
<tr>
<td>SSHRC CGS Masters Joseph-Armand Bombardier Canada Graduate Scholarship</td>
<td>Kayla Villebrun-Normand (new)</td>
</tr>
<tr>
<td>Top up award to SSHRC CGS Masters by FGS</td>
<td>Kayla Villebrun-Normand (new)</td>
</tr>
<tr>
<td>SPECTRUM fellowship</td>
<td>Shannon Struck (new)</td>
</tr>
<tr>
<td>Tri-Council Master’s Supplement Award (year two of</td>
<td>Lindsay Allen, CIHR CGSM (new); Jared Star, SSHRC CGSM (new)</td>
</tr>
<tr>
<td>Tri-Council award (CIHR or SSHRC)</td>
<td></td>
</tr>
<tr>
<td>University of Manitoba Graduate Fellowships (PhD)</td>
<td>Sarah Turner (continuing), Lisette Dansereau (continuing); Maria Garces (continuing); Anita Durksen (continuing)</td>
</tr>
<tr>
<td>University of Manitoba Graduate Fellowships (MSc)</td>
<td>Victor Lee (new); Kun Liu (new); Dorian Ospina Galeano (new); Mona Mohammadnia (continuing)</td>
</tr>
<tr>
<td>Visual and Automatic Disease Analytics (VADA) Training Program</td>
<td>Alexandrea Anderson (new); Barrett Monchka (new); Azizur Rahman (new); Ruiyan Yao (new); Naomi Hamm (continuing); Shamsia Sobhan (continuing)</td>
</tr>
<tr>
<td>Wu, Sir Gordon (scholarship)</td>
<td>Sheila Novek (continuing)</td>
</tr>
</tbody>
</table>
Awards - Graduated Students

Twenty-four graduate program students completed programs in the past 12 months. This includes seventeen MSc, two PhD (one being PhD IIS) and five MPH graduates. A listing of students with relevant information appears below.

<table>
<thead>
<tr>
<th>Students</th>
<th>Program</th>
<th>MSc &amp; PhD Thesis / MPH Title, Field Placement Agency &amp; Location</th>
<th>Defense / Presentation Date*</th>
<th>Advisor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jordyn Lerner</td>
<td>MPH</td>
<td>Supporting Healthy Built Environments among Front-Line Public Health Staff in the WRHA: Challenges and Opportunities</td>
<td>March 10, 2020</td>
<td>Dr. M. Driedger, Dr. D. Singh, Field Placement Supervisor: Dr. Lisa Richards, Medical Officer of Health, WRHA</td>
</tr>
<tr>
<td>Silvia Juliana Leon Mantilla</td>
<td>MSc</td>
<td>Impact of ACEi/ARB Discontinuation after an Episode of Hyperkalemia in Patients with Chronic Kidney Disease. A Population-Based Cohort Study</td>
<td>March 10, 2020</td>
<td>Dr. N. Tangri</td>
</tr>
<tr>
<td>Sanjida Newaz</td>
<td>MSc</td>
<td>Exploring Mental Healthcare Needs and Challenges of Syrian Refugee Women in Winnipeg</td>
<td>February 24, 2020</td>
<td>Dr. N. Riediger</td>
</tr>
<tr>
<td>Alexander Villafranca</td>
<td>PhD IIS</td>
<td>The Role of Authentic Choices in Medical Consent</td>
<td>December 18, 2019</td>
<td>Dr. M. Doupe / Dr. A. Schafer</td>
</tr>
<tr>
<td>Oluwagbenga Fakanye</td>
<td>MSc</td>
<td>Geographical Variation and Factors Associated with Gastric Cancer in Manitoba</td>
<td>December 18, 2019</td>
<td>Dr. M. Torabi</td>
</tr>
<tr>
<td>Alexie Touchette</td>
<td>MSc</td>
<td>Understanding Current Fall Prevention Program Design in Community-Based Exercise Programs for Older Adults in Canada</td>
<td>December 9, 2019</td>
<td>Dr. K. Sibley</td>
</tr>
<tr>
<td>Justin Dyck</td>
<td>MSc</td>
<td>Spatial Analysis of Ischemic Heart Disease in Manitoba</td>
<td>November 27, 2019</td>
<td>Dr. M. Torabi</td>
</tr>
<tr>
<td>Sarah Lesperance</td>
<td>MSc</td>
<td>Exploring Income Security Offered Through Primary Care: A Mixed-Methods Process Evaluation</td>
<td>November 14, 2019</td>
<td>Dr. A. Katz</td>
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<tr>
<td>Allison Feely</td>
<td>MSc</td>
<td>Dynamic Classification for Administrative Health Data Case Definitions: Application to Juvenile Arthritis</td>
<td>October 29, 2019</td>
<td>Dr. L. Lix</td>
</tr>
<tr>
<td>Mohammed Anwar</td>
<td>MSc</td>
<td>A Realist Analysis of Streaming Interventions in Emergency Departments</td>
<td>September 12, 2019</td>
<td>Dr. S. Kreindler</td>
</tr>
<tr>
<td>Nasrin Chowdhury</td>
<td>MSc</td>
<td>Examining Prescription Opioid Use, Misuse and Use Disorders for Association with Socio-demographic Predictors, BMI, Suicidal Behaviour and Health Services Use in the US Adult Population</td>
<td>September 4, 2019</td>
<td>Dr. R. Ahmed</td>
</tr>
<tr>
<td>Yixiu Liu</td>
<td>MSc</td>
<td>Study of Quality-of-Life Trajectories at Late Life: Impact of Statistical Models and Study Design</td>
<td>August 16, 2019</td>
<td>Dr. D. Jiang</td>
</tr>
<tr>
<td>Students</td>
<td>Program</td>
<td>MSc &amp; PhD Thesis / MPH Title, Field Placement Agency &amp; Location</td>
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<td>Advisor(s)</td>
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</tr>
<tr>
<td>Daniel Omolola</td>
<td>MSc</td>
<td>An Evaluation of Seven Oaks School Division SO Healthy SO Active (SASH) Pilot Project</td>
<td>August 16, 2019</td>
<td>Dr. J. Mignone</td>
</tr>
<tr>
<td>Murdoch Leeies</td>
<td>MSc</td>
<td>The Clinical Utilization of Intravenous Immune Globulin in Patients with Septic Shock: A National Census and Retrospective Cohort Study</td>
<td>August 15, 2019</td>
<td>Dr. R. Zarychanski</td>
</tr>
<tr>
<td>Suzanne Robertson</td>
<td>MSc</td>
<td>Families Being Heard: Indigenous Mother’s Experiences with the Child Welfare System in Manitoba</td>
<td>August 8, 2019</td>
<td>Dr. A. Hatala</td>
</tr>
<tr>
<td>Lisa Lazarus</td>
<td>PhD</td>
<td>In Search of Success: The Politics of Care and Responsibility in a PrEP Demonstration Project Among Sex Workers in India</td>
<td>August 1, 2019</td>
<td>Dr. R. Lorway</td>
</tr>
<tr>
<td>Jahidul Islam</td>
<td>MSc</td>
<td>Validation of a Service Questionnaire Tool Measuring Respect, Culture, Empowerment and Outcome</td>
<td>July 31, 2019</td>
<td>Dr. J. Mignone</td>
</tr>
<tr>
<td>Peter Benoit</td>
<td>MPH</td>
<td>Primary Care and Public Health: Friends, Foes, or Frenemies?</td>
<td>July 30, 2019</td>
<td>Dr. Richard Rusk, Dr. Michelle Driedger, Jami Neufeld BN, MPH; Field Placement Supervisor: Margaret Haworth-Brockman, Senior Program Manager, NCCID</td>
</tr>
<tr>
<td>Michael Paillé</td>
<td>MSc</td>
<td>The Epidemiology of Treatment-Resistant Depression in Manitoba: A Retrospective Cohort Study Using Administrative Health Data</td>
<td>July 19, 2019</td>
<td>Dr. N. Nickel</td>
</tr>
<tr>
<td>Charity Maritim</td>
<td>MSc</td>
<td>HIV Care and Support Services and the Treatment Outcomes of Newcomers Living with HIV in Manitoba</td>
<td>June 24, 2019</td>
<td>Dr. M. Becker</td>
</tr>
<tr>
<td>Francois Cholette</td>
<td>MPH</td>
<td>Expanding Sexually Transmitted and Bloodborne Infection Testing from Dried Blood Spot Specimens for the Tracks Enhanced Surveillance System</td>
<td>June 20, 2019</td>
<td>Dr John Kim, National Microbiology Laboratory, Dr. Kathryn Sibley, Dr. Michelle Driedger</td>
</tr>
<tr>
<td>Stephanie Monkman</td>
<td>MSc</td>
<td>Estimating the Completeness of Physician Billing Claims: An Application of Three-Source Capture-Recapture Methods</td>
<td>May 16, 2019</td>
<td>Dr. L. Lix</td>
</tr>
<tr>
<td>Kelly Brown</td>
<td>MPH</td>
<td>Development of Plain Language Factsheet on Antibiotic Resistance for Northern Rural Communities in Canada</td>
<td>May 8, 2019</td>
<td>Dr. R. Tate, Dr. L. Elliott, Field Placement Supervisor: Harpa Isfeld-Keily, Senior Project Manager and Margaret Haworth-Brockman, Senior Program Manager, NCCID</td>
</tr>
<tr>
<td>Lea Salazar</td>
<td>MPH</td>
<td>The NCCID Experience: Incorporating Coursework in Addressing the Rising STBBI Rates in Canada through Partnership Building and Knowledge Sharing</td>
<td>April 18, 2019</td>
<td>Dr. R. Tate, Dr. L. Elliott, CHS; Field Placement Supervisor: Margaret Haworth-Brockman, Senior Program Manager, NCCID</td>
</tr>
</tbody>
</table>

*The date reported refers to the actual defense/presentation date. Occasionally there are delays and/or revisions that may affect a student’s graduation date. All students listed above reflect all those who have finalized all degree requirements for the reporting year.
Public Health and Preventive Medicine Residency Program (PHPM)

- **Dr. Davinder Singh**, Director until May 31, 2020
- **Dr. Lisa Richards**, Director as of June 1, 2020
- **Alison McAulay**, Program Administrator

The Public Health and Preventive Medicine Residency Program (PHPM) was first established in 1979 and is five years in duration. It is a postgraduate medical specialty training program, accredited by the Royal College of Physicians and Surgeons of Canada, and leads to the fellowship certification (FRCPC).

In the residents’ first and second years, they are on off-service rotations in surgery, emergency medicine, family medicine, pediatric emergency, internal medicine, psychiatry, obstetrics and gynecology. These rotations focus on their clinical training and lead to certification in family medicine (CCFP) by the College of Family Physicians of Canada. The third year is an academic year where the residents complete graduate course work in Community Health Sciences, leading to either a Master of Public Health (MPH) or a Master of Science (M.Sc.) degree. In the residents’ fourth and fifth years, the emphasis is on core Public Health rotations. During this time, residents focus on the six core functions of Public Health: epidemiology and surveillance, population health assessment, injury and disease prevention, health promotion, health protection, and emergency preparedness and response. To learn about these functions, residents work in urban and rural settings with various organizations, including Manitoba Health, Seniors and Active Living, Regional Health Authorities in Manitoba, Workplace Safety and Health, Cadham Provincial Laboratory, and the First Nations and Inuit Health Branch of Indigenous Services Canada. Residents also have time for electives and work with various local, provincial, and federal organizations.

The PHPM program is working on moving into Competency Based Medical Education (also referred to as Competency by Design or CBD) which is scheduled to be implemented July 1, 2022. The PHPM program is also preparing for the next Royal College accreditation, which is scheduled for all Postgraduate Medical Education programs at the University of Manitoba in November 2021.

Dr. Lisa Richards took over as Program Director on June 1, 2020. Dr. Richards is a Medical Officer of Health for the Winnipeg Regional Health Authority (WRHA). She specializes in health promotion and environmental health. Dr. Davinder Singh stepped down as Director of the PHPM Residency Program on May 31, 2020 to take on new challenges. Along with the support of the Residency Programming Committee, he helped keep the program on track during the initial phases of the COVID-19 pandemic and ensure preparation continued for accreditation.

Earlier this year, the program received an extremely positive evaluation of its learning environment from the Postgraduate Medical Education Office. This is a reflection of the incredible support it receives from the Department of Community Health Sciences, the amazing preceptors who teach the residents, and the fantastic residents who are in the program. The residency program and department would like to give our sincere thanks to Dr. Singh for the work that he has done this year.

Graduating Residents

- Dr. Natalie Casaclang - R5
- Dr. Sarah Lesperance - R5

Full Time Residents as of 1 July 2019

- Dr. Jordyn Lerner – R5
- Dr. Peter Benoit - R4
- Dr. Shilpa Loewen – R4
- Dr. Eileen Burnett – R3
- Dr. Joshua Aquin – R3
- Dr. Lerly Luo – R2
- Dr. Ali Qadri – R1

Manitoba Training Program for Health Service Research

- **Malcolm Doupe**, Director
- **Maryam Razzaq**, Program Coordinator

The Manitoba Training Program in Health Services Research (MTP-HSR) offers health services research training to graduate students from a range of disciplines, further preparing them to address the research needs of a wide range of healthcare stakeholders.

Students

Thirty-two students applied to the Manitoba Training Program from five University of Manitoba faculties and departments. Six students were accepted into, and successfully completed the Manitoba Training Program coursework. These students are listed as follows with further details provided on our website: http://umanitoba.ca/faculties/health_sciences/medicine/units/chs/mtp/index.html

- Emily Brownell, MSc, Department of Community Health Sciences, Rady Faculty of Health Sciences
- Victoria Charski, MN, College of Nursing, Rady Faculty of Health Sciences
• Priscila Ferreira Da Silva, MSc, Department of Community Health Sciences, Rady Faculty of Health Sciences
• Sarah Filiatreault, PhD, Department of Community Health Sciences, Rady Faculty of Health Sciences
• George Okoli, PhD, College of Pharmacy, Rady Faculty of Health Sciences
• Jacqueline Molina, MN, College of Nursing, Rady Faculty of Health Sciences

Program Content
Students participated in various training events and knowledge translation workshops. In our core seminar course (CHSC 7730), students learned how research evidence can be used to more effectively guide healthcare innovations and reform initiatives. Through ongoing interactions with healthcare planners, students also learned how their own research topic could assist with this process. Four students had abstracts accepted at the Canadian Association of Health Services and Policy Research conference.

Student placements are an essential part of MTP, and three such placements are now underway virtually, in lieu of the COVID-19 pandemic. Placement topics to date include:
• Developing a process for using clinical practice guidelines (CPGs) in Manitoba (Sarah Filiatreault, Shared Health).
• Developing guidelines to help understand: i) when public health nurses should make in-person versus virtual perinatal visits, and ii) the time required to properly conduct such visits (Victoria Charski, Manitoba Health, Seniors and Active Living).
• Establishing a framework to help standardize the process of policy development, implementation and evaluation (Emily Brownell, Manitoba Health, Seniors and Active Living).

The remaining placements may take place in the fall of 2020 pending COVID-19.

Additional Academic Activities
We secured funds in the spring of 2019 to recruit a Postdoctoral Fellow (Dr. Heather Alison Finnegan) for two years via the CIHR Health Systemic Impact Fellowship program. This fellowship is a partnership between the University of Manitoba and Manitoba Health, Seniors and Active Living, and focuses on creating more evidence-informed policy development / evaluation processes.

In December 2019, we received funds to pilot the Manitoba Training Program internationally. Recruitment for this pilot will commence in the fall of 2020, and will focus on nursing home to emergency department care transitions, including international mobility opportunities.

Executive Advisory Board
The Manitoba Training Program Executive Advisory Board met on March 24th with Dr. Lisa Lix as Chair. Board representation includes Manitoba Health, Seniors and Active Living, Shared Health, Community Health Sciences, the Faculty of Graduate Studies, the Colleges of Pharmacy and Nursing and Dr. Stephen Bornstein from Memorial University. Major decisions made by the Executive Advisory Board include:
• Holding a knowledge translation event in the fall of each year to showcase program activities and placement outcomes.
• Reduce the number of program credit hours (from 9 to 6) as a way to help attract students from diverse academic departments.
• Pursue opportunities to more formally recognize students upon completion of the program.

Funding
The Manitoba Training Program and the University of Manitoba is thankful to Manitoba Health, Seniors and Active Living for providing ongoing financial support for this program. We are currently collaborating with our Funders to create a longer-term program contract.

Future Directions
The Director will continue to develop and improve this program with guidance and input from the Executive Advisory Board. Areas of ongoing focus will include:
• Develop strategies to more actively and successfully recruit students from a wider range of University of Manitoba disciplines.
• Continually enhance program content, and develop strategies to further strengthen the linkages between the University and healthcare sector.
• Develop strategies to more formally evaluate the program and its health services research impact.
• Seek additional local and national funding partnerships (e.g., through CIHR) to help augment the current program.
• Establish formal recognition for MTP recipients.
• Develop a range of knowledge translation strategies to help showcase the program and student products.
Dr. Christine Egan Memorial Scholarship

In memory of Dr. Christine Egan (Ph.D./99), who died tragically on September 11, 2001, her family, friends, and estate have established an endowment fund at the University of Manitoba. The purpose of the fund is to perpetuate her values of generosity and caring for others, her commitment to health and education in Nunavut, and to expand opportunities for the Inuit of Nunavut to study nursing by providing scholarship support to promising Nunavut nursing students.

This year’s recipient is: Jena Merkosak

David G. Fish Memorial Scholarship

In memory of Dr. David G. Fish, his family, friends and colleagues have established an endowment fund at the University of Manitoba. The Manitoba Scholarship and Bursary Initiative has made a contribution to this fund. Dr. David G. Fish (1929–2000) was the founding Department Head of the Department of Social/Preventative Medicine at the University of Manitoba. He devoted his career to graduate education and international health. This fund commemorates Dr. Fish, his vision, and his accomplishments and also reflects his interest in research on international health by offering scholarship support for graduate students who undertake research abroad.

This year’s recipient is: Lindsay Allen

Evelyn Shapiro Award for Health Services Research

Professor Evelyn Shapiro has had a long and illustrious career in health services research, particularly in the realm of health policy as it relates to care and provision of services for older adults. She developed Manitoba’s home care program and worked nationally to implement similar programs across Canada. As a lead researcher with the Manitoba Centre for Health Policy, she earned world-acclaim for her innovative and policy-relevant research. Her many accolades include the Commemorative Medal for the 125th Anniversary of the Confederation of Canada, an honorary doctorate degree from the University of Manitoba, and the Canadian Medical Association Medal of Honour (their highest award bestowed on a non-physician). In 2007, Professor Shapiro was named a Member of the Order of Canada.

On the occasion of her retirement, the Evelyn Shapiro Award for Health Services Research was established to support the work of graduate students whose thesis will use the Population Health Research Data Repository. Professor Shapiro continued as a Senior Scholar in CHS until her death in 2010.

This year’s recipients are: Susan Burchill; Janelle Boram Lee; and Krista Wilkinson

Jack A. Hildes Memorial Award

This Fund was established in 1984 by family, friends, and colleagues of Dr. John Arthur (Jack) Hildes to be awarded to a graduating medical student. Additional donations were received in 2000 on the occasion of the 30th anniversary of the J.A. Hildes Northern Medical Unit.

Jack Hildes (1918–1984) received his medical degree at the University of Toronto, followed by postgraduate studies in Internal Medicine, Gastroenterology, and Physiology in England (MRCP 1948) and Canada (FRCP 1949). His work on cold physiology led to many trips to the North (Canada and elsewhere) during which he developed a deep understanding of both the medical needs of circumpolar indigenous peoples and the challenges facing health care workers in remote regions. In 1970, he founded the Northern Medical Unit.

Dr. Hildes was appointed as a Member of the Order of Canada in 1979. In 1983, he received the Dr. and Mrs. Ralph Campbell Outreach Award for meritorious service in outreach activities. In September 1983, Dr. Hildes was presented with the Commissioner’s Award for his outstanding contributions to the improvement of health conditions among people of the North. The nomination for this award was by the Keewatin Regional Council, an all aboriginal assembly. His tireless and selfless patient care in difficult circumstances during the polio epidemic of the early 1950’s was legendary. He received the 1953 City of Winnipeg Man of the Year Award.

This award is presented to a member of the Medicine graduating class who most exemplifies those qualities of humanity, personal discipline, keen curiosity, scientific inquiry, social responsibility, and good citizenship, which enhance a career in medicine and advance health in the community.

This year’s recipient is: Linda Lam
Institute for Global Public Health

James Blanchard, Director

The Department of Community Health Sciences continues to maintain a close partnership with the Institute for Global Public Health (IGPH). CHS continues to provide an academic home to faculty members associated with IGPH, including the provision of academic support, tenure/promotion mentorship, teaching opportunities, opportunities to supervise graduate students, and opportunities for conducting collaborative research. CHS also provides some administrative, financial management, and IT support to IGPH on an as-needed basis. IGPH provides support to CHS in the development of its undergraduate and graduate teaching programs to enhance the incorporation of global public health.

In early 2020, the University of Manitoba approved the evolution of the Centre for Global Public Health (CGPH) into the Institute for Global Public Health (IGPH), a University-sanctioned research institute. The establishment of an Institute for Global Public Health is expected to considerably enhance the activities that have already been advanced by the CGPH. These include:

Enhance collaborative research in global health within the UM – By establishing the Institute, a wider range of interdisciplinary and interprofessional collaborations will be promoted. Whereas the CGPH was primarily embedded within the Department of Community Health Sciences, a faculty-wide Institute will provide a platform to engage core and affiliated faculty members from across the Rady Faculty of Health Sciences, and will enhance collaboration with other faculties from a more cross-cutting administrative platform. The Institute will pro-actively seek a wider base of faculty members and trainees to participate in collaborative research, leveraging the Institute’s global research platforms and resources.

Strengthen global platforms – The Institute will operate under a revised funding model that will allow it to strengthen and sustain its critical partnerships and platforms in core geographies. This will provide greater efficiency for collaborative initiatives, while elevating the profile of the UM in its focus countries.

Highlights

The Institute for Global Public Health (IGPH) continues to work in our focus countries of India, Kenya, Pakistan, Nigeria and Ukraine. In Uttar Pradesh (UP) in North India, our Technical Support Unit (TSU) with the Government of UP focuses on supporting reproductive, maternal, neonatal and child health (RMNCH) policies, programs and activities. Over the past year, the TSU has executed several multi-year active projects in UP, funded by the Bill & Melinda Gates Foundation, with total project funding totaling $85.9 million USD. These include “Technical assistance to improve access, scale and quality of family planning” scheduled for completion in early 2021; “Improved quality of community and low level facility management of childhood pneumonia and diarrhea”, completed in early 2020; “Technical support for improving nutrition status among mothers, infants and young children” scheduled for completion in early 2021; “Techno-managerial support to improve health systems platforms” scheduled for completion in early 2021; “Techno-managerial support to improve MNCH outcomes” scheduled for completion in early 2021; and “Operations research on PPH control, newborn asphyxia and breastfeeding” scheduled for completion in mid-2020. In Ukraine, collaboration with our local partner continues with important results on the project “The impact of political conflict on the dynamics of sex work and HIV/SSTI and the HCV epidemic in Ukraine”, funded by the Canadian Institutes for Health Research (CIHR). Work continues on the CIHR-funded project, based in Canada “Canadian HIV women’s sexual and reproductive health cohort study”, in collaboration with Women’s College Hospital. In Pakistan, work

Roos Prize for Best Publication in Population Health

In February 2016, Senate approved the creation of the Roos Prize. This prize was created to honour the pioneering work of Drs. Leslie and Noralou Roos in the use of administrative data for research, their extensive publication and knowledge sharing reputations, and their role in the creation of the Manitoba Centre for Health Policy (MCHP).

This prize was awarded for the first time in 2017 to a recent full or part-time graduate student (min. 3.5 GPA) who published a paper of incorporating research results using the Population Health Research Data Repository.

This year’s recipient is: Krista Wilkinson
ongoing work in the Ukraine. This project involves collaboration with two local partners; IGPH Pakistan and the Health Services Academy (HSA), both based in Islamabad, Pakistan. The project “Canadian Network for Maternal Newborn and Child Health (2016-2020) Project”, funded by the Canadian Network for Maternal Newborn and Child Health and Global Affairs Canada continues until December 2020, and involves collaboration with two partners, in Kenya and Tanzania. In Kenya, our STI/HIV Technical Support Group there continues work on the Gates Foundation-funded project “Generating evidence on HIVST within MSM communities”.

Several projects were successfully completed during the year. In Kenya, the project “Reducing HIV incidence in Kenya by expanding adolescent voluntary male circumcisions, introducing early infant male circumcision, and increasing the focus on program safety”, funded by the Gates Foundation, was concluded in June 2019, after operating for a total of four years. Also in Kenya, the Grand Challenges project “Integrated innovation to improve maternal, newborn and child health: the graphless partograph” concluded successfully with excellent local support. In India, the project “Closing a critical HIV prevention gap: Demonstrating safety and effective delivery of daily oral pre-prophylaxis (PrEP) as part of an HIV combination preventive intervention” conducted in Kolkata and Mysore-Mandya, also funded by the Gates Foundation, was concluded in June 2018. This resulted in IGPH being awarded a related project funded by Gilead Sciences. In Canada, the collaborative project “Advancing primary healthcare for persons living with HIV in Canada” with Bruyere University concluded in March 2020. In Nigeria, the project “Provide technical support on the conduct of the 2018 programmatic mapping and key population size estimates in 9 project states and the Federal Capital Territory in Nigeria”, funded by the Society for Family Health and the Global Fund against AIDS TB and Malaria (GFATM), was also concluded successfully.

This year, IGPH was awarded several new projects, from a variety of funding agencies. In India, the Bill & Melinda Gates Foundation project “Integrated data system to validate/monitor program/TOC in UP” was started in November 2019, and builds on a previous project. In Kenya, the project “South to South Learning Network for HIV Prevention” was initiated with a new funding partner, Genesis Analytics. Dr. Ties Boerma was awarded additional work on the Countdown 2030 initiative with the project “Strengthening global, regional and country analytical capacity”. In Canada, a CIHR funded meeting grant was awarded to Dr. Marissa Becker to support ongoing work in the Ukraine.

Community Engagement

As part of the 2019 ISSTDR meeting held in July 2019, Dr. James Blanchard hosted a one-day Program Science Symposium entitled “Phase Specific Strategies for STI and HIV Control Redux: resurgence, concentrations, networks, key populations and magic bullets”. The meeting brought together experts from international academic institutions from the United States, United Kingdom and Canada, funders including the World Bank and the Bill & Melinda Gates Foundation, and government agencies including the Centers for Disease Control and Prevention in the United States. Several specific topics were discussed, including ART-based HIV prevention, improving resourse allocation, HIV prevention program design, and challenges in implementation of new interventions for HIV/STI.

In October 2019, a symposium was held entitled “Program Science – Enhancing coverage and equity through partnerships”, as part of the Canadian Conference on Global Health held in Ottawa, Ontario. Partners from Ukraine, India and Pakistan attended the symposium. The session provided examples of global health programs in MNCH and HIV that demonstrate the use of data and evidence to improve program coverage to enhance equity and transparency in governance. This symposium was hosted by Dr. Maryanne Crockett and Dr. James Blanchard.

Training/Mentoring Activities

This year one IGPH PhD candidate successfully defended her thesis. Congratulations to Lisa Lazarus on her thesis “The Life Cycle of a PrEP Demonstration Project: An ethnographic exploration among sex workers in India”. Lisa continues her work with the Centre, providing support on projects headed by Dr. Marissa Becker and Dr. Robert Lorway.

In December 2019, we were able to participate in the Annual Public Health Conference in Islamabad, Pakistan. One important event planned for the conference was a meeting to explore using data to measure and improve program design, and challenges in implementation of new interventions for HIV/STI.

In December 2019, we were able to participate in the Annual Public Health Conference in Islamabad, Pakistan. One important event planned for the conference was a meeting to explore using data to measure and improve equity for effective coverage for public health programs. At the same time, Dr. Blanchard participated in the Think Tank meeting as a core member.

Enhance research training – As an Institute, new research training programs and opportunities will be provided for a wider set of disciplines, utilizing novel training methods, mobilizing interdisciplinary mentorship teams, and providing unique opportunities for trainees to work together in global public health initiatives.
Staff

Faculty: Dr. James Blanchard, Director; Dr. Stephen Moses; Dr. Lisa Avery; Dr. Ramesh Banadakoppa Manjappa; Dr. Marissa Becker; Dr. Ties Boerma; Dr. Maryanne Crockett; Dr. Faran Emmanuel; Dr. Shiva Halli; Dr. Robert Lorway; Dr. Nancy Yu

Postdoctoral Fellows: Dr. Elsabe duPlessis; Dr. Andrea Blanchard

Research Associates/Assistants: Dr. Eve Cheuk; Dr. Souradet Shaw; Ms. Elizabeth Hamilton; Dr. Dessalegn Melesse; Dr. Maureen Murney; Dr. Lorine Pelly; Dr. Deepa Sankaran; Ms. Nicole Herpai; Dr. Lisa Lazarus; Dr. Esther Baum

Student Research Assistants: Ms. Dhiwya Attawar, PhD student; Ms. Claudyne Chevrier, PhD student; Ms. Priscila Ferreira Da Silva, MSc student; Mr. Anthony Huynh, PhD student; Ms. Leigh McClarty, PhD student; Ms. Laura Thompson, PhD student; Mr. Lahiru Wickramasinghe, PhD student

Administration: Ms. Doris Kuzma, Director Finance and Administration; Ms. Shirleen Orlazo, Financial Assistant; Ms. Helen Sokoloski, Administration Coordinator; Ms. Stella Leung, Programmer/Analyst; Ms. Aruni Tennakoon, Programmer/Analyst; Mr. Henry Dyck, Information Technologist

Institute For Health And Healing – Ongomiizwin

The Department of Community Health Sciences continues to maintain a close partnership with Ongomiizwin – the Indigenous Institute of Health and Healing, which comprises Ongomiizwin Education, Ongomiizwin Research, and Ongomiizwin Health Services (formerly the J.A. Hildes Northern Medical Unit). CHS continues to provide an academic home to faculty members associated with Ongomiizwin, including the provision of academic support, tenure/promotion mentorship, teaching opportunities, opportunities to supervise graduate students, and opportunities for conducting collaborative research. CHS also provides some administrative, financial management, and IT support to Ongomiizwin on an as-needed basis. Ongomiizwin provides support to CHS in the development of its undergraduate and graduate teaching programs to enhance the incorporation of Indigenous health.

Ongomiizwin Education

Melinda Fowler, Director

Key Activities

- Training/mentoring activities: Indigenous Physician Mentor, MSEI Strengthening Identity in Medicine, Pimose Ta, Traditional Medicine Clinic Kathy Bird
- Medical Student Entrance Interviews, February 2020
- Pimose Ta- inaugural events hosted in March 2019 for Indigenous Health students and staff, will be hosted once again in 2020. These events consisted of 1 day of land based teaching; teaching lodge and a sweat lodge and follow up with a half day academic presentations by students and staff; an email network was set up for those in attendance in order to have ongoing support. One Student Mentor from each of the five colleges are being selected to assist with further development of leadership and mentorship skills and to help formalize a student mentorship program.
- Drumming group with Dr. Lisa Monkman – a schedule is to be determined for the next year as a form of mentorship and cultural learning and healing.
- Cultural Teachings and Yoga in the Traditional Medicine Garden was hosted in September for staff and students as a way to “kick off” the year and learn about the importance of self-care and wellness. Further cultural teachings to be hosted in the garden in spring and summer months.
- Ta Minogin Kii Mashkiki Minaan – continuance of phase one (planting/transplanting further medicines in the garden and ensuring they are growing well, cared for and appropriately harvested). In addition, phase two of the project will be started: videographer working with the Elder, Knowledge Keeper and Healer to record cultural teachings relevant to the garden.
- Sweat lodge ceremony with students and Ongomiizwin staff twice/year with Elder Margaret Lavallee and Knowledge Keeper Leslie Spillett.
- Community engagement/relationship building through Sacred Ceremony & Spirit Medicine with Prairie Love Yoga - September 2019, Knowledge Keeper Leslie Spillett providing teachings in workshop setting around harvesting, preparing and practices of four spiritual medicines that First Peoples use in healing and ceremonies.
Community Engagement

- Physician Director Representative on the Indigenous Physicians Association of Canada Board of Directors, August 2018 and lead of the planning subcommittee: Culture & Protocol PRIDoC conference hosted in September 2020, Vancouver.

- Indigenous representative for the College of Physicians and Surgeons of MB, Manitoba Buprenorphine/naloxone recommended practice manual working group, April 2019 this is ongoing. In addition, developed a Powerpoint presentation to discuss Indigenous Health in the context of Opioid Replacement Therapy which has been presented in three times thus far with plans to continue over the next year.

- Attending Two-Spirit gatherings and events to ensure inclusivity and safety of our community within academia and to increase knowledge and gain further teachings/ceremonies.

- Red River College, future meeting planned for Feb/March to have further discussions around connecting OE with School of Indigenous Education.

- Indigenous member on Manitoba buprenorphine/naloxone recommended practice manual working group

- Physician Director on Indigenous Physicians of Canada Board of Directors

- Delegate member Admissions Medicine Committee

- Community engagement/relationship building with Red River College School of Indigenous Education, continue to work on formalizing a relationship between our institutions for reciprocal practicum experiences.

- Ndinawemaaganag Interprofessional Community Engagement Experience

Funding

- Elder’s Advisory committee: $3400.00

- MSEI/Admissions Elders & Knowledge Keepers: $10,600.00

- Indigenous Inter-Professional day/Pimose Ta: $10,600

- Indigenous Initiatives Fund: Ta Minogin Kii Mashkiki Minaan: revitalization of the Traditional Medicine Garden: $40,000


Certificates

Obtained PLI Certificate (indicates that Melinda Fowler completed five core PLI courses for Leadership). In addition, I also completed Two PLI courses: Building & Leading Teams & Leading With Emotional Intelligence.

Staff

Melinda Fowler, Director

Kimberly Hart, Senior Lead, Indigenous Health Student Affairs

Margaret Lavallee, Elder in Residence

Debra Beach Ducharme, Director, Indigenous Health Integration.

Ongomiizwin Research

Josée Lavoie, Director

Ongomiizwin-Research’s mandate within the Indigenous Institute of Health and Healing includes 3 broad components:

Ongomiizwin-Research Membership Program

A key role for Ongomiizwin-Research is to promote Indigenous led health research. This means supporting new and established university-based researchers to develop meaningful relationships and partnerships with Indigenous partners.

Ongomiizwin-Research welcomes researchers who are interested and involved in research aimed at improving the health of First Nations, Métis, Inuit, and Indigenous populations to become members of Ongomiizwin-Research. We also added 5 researchers to Ongomiizwin Research formal membership list (and the list is growing). All are potential users of Ongomiizwin Research’s navigation support. Our membership list now counts over 60 researchers.

Researchers engaged in First Nations, Métis, Inuit, and Indigenous health research face an array of challenges related to navigating the funder-university-Indigenous community interface. Our members will enjoy the benefit of drawing from our expertise in this regard.

Examples include:

- how to purchase tobacco, fulfill ceremonial and relationship-building obligations (hosting a feast for example) given new university policies;

- how to frame the demands on partnership-based research when applying for tenure and promotion, when university guidelines do not recognize engaged scholarship as a legitimate form of scholarship;
• how to address issues raised by UM Finance which may interfere with community-based research (examples of issues we have advocated to address with UM Finance include tendering community feasts, hospitality restrictions, recognition of Indigenous community researcher’s skills for appropriate classification through UM Human Resources, etc);

• for new researchers wanting to assist First Nations, Métis and Inuit in addressing their own research priorities, how to approach political organizations or community, who to talk to, etc.

In general, eligibility for membership is involvement and commitment to partnership-based First Nations, Métis, Inuit and/or Indigenous health research. This program is funded through Ongomiizwin IIHH core funding.

Ongomiizwin-Research Support Unit/Research Navigation Services
One of the main functions of the Ongomiizwin-Research is the Support Unit. Although membership is free, Research Navigation Services are offered to all participating members, on a fee for service basis. These services may include assistance with relationship building, ethics submissions, research assistant time, office space, IT services, and/or grant administration. This function is funded through cost-recovery from Indigenous health researchers (Indigenous and non-Indigenous) using these services. Although membership is free, Research Navigation Services are offered to all participating members, on a fee for service basis.

The number of Indigenous health research proposals submitted by UM researchers to CIHR jumped from an average of 1.8/year from 2008-13, to 6.7/year from 2014-18. Our success rate also jumped from 30% to 60%. Finally, the funding secured through these proposals jumped from an average of $0.5M/year (2008-13) to $1.7M/year (2014-18). Noteworthy, these changes preceded the new CIHR investments in Indigenous health research.

Ongomiizwin-Research Mentorship Program
Since 2001, Ongomiizwin-Research has operated an extensive student mentorship program to foster the development of interest and expertise in First Nations, Métis and Inuit health research. Ongomiizwin-Research maintains relationships with a cadre of faculty mentors who are committed to support First Nations, Métis, Inuit students interested in graduate work and research, and in all students interested in collaborative First Nations, Métis and Inuit health research. This program is funded through the Canadian Institutes for Health Research (2017-2022), and is a partnership between UM, UW, UCN and Brandon University. This program funds undergraduate, masters and PhD level Indigenous students. This program is managed by Ashley Edson.

Key Activities
CHSC 7220, Health and Health Services of First Nations, Métis and Inuit Peoples Graduate level Course: This course is offered through the Department of Community Health Sciences, Max Rady College of Medicine, Rady Faculty of Health Sciences. This is a seminar-based course that critically examines First Nations, Métis and Inuit health status, health care services, historical assumptions about indigenous populations, and ‘pre-Canada’ world events influencing European colonization of this land with resultant marginalization of original indigenous Peoples. This course included 5 students and an additional attendant auditing the course. This course was unique as it was co-lead by Dr Josée Lavoie (Euro francophone ancestry), Elder Shingoose (First Nations) and Dr Melinda Fowler-Woods (Métis medical doctor).

Staff
Dr Josée Lavoie, Director
Leanne Rajotte, Research Programs Lead
Chantal Edwards, Research Programs Coordinator
Ashley Edson, Coordinator, PIKE-Net
Henry Dyck, IT
Departmental Units

Office of Community Engagement

Karen Cook, Dr. Ian Whetter, Co-Leads, Office of Community Engagement
Jennifer Otisi-Didi, Community Engagement Assistant

The Office of Community Engagement (“OCE”) works closely with various units and programs within the Rady Faculty of Health Sciences (“RFHS”). The activities and programs below highlight this year’s community engagement work, along with these collaborations, including Undergraduate Medical Education, Alan Klass Memorial Program for Health Equity and the Biomedical Youth Program.

Community Partnerships and Programs

The Summer Weekend Inner-City Supervised Hoops (SWISH)
The program took place from July 6 – August 17 in Parking Lot E. The program recorded an average of 30 youth per Saturday with almost 200 youth overall attending for the seven-week program. SWISH is now in its eighth year and we are beginning to see previous youth participants moving up either as junior SWISH staff and/or as university level basketball players. Two such participants are Brittanie Parisien, now playing with the Bisons, and Binh Nguyen, who in addition to continuing as a SWISH staff member, also plays for the Canadian Mennonite University’s basketball team. An article about Brittanie and Binh’s experience with SWISH over the years appeared in a recent edition of UM Today - link to story is below.

Basketballs for Inner-City Kids (BBICK)
In June 2019, the Office of Community Engagement staff and volunteers delivered about 600 basketballs to 16 local, K-6 schools from the Winnipeg School Division. The presentation of basketballs to graduating Grade 6 students is a way to acknowledge students’ graduation to middle school and to support their participation in accessible recreation over the summer months. Karen Cook, co-lead, Office of Community Engagement, attended Pinkham School’s annual assembly to present this year’s basketballs. Thank you to all volunteers for making Basketball for Inner-City Kids 2019 a huge success! Read the UM Today article: https://news.umanitoba.ca/basketballs-from-u-of-m-empowerinner-city-kids/

Community Events

The Office of Community Engagement supported the following events in 2019-2020:
• Global Health Concentration Program student group
• Nutrition Council of Manitoba, supporting breakfast programs at K-6 schools
• North End Community Helpers Network, Volunteer Appreciation Dinner
• North End Women’s Centre – Programming Supports
• Rainbow Centre Spring Fling
• IRCOM grocery shuttle program
• Dufferin School - programs for Family Centre
• UM Pride Week

Community Breakfast
The third annual Community Partner Recognition Breakfast was held on February 26, 2020 in the Joe Doupe Concourse. The purpose of bringing community partners and RFHS faculty, staff, and students together is to convey gratitude to the community partners for providing valuable, community-based learning activities for RFHS students. Eighty plus community partners attended the breakfast, along with university faculty, staff and students.

Opportunities for Bannatyne Students

Orientation Week
As part of orientation activities for Rady Faculty of Health Science students, the Office of Interprofessional Collaboration and Office of Community Engagement facilitated community site visits to organizations and schools around Bannatyne campus as part of students’
introduction to the broader community. Organizations/schools provided students with overview of their programs, services, populations served, and any volunteer or service learning opportunities available. This year, these visits took place on the afternoon of September 20th. Five hundred and ninety-one RFHS students were grouped into interprofessional cohorts from colleges and programs within the faculty and visited 27 community organizations or schools. Each cohort included at least one student from medicine, pharmacy, dentistry, dental hygiene, occupational, respiratory, physical therapy, and physician assistant programs. Cohorts continue to meet over the first two years of their program and have opportunities to work interprofessionally on assignments that are part of the longitudinal interprofessional curriculum.

Vinh Huynh, Principal, Gordon Bell High School talks about the West Broadway community with Rady Faculty of Health Sciences students as part of the Office of Interprofessional Collaboration’s orientation week activities.

Canu REACH
The Canu REACH program at Bannatyne continues to be a very successful program for both participants and RFHS student volunteers. Grade 7 to 9 participants from low socio-economic backgrounds attend weekly sessions from October-February for hands-on, health science activities developed and facilitated by RFHS student volunteers. The year finished with 70 participants and close to 80 RFHS student volunteers. The annual wrap-up and celebration dinner in March for families, youth, and RFHS student volunteers was cancelled due to the Covid-19 pandemic. Thank you to all RFHS student volunteers for developing a fun and educational curriculum for community participants!

The Winnipeg Interdisciplinary Student-Run Health (WISH) Clinic

Liam Fullerton, Facilitator

Heather Rossong, Eagan Peters, WISH Student Co-Chairs

The WISH Clinic is an interprofessional, student volunteer-run primary care clinic which specifically recognizes the importance of the social determinants of health. Students strive to address health in its broadest sense by offering a welcoming environment, healthy snacks, health education, and harm reduction. Students and professional mentors provide collaborative, interprofessional clinical services. The Student Executive Council manages the community-informed programming of WISH as well as the operational aspects of health care delivery. The WISH Clinic is a conduit for developing positive relationships and critical competency in evolving healthcare professionals.

In 2019-2020, the WISH team of 322 University of Manitoba students logged 3,301 volunteer hours at the student-run clinic. Students focused on the social determinants of health and client-centered care principles to provide needed clinical healthcare to Point Douglas community members. Students at WISH are part of diverse interprofessional teams, led by mentors and team leads across a wide range of professions, to provide the best care possible. This year, 3,304 patrons visited WISH Clinic, engaging with student volunteers while being offered healthy and nutritious food, educational programming, clinical care and access to harm reduction supplies. Our clinic is proud to have provided culturally-informed, client-centered clinical care to 96 patients this school year.

Approximately 660 student experiences were hosted at WISH. Under the guidance of experienced mentors, students had the opportunity to gain a better understanding of the complexities of clinical care in topics such as: wound care, mental health, chronic pain, physical therapy, and dentistry. All of WISH’s volunteers learn under an interprofessional group of mentors that has grown this year to include occupational therapy and added more mentors in fields of pharmacy, nursing, and physical therapy.

WISH clinical services operated a total of 68 hours – 4 hours per shift – for a total of 17 shifts in which clinical services were offered. Additionally, we were able to offer 69 hours of community drop-in programming – 3 hours per shift – for a total of 23 shifts. Students and mentors provided direct clinical care to 96 walk-in patients. Combined with our immunizations and consultations at our 3 immunization clinics, WISH saw a total of 182 clinical cases. Three hundred and sixty-four student experiences were involved in providing this multifaceted care.
Influenza Clinics
In partnership with the WRHA, WISH offered a total of 3 community immunization clinics at Ma Mawi Wi Chi Itata Centre, Mount Carmel Clinic, and the Indigenous Family Centre on Selkirk Avenue. These clinics were held on October 27th, November 2nd, and November 21st 2019. In total, 86 community members received immunizations.

This year, members of our Student Executive Council chose to go above and beyond their position and lay a strong foundational framework to open up a fourth immunization clinic. With lessons in efficiency and preparation learned from previous years of successful immunizations, WISH plans to open a fourth immunization clinic in the Fall of 2020.

Community Health and Well-Being Engagement
WISH Clinic is not limited to Sunday activities. In addition to our regular clinic we seek to engage the community’s health in a variety of ways. Educational health-related theme days are one way in which we accomplish this goal. We also host an annual Family Fun Day which includes a local Teddy Bear Clinic that reaches out to a mix of 340 children and adults. In December, WISH regularly hosts a Holiday Party and this year we reached out to 218 people. Donations of books and toys, and brand-new teddy bears used both for our Teddy Bear Clinic and Holiday Party make both events a welcome place for families to relax and enjoy the social aspects of health.

WISH hosted two health education theme days put together by our students in the HEAL program. These programs focused on current topics in health using interactive displays. The social determinants of health play a strong role as well.

Display topics ranged from exercise and cardiovascular health, to cultural education services including smudging, sweats, and drumming groups. Harm reduction facilities featured prominently in many of the group’s stations. As always, our dental theme day, and its accompanying oral health-themed prizes, was a very popular stop for community members.

At our Family Fun Day this year, we offered our community members a variety of health information, a picnic lunch, ice cream, games and prizes, arts and crafts, and face painting. All are welcome to attend! Every year, we also organize a local Teddy Bear Clinic during this event to engage our patrons in health promotion by having their teddy bears “treated” by a group of students from various health programs. All children who attend are either given a bear when they arrive or can bring one from home. Our goal is for both children and adults to observe the process of healthcare delivery in a friendly way. It is our hope that this event creates a safe and approachable perception of healthcare that may encourage children and adults to seek care when they need it. Overall, the Family Fun Day once again helped to further enrich our relationship with the community.

The Holiday Party is another event where WISH takes pride in bringing the community together to share a communal meal. In addition, we strive to engage many children with a variety of activities. We have a Santa volunteer who gives out both educational and fun gifts, and folks of any age can also get pictures with Santa, alongside a cookie decorating station, a crafts station and our turkey dinner, pie included. Our volunteers work hard with other organizations such as Siloam Mission to make this a festive success. Our organization feels that this is an important time to make sure our community members feel both less lonely and listened to.

Response to Challenges
The WISH Clinic faced a few challenges this year. Moreover, this experience of COVID-19 is shared by many people and organizations in the healthcare field. However, as a student-run clinic, WISH gives innovative students a chance to show what great things we can accomplish as a team. We are lucky to have many students who take initiative and are passionate about ensuring WISH does its best to care for Point Douglas. Many of our volunteers have assisted in our COVID-19 response, demonstrating that WISH is an organization that can reliably adapt to the dynamic needs of our community.

Due to the pandemic, the WISH Clinic’s regular programming from March 7th onwards was canceled. As with many challenges WISH has faced in its time, we are proud of our volunteers who rose to this occasion. WISH committed to assisting our host clinic, Mount Carmel, as almost overnight they become a testing site open 10 hours a day. We devised a regularly updating volunteer schedule through which WISH volunteers could sign up to assist Mount Carmel. During the weekends when WISH would usually be running and Mount Carmel
staff would be taking a well-deserved break, one of our coordinators stepped up. This student team lead decided that, regardless of the pandemic, he wanted to ensure that WISH would follow through on its mandate as a learning site. Working with both nurses and a physician at Mount Carmel, he organized a system where volunteers were briefed and oriented before gaining consent to take a patient swab. There were five students from medicine and one from pharmacy that conducted eight clinical interactions with the attending physician and nurse. Working together during this time has only strengthened WISH’s relationship with our host clinic. WISH will see the benefits of these endeavours for years to come!

Collaborations Across Rady Faculty Of Health Sciences Units

Undergraduate Medical Education Accreditation

Ian Whetter and Karen Cook presented at the RFHS Accreditation Boot Camp in April 2019. This was the second of two boot camp presentations, which focused on service learning in the undergraduate medical curriculum, pipeline programs and social accountability.

Service Learning

The Office of Community Engagement works closely with the Undergraduate Medical Education Population Health team to coordinate placements for Year One and Year Two medical students. Each class, consisting of approximately 110 students, is placed with a partnering community based organization, mostly in the vicinity of the Bannatyne campus. Examples of service learning sites include: organizations addressing food insecurity, access to youth recreation, after-school programming and community resource centers. Currently, there are ~220 medical students completing service learning with the following community organizations:

Access Norwest; Art City; Bear Clan Patrol; Big Brothers, Big Sisters of Winnipeg; Biomedical Youth Program, UM; Boys & Girls Clubs of Winnipeg; Broadway Neighbourhood Centre; CKUW; Cancer Care Manitoba; Canu; Child and Family Services; Children’s Hospital; Elmwood Community Resource Centre; Fort Garry Women’s Resource Centre; G.R.O.W.; HSC Volunteer Services; Immigrant and Refugee Community of MB; Let’s Talk Science; Main Street Project; Manitoba Harm Reduction Network; N.E.E.D.S. Inc.; New Directions – Opikihawewin; North End Women’s Centre; North Y Youth Centre; Portage Justice Committee; RFHS Food Security Initiative; Ronald McDonald House; St. Amant Centre; St. Mark’s; Siloam Mission; Society for Manitobans with Disabilities; Special Olympics of MB; Sunshine House; Villa Rosa; West Broadway Youth Outreach; West Central Women’s Resource Centre; Winnipeg Harvest; Winnipeg School Division; Wii Chiiwaakanak Learning Centre; WISH Clinic; Women’s Health Clinic; and WRENCH.

Canadian Conference on Medical Education (CCME)

Karen Cook, Dr. Ian Whetter, Chelsea Jalloh, community partners from the Manitoba Harm Reduction Network and two year 2 medical students developed and presented a workshop with counterparts from eastern universities at CCME this past April. The workshop, “Developing Partnerships between Community Organizations and Universities to Deliver Service Learning Experiences for Medical Students,” considered practices in service learning programs for medical students with emphasis from community and student perspectives.

Alan Klass Memorial Program For Health Equity (“Akmphe”)

Dr. Ian Whetter, Director – April 2019 to December 2019

Dr. Sarah Lesperance, Director – January 2020 - Current

A huge thank you to Dr. Ian Whetter who stepped down as Director of the AKMPHE at the end of December 2019! Dr. Whetter’s other roles in Social Accountability and the Office of Community Engagement means he is still very much a part of community health and engagement initiatives. Welcome to Dr. Sarah Lesperance who assumed the role of Director, AKMPHE at the beginning of January 2020.

The Alan Klass Memorial Program for Health Equity enables the undergraduate program to fulfill its commitment to understanding and addressing health inequities and our social responsibility. Several initiatives that support this commitment are fundamentally connected to community engagement programs outlined in this report. Highlights of year-round programs financially supported are immediately below. The Community Engagement section above provides further reporting of these programs.

Year-Round Programs

RFHS Food Security Initiative (“RFHS-FSI”, formerly Jacob Penner Park Initiative)

This past year, due to a reduction in participation from local youth and an increase in conflict at the site, the medical students who volunteered in the Jacob Penner Park after-school program decided to modify their approach to support youth in the neighbourhood. In October 2019, med student volunteers worked with Office of Community Engagement and Winnipeg School Division staff to implement the new RFHS Food Security
Initiative. With plans to expand in the future, the RFHS FSI successfully launched a new twice-weekly, breakfast program at École Sacré-Cœur for N-8 students. The community school and new initiative also serves as one of the new service learning sites for 2019/20.

CANU REACH After School Program
Two after-school programs happening simultaneously at the RFHS for approximately 70 Grade 7 to 9 community school students. Participants explore a possible career in the health sector. Close to 80 RFHS student volunteers participate in developing and facilitating sessions for students.

Research and Evaluation
The AKMPHE provided its second year of support for an upcoming B.Sc. Med project - cross-sectional and longitudinal surveys of minority stress, mental health and quality of life outcomes of gender diverse adults participating in medical interventions for gender dysphoria. The project is supervised by Dr. Robin Westmacott and NP Rhea Mossman-Sims.

Alan Klass Communities and Collaboration Health Equity Award
In May 2019 at the Third Annual Communities and Collaboration Symposium, the AKMPHE awarded start-up funding to one proposal. This year’s award went to the Awakening Women’s program, which supports women and their children who have experienced violence and trauma to rebuild their lives and move forward.

Health Careers in a Box
In collaboration with the Manitoba Healthcare Providers Network and the U of M’s Indigenous Institute of Health and Healing, the Health Careers in a Box kits were completed. These kits support health profession students to engage with middle and high school students in rural and remote communities. The travelling kits will connect rural and remote students with post-secondary education access, and to mentorship programs.

Student Travel Awards
The Alan Klass Student Travel Awards supported students to travel on national and international study electives in Kenya, Bolivia, Turkey, Ethiopia, Columbia and Nunavut (1). Upon their return, students must produce a reflective paper related to a health equity concern they encountered. In addition, five students travelled to the Philippines with Dr. Raquel Consunji-Araneta in February 2020.

Winnipeg Interprofessional Student-Run Health Clinic (“WISH”)
The Alan Klass Program has supported the WISH Clinic on an annual basis. The clinic continues to serve as an excellent opportunity for students to gain exposure to clinical practice in a multidisciplinary setting with a focus on non-judgmental, comprehensive care. The WISH Clinic is a student-led clinic located in the Point Douglas area of Winnipeg and is operated out of the Mount Carmel Clinic. WISH provides an interprofessional learning environment for University of Manitoba students from Dr. Gerald Niznick College of Dentistry, Max Rady College of Medicine, the School of Dental Hygiene, the Colleges of Pharmacy, Nursing, and Rehabilitation Sciences (Occupational Therapy and Physiotherapy), and Faculties of Agriculture and Science to gain experience working with underserved populations in a clinical setting.

Biomedical Youth Program (BYP)
Dr. James Gilchrist, Director
The Biomedical Youth Program (BYP) is an enhanced science program for inner-city students. We are happy to report another successful year of offering various science enrichment programs to inner-city and Indigenous youth in Winnipeg and Manitoba. The BYP mission is pursued through the coordinated efforts of a highly motivated core group of undergraduate/graduate student volunteers and several dedicated University of Manitoba research, health, and medical professionals.

BYP Summer Camps
Winnipeg – The BYP summer camp took place at Bannatyne campus from July 15-19, 2019. This was by far the largest camp in the past five years with an enrollment of approximately 160 grade 5-12 students, including 12 students from northern and remote communities such as Cross Lake, Grand Rapids and Thompson to name a few. The northern student contingent is made possible through a long-standing partnership with BYP, ACCESS programs at Fort Garry, Shared Health, Frontier School Division and Ongomiizwin Health Institute. Dr. James Gilchrist, BYP camp director and a dedicated group of camp volunteers received positive feedback for an outstanding schedule of high quality and innovative hands-on activities for participants. Dr. Gilchrist and his team of volunteers worked diligently to ensure all volunteers and coordinators were well prepared and supported throughout the planning and implementation of the camp. For our university student volunteers, an application for Co-curricular Record (CCR) is underway so credit for contributions to the camp is recognized and recorded appropriately. The intention moving forward is to create a more robust organizational structure supported by a highly engaged student body. Assembling a strong team of like-minded students involved in the planning and operation of BYP activities is in keeping with the Mission of “Youth Inspiring Youth”. An article highlighting this year’s camp can be found at: http://news.umanitoba.ca/students-fill-teeth-read-x-rays-at-rady-byp-science-camp/.

Northern – Two first year med students and one University of Manitoba science undergraduate student travelled
to Opaskwayak Cree Nation from July 22-25 to deliver high-quality and interactive sessions for grades 7-12 high school youth. Participants had the opportunity to dissect pig hearts, learn how to properly use a stethoscope, participate in an intubation simulation and play games related to the periodic table. Some participants showed a keen interest in the health careers and were fully engaged in all activities. They asked thoughtful and important questions for University of Manitoba students and the camp in many ways was a learning experience for both university and high school students. A story appeared in a recent edition of UM Today: https://news.umanitoba.ca/camp-exposesnorthern-youth-to-health-sciences/

Andrea Soriano, second year med student, demonstrates intubation procedure with youth from Opaskwayak Cree Nation

Winnipeg School Division Science Fair

On April 10, the 49th Annual Winnipeg Schools’ Science Fair was held at Bannatyne campus with approximately 450 grade 4-12 students and 100 volunteer judges. One category of judging for the Grade 4 through 12 student projects was the Mathematics and Statistics Innovative Application Awards. A team of judges, primarily students and faculty from the Department of Community Health Sciences, examined thirty presentations in this category. Three winners were selected, and trophies and cash awards were presented by Dr. Robert Tate at the closing ceremony on April 13.

Partnerships and Programs

Another core component to our programming has been the Saturday Science Club (SSC), which has been developed over the past several years in collaboration with the Faculty of Science. The continued evolution of this program has helped strengthen our partnership with the Winnipeg School Division in developing science enrichment initiatives at the Niji Mahkwa Inner City Science Centre. The mission of this program is to raise curiosity about science through (a) hands-on experiences and (b) highlighting its relevance to other disciplines, our culture and ourselves.

Data Science Platform, George & Fay Yee Centre for Healthcare Innovation

Lisa Lix, Director

The Data Science Platform in the George and Fay Yee Centre for Healthcare Innovation is comprised of the Biostatistics Group, Computational Biology and Bioinformatics Group and Clinical Research Data Group. Faculty, staff, and trainees that comprise these groups facilitate the development, management, linkage, analysis and visualization of clinical, administrative and other data resources for patient-oriented research. The Platform’s members bring expertise in statistics and biostatistics, computer science, information management, bioinformatics, computational biology, public health, and health services research.

New Members

We were pleased to welcome a number of new faces to the Platform in 2019-20. Dr. Razavan Romanescu joined the Biostatistics Group as a biostatistics consultant in January 2020; Dr. Romanescu brings expertise in statistical genetics and infectious disease modeling. He completed his PhD in Applied Statistics at University of Guelph in 2016 and subsequently completed post-doctoral studies at Lunenfeld Research Institute, Mount Sinai Hospital in Toronto.

Visiting faculty to the Platform this year included: Dr. Hua Zhang from Southeast University, Nanjing; Dr. Shaoping Jiang from Yunnan Minzu University, Yunnan, China; Dr. JianWei Gou from Nanjing Forest University, Nanjing, China; and Dr. Tolulope Sajobi, University of Calgary, Calgary, Alberta.

Two new post-doctoral fellows joined the Platform this year and are working under the leadership of Dr. Lisa Lix: Dr. Amani Hamad, who completed her PhD in the College of Pharmacy in 2019, and Dr. Ridwan Sanusi, who completed his PhD in 2019 at City University of Hong Kong in the Department of Systems Engineering and Engineering Management.

Training

The Visualization and Automated Disease Analytics (VADA) Program, which is funded by the Natural Sciences and Engineering Research Council of Canada (NSERC) until 2023 welcomed 19 new students and five returning PhD students this year. The program seeks to advance MSc and PhD student training in visual and automated
analytics (i.e., machine-learning models) for complex health data. The program is a joint initiative with the University of Victoria in British Columbia.

Dr. Lix is co-lead of a new national training initiative, Equitable AI for Public Health (AI4PH): A Focus on Equity and Prevention, which is funded by the Canadian Institutes of Health Research for five years beginning in 2019. This pan-Canadian institute is designed to train emerging public health and computational science researchers in equitable artificial intelligence. Using interactive teaching methods, case examples and multidisciplinary team-based learning, the Summer Institute will provide participants with an opportunity to gain the expertise and collaborative networks to apply AI methods in their public health research and practice. Upon completion of the Summer Institute, participants will have a solid understanding of techniques to develop novel and equitable solutions for the prevention and control of critical public health problems — such as building population-based chronic disease risk prediction models that integrate diverse types of health data — with a high level of ethical rigour.

**Research**

A major initiative this year, which is co-led in Manitoba by Dr. Lisa Lix (Centre for Healthcare Innovation) and Dr. Alan Katz (Manitoba Centre for Health Policy), is Health Data Research Network Canada and the SPOR Canadian Data Platform, a seven-year, $81.35M investment by the Canadian Institutes of Health Research and national and provincial partners to improve access to and use of electronic data for population health and health services research. This initiative will create a single portal through which researchers will be able to request access to a multitude of administrative, clinical and social data from various sources from across Canada, as well as methods support to analyze these data. Dr. Lix chairs the Algorithms and Harmonized Data Working Group, which has developed the Data Assets Inventory and Algorithm Inventory to improve researcher access to information about existing administrative databases across Canada and the measures (i.e., algorithms) to measure key constructs in population health, health service use, and the determinants of health.

Dr. Lix began a new research study initiated in 2019 entitled Harnessing Population-Based Electronic Healthcare Records to Construct Family Health Histories for Accurate Disease Risk Prediction and Heritability Estimation, which was funded through the Rady Faculty of Health Sciences Innovation Fund. The purpose of this research is to measure lifetime chronic disease histories for parents and their offspring using record linkage techniques for administrative health data and test the utility of these lifetime histories for predicting disease risk and estimating disease heritability. The project co-investigators include Dr. Joseph Delaney (College of Pharmacy), Dr. Shantanu Banerji (College of Medicine), Dr. Pingzhao Hu (College of Medicine), Dr. Elizabeth Wall-Weiler (Princeton University), and Dr. Mohammad Jafari Jozani (Department of Statistics).

Comparing hospitalization rates, outcomes, and treatment intensity for elderly patients across OECD countries, which is led by Dr. Bruce Landon (Harvard Medical School), is an exciting 5-year study on which Dr. Lisa Lix is the local lead. The purpose of this study is to compare treatment and outcomes for older adults (>66 years) from 5 OECD countries (US, Canada (two provinces), Netherlands, Israel and England) hospitalized with one of five conditions: 1) hip fracture, 2) acute myocardial infarction, 3) ischemic stroke, 4) elective abdominal aortic aneurysm repair, and 5) congestive heart failure.

**Staff**

The Data Science Platform is led by Dr. Lisa Lix, Professor, Department of Community Health Sciences. Platform faculty staff, post-doctoral fellows, and graduate students include: 

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<thead>
<tr>
<th>Biostatistics Group</th>
<th>Bioinformatics and Computational Biology Group</th>
<th>Clinical Research Data</th>
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<tbody>
<tr>
<td>Depeng Jiang, PhD, Associate Professor, Dept. of Community Health Sciences, Lead, Biostatistics Group</td>
<td>Pingzhao Hu, PhD, Associate Professor, Dept. of Biochemistry and Medical Genetics</td>
<td>Lin Yan, PhD, MPH, Senior Data Analyst</td>
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<tr>
<td>Robert Balshaw, PhD, Senior Biostatistician</td>
<td>Narmada Retnakaran, Manager, Data Coordinating Centre</td>
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<tr>
<td>Rasheda Rabbani, PhD, Biostatistics Consultant</td>
<td>Saeed Al-Azazi, Analyst</td>
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<tr>
<td>Brenden Dufault, MSc, Biostatistics Consultant</td>
<td>Abin Chandrakumar, Analyst</td>
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<tr>
<td>Loring Chuchmach, MA, Analyst &amp; Consultant</td>
<td>Olawale Ayilara, Junior Analyst &amp; Graduate Student</td>
<td></td>
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<tr>
<td>Razvan Romanescu, PhD, Biostatistics Consultant</td>
<td>Xuejing Jiang, Junior Biostatistics Consultant &amp; Graduate Student</td>
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Mission and Objectives

MCHP is a research centre of excellence that conducts world-class population-based research on health, and the social determinants of health. We develop and maintain a comprehensive population-based data repository on behalf of the Province of Manitoba for use by the local, national and international research community. We promote a collaborative environment to create, disseminate, and apply our research. Our work supports the development of evidence-informed policy, programs, and services that maintain and improve the health and wellbeing of Manitobans.

MCHP works within the ‘Integrative Research in Health and Well-being’ theme within the University of Manitoba’s Strategic Research Plan and is a key component of the signature area on ‘Population and Global Health’.

Strategic objectives cover the following areas:

1. To maintain and enhance a population-based data repository (Repository) that meets the needs of researchers, graduate students, and analysts in a privacy-compliant environment.
2. To advance the research capacities of MCHP and its affiliated researchers, to support research which is relevant, and uses the most appropriate methodologies.
3. To integrate knowledge translation within our work, to measure the impact of our research on policy and practices, and engage the public in our research where relevant.
4. To maintain the strong foundation needed for a centre of excellence, by securing adequate funding, supporting skilled staff, and being accountable for our funding.

Education

MCHP researchers teach a number of courses in Max Rady College of Medicine. Drs. Dan Chateau, Alan Katz, and Nathan Nickel teach undergraduate courses in population health; Drs. Marni Brownell, Malcolm Doupe, Alyson Mahar, Nathan Nickel, Leslie Roos, and Marcelo Urquia teach graduate courses in Community Health Sciences. MCHP staff support educational and technical tutorials and workshops. We offer online tutorials through our website and provide workshop materials as well as detailed explanations of structural equation statistical modeling techniques. We also deliver in person 20-hour SAS tutorials for beginner to intermediate SAS-users.
MCHP researchers are supervising, co-supervising, or on the committees for 19 doctoral and 24 masters’ students, and supervising 2 post-doctoral fellows.

In 2019-20, the Manitoba Population Research Data Repository supported 292 active projects including 18 M.Sc. theses and 17 Ph.D. theses.

### Research

MCHP is contracted to work on five deliverables each year for Manitoba Health, Seniors and Active Living which take on average approximately two years to complete. Over the past year, we released the six government deliverables, discussed below. MCHP researchers lead these projects, with input from clinicians, policy makers, and other partners as coinvestigators or on advisory groups. This engagement has enriched the reports we produce. Our researchers are also highly successful in getting grants for their own individual programs of research, and they (and their students) have published 146 peer-reviewed publications this year (15 as first author) and contributed to more than 12 presentations (6 as first author/presenter).

#### Deliverables for Manitoba Health, Seniors and Active Living

MCHP has been contracted by Manitoba Health to complete up to five research projects a year since 1990. These projects take 1-3 years to complete and result in a publicly released report as well as academic peer-reviewed papers.

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<thead>
<tr>
<th>Graduate Course</th>
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<th>Instructors</th>
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<tr>
<td>CHSC7400 T26</td>
<td>Survival Analysis and Mortality Analytic Methods in Cancer Treatment</td>
<td>Dan Chateau</td>
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<tr>
<td>CHSC7520</td>
<td>Principles of Epidemiology</td>
<td>Nathan Nickel</td>
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<tr>
<td>CHSC7540</td>
<td>Advanced Epidemiology</td>
<td>Marcelo Urquia</td>
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<tr>
<td>CHSC7310</td>
<td>Epidemiology of Health Care</td>
<td>Alyson Mahar</td>
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<tr>
<td>CHSC7730</td>
<td>Topics in Health Services Research</td>
<td>Malcolm Doupe</td>
</tr>
<tr>
<td>CHSC8600</td>
<td>Senior Seminar in Community Health Sciences</td>
<td>Les Roos</td>
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This deliverable was the product of a strong and developing relationship between MCHP and the First Nations Health and Social Secretariat of Manitoba. It looked at health and healthcare use patterns of First Nations people living in Manitoba. The analyses provided comparisons between First Nations and all other Manitobans, comparisons between on and off reserve First Nations, and regional comparisons by Regional Health Authority and by Tribal Council Areas. It was the first study to use the Regional Health Survey which includes on-reserve First Nation peoples. The results demonstrate the widening gap between the health of First Nations and all other Manitobans and point to inequities in service provision.


All Regional Health Authorities in Manitoba worked together to complete the 2019 cycle of comprehensive community health assessment reports. To produce their reports, the RHAs required region- and district-specific data on a range of key indicators of health status and health care use. This deliverable updated and refined key indicators from the 2013 RHA Atlas and incorporated new indicators from other reports, including a number of indicators of maternal and child health.

**The Health Status of Community-Dwelling Older Adults in Manitoba** Chateau D, Doupe M, Prior H, Soodeen RA, Sarkar J, Dragan R, Stevenson D, Rajotte L

This report focused on the health status and health care use patterns for community-dwelling older adults in Manitoba (i.e., not a resident of a nursing home). Using both health system data and self-report data from the Canadian Community Health Survey, a large number of indicators were examined that addressed physical health and wellbeing, mental health status, health care use, drug use, and numerous social indicators (e.g., living in social housing, receipt of income assistance, victim of crime). The baby boom generation have started to become senior citizens, and this report looked at the changes they may have brought with them to the population of older adults. The youngest of the older adults (age 65-74) saw a dramatic growth in size during the study period (2005-2014), boosting the population of older adults in Manitoba by over 20,000 in just five years. Above and beyond the increased demand on services that would be expected from population growth, we can expect changes
in the health status of this population, and in how older Manitobans might interact with the health care system. Results were reported by three age groups (65-74, 75-84, 85+), and at regional and sub-regional levels. This will allow planners and all Manitobans to understand what is happening at a local level, and to focus primary care resources and other services and resources to meet the changing demands of this population.

Quick Turnaround Projects for Manitoba Finance

Over the past two years, MCHP analysts have supported Government of Manitoba to access and analyse their own datasets to support policy analysis and program decision-making. This work has supported programs delivered by departments of Education, Families and Justice. We use the Manitoba Population Research Data Repository, and the work has supported development of new methods which will be useful for future research, abut this area of work does not result in published reports.

Industry-funded research

Over the past three years, MCHP has developed processes to support research using the Manitoba Population Research Data Repository to support industry-funded research. These projects involve some analyses and support to researchers on interpreting the data findings. These projects look at treatment patterns, prevalence of conditions, and more.

Annual Direct Burden of Illness for Heart Failure in Manitoba, Canada (Dr. Alan Katz) Administrative Database Analysis of Ambulatory and Inpatient Care

Determining Immunization Coverage and Burden of Vaccine Preventable Diseases among Children of Refugees and Migrants in New Zealand and Manitoba (Dr. Alan Katz) Comparing children’s immunization status in Canada and New Zealand between children born to mothers born in Canada (NZ), mothers who are immigrants and children who immigrated to Canada(NZ) before age 5.

Grant-funded research

Researchers at MCHP carry out research into the health and wellbeing of Manitobans across a broad spectrum of issues, funded through a variety of sources including federal and provincial funding bodies, foundations and research trusts.

MCHP researchers lead and participate in a number of long-term research programs using the Manitoba Population Research Data Repository. These programs involve multiple researchers from MCHP as well as research support staff and data analysts. Current programs are detailed below.

MCHP has led the Manitoba hub of the Canadian Network for Observational Drug Effect Studies (CNODES), since the program’s inception in 2011, firstly under the leadership of Dr. Patricia Martens and now led by Dr. Dan Chateau. A network of more than 100 scientists study the safety and effectiveness of medications using administrative data, and provide evidence for policy-makers, healthcare providers, regulators and patients.

Dr. Marni Brownell is leading a program of research called STRENGTH: SupporTing Resiliency in iNdiGenous child HealTH and development. In this program of research we are partnering with researchers from the First Nations Health and Social Secretariat of Manitoba to evaluate the Healthy Baby program for First Nation women and their infants, and with the Manitoba First Nations Education Resource Centre to evaluate full-day kindergarten, Boys & Girls Club of Winnipeg programs, and Roots of Empathy for First Nation children. We are also partnering with researchers from the Manitoba Métis Federation to evaluate home visiting programs, and early childhood and school-based programs for Métis children and families.

Under the leadership of Dr. Marni Brownell and Dr. Randy Fransoo, MCHP is participating in a partnership development project funded by SSHRC (Social Sciences and Humanities Research Council), named SPECTRUM (Social Policy Evaluation Collaborative Team Research at Universities in Manitoba). The goal of SPECTRUM is to establish a collaborative partnership that will build research capacity amongst participants for conducting social policy research and evaluation. The partnership--consisting of academic researchers across multiple disciplines, government policy-makers across multiple sectors, and community agencies -- will use ‘big data’ to conduct applied research and evaluation on existing social services, programs and policies, through use of the Population Research Data Repository held at MCHP. The power of the data in the Repository will allow us to begin to address the most pressing social challenges and wicked problems facing governments in the 21st century.

Dr. Marcelo Urquia and Dr. Alyson Mahar, received funding from the Centre for Innovation and Research Manitoba to develop a Social Determinants of Health Digital Library. This program involves acquiring a number of new datasets, that support research on the impacts of social determinants on health outcomes, and making them research-ready. The datasets will be used initially for Dr. Urquia and Dr. Mahar’s research programs but will also be available for access for approved projects by any researcher wishing to use the Manitoba Population Research Data Repository.
Prevalence and Social Determinants of Developmental Outcomes Among 5-Year Old Children with Health Disorders: A Pan Canadian Study (Dr. Marni Brownell) Using comparable information from three provinces (Manitoba, Ontario, BC), this study is examining the developmental outcomes at school entry for children with any of seven of the most common health disorders in childhood: asthma, Attention Deficit Hyperactivity Disorder, anxiety disorders, speech and language impairments, Autism Spectrum Disorders, Fetal Alcohol Spectrum Disorder, and cerebral palsy and motor impairments. The study also examines the interplay between socioeconomic status and developmental outcomes for children with health disorders.

Evaluating Older Adult Care Continuums in Alberta and Manitoba: A comparative Analysis (Dr. Malcolm Doupe) Older people are the main users of publicly funded care continuums comprised of home care, various types of community-based housing with health services care options (called supportive housing in this research), and nursing homes. While this basic continuum exists across Canada, provinces vary greatly in terms of the number and type of services that they offer. This is especially the case in Manitoba and Alberta. This research will compare the different care continuums in Manitoba and Alberta. Our results will help planners to better understand the strengths and challenges of their own care continuum, and to see the benefits of adopting certain features used elsewhere.

Assessing Emergency Department-to-Home Transitions for Frail Older Adults (Dr. Malcolm Doupe) Many frail older adults use emergency departments (EDs) as their first point of contact with the healthcare system. While these patients are often discharged home, several experience ongoing complications due in part to poor discharge planning. Other older ED patients are sent to hospitals unnecessary due to a lack of alternate follow-up care strategies. Currently, there is no agreed upon strategy to effectively transfer frail older ED patients back to the community, in ways that help them to continue to live successfully. Through workshops involving an international team of researchers, doctors, health system planners, and patients we will review different strategies, define what works from various perspectives (e.g., between patients and providers, across jurisdictions), and identify promising practices. Our longer-term goal is to develop an international network of experts in this area, with a mission to improve older adult care processes more generally.

iSTEP: An International Student Training and Exchange Project in Transitional Care (Dr. Malcolm Doupe) This collaborative will plan, pilot, and evaluate an International Graduate Student Training and Exchange Project - called iSTEP - between Norway and Canada. Improving healthcare transitions is a priority in each country, and iSTEP will give students the skills to help improve these transitions between nursing homes (NH) and emergency departments (ED) &/or hospitals (H) (i.e., NH⇄ED/H). iSTEP will provide instructional webinars, student-preceptor (healthcare planner, provider) collaborations, an international student exchange, and an in-person capstone workshop for an initial cohort of eight students.

iNET: An International Network to Enhance Older Adult Transitions between Emergency Departments & Communities (Dr. Malcolm Doupe) iNET will enhance older adult transitions between emergency departments (EDs) and communities by establishing a world-leading network of academics and healthcare stakeholders (e.g., decision-makers & providers) from Norway and Canada. Our team will strive to enhance academic-public sector partnerships and cooperation, and to enrich the quality of education and health services research in both countries. MSc and PhD students will be involved in all aspects of iNET, and structures to promote faculty and student mobility and strategic partnerships will be established. Our learnings will pave the way for iNET to expand its international research and cross-sectoral collaborations, to include additional countries in future endeavours.

Does Primary Care Reform Make a Difference? (Dr. Alan Katz) Cross jurisdictional study linking administrative and international survey data. We will compare the reforms in different jurisdictions and the associated outcomes in each jurisdiction (Ontario, BC, MB)

SPOR Projects – MCHP Researchers are involved in a number of Support for Patient Oriented Research Projects, funded by CIHR. The pan-Canadian SPOR Network in Primary and Integrated Health Care Innovations is a key CIHR initiative under the Strategy for Patient-Oriented Research and the Community-Based Primary Health Care Signature Initiative. It is a Network of networks that builds on regional and national assets in community-based primary and integrated health care, to foster a new alliance between research, policy and practice to create dynamic and responsive learning systems across the country that develop, evaluate and scale up new approaches to the delivery services. Dr. Alan Katz is a lead researcher in the Manitoba network.

The SPOR Canadian Data Platform, was funded in 2019, after many years of development, from an idea spawned in MCHP. It is pioneering a single stop for researchers to request access to health and social data from a variety of sources across the country. MCHP and the Centre for Healthcare Innovation under the leadership of Dr. Alan Katz and Dr. Lisa Lix will be leading the development of a Data Access Support Hub to support researchers to access data from across the country over the next year.
Areas of Research

MCHP has researchers focus their research in the following different areas, below are some of the current projects underway:

Children

PAX-Good Behavior Game (PAX) in First Nations Communities: Enhancing and Adapting a School-Based Mental Health Promotion and Suicide Prevention Strategy (Dr. Mariette Chartier) PAX is an evidence-based, childhood mental health promotion strategy that creates a nurturing school environment for children and has been shown to decrease suicidal ideation and attempts. With Swampy Cree Tribal Council communities, the research team aims to understand how PAX is working from First Nations perspectives in order to adapt and enhance it to be culturally grounded in their values, beliefs and traditions. With this knowledge, adaptations were made to improve the implementation of the PAX program in First Nations communities. Using data linkage to administrative data as well as interviews and focus groups, evaluation of these adaptations are ongoing.

Towards Flourishing: Improving the Mental Health among Families in the Manitoba Families First Home Visiting Program (Dr. Mariette Chartier) Towards Flourishing (TF) is an innovative mental health promotion strategy that focuses on improving the mental well-being of mothers and their infants in the postpartum period. TF has yet to be evaluated and so there remains a paucity of evidence on whether it is effective at improving maternal and child outcomes and whether further investment is warranted. Thus, in this study, we will determine the effectiveness of TF by examining the health and social outcomes of mothers and infants who received TF by using data linkage to administrative data.

REMAIN: Resilience after Maternal Incarceration: A Whole-Population Administrative Data Cohort Study of Children whose Mothers Experienced Incarceration (Dr. Nathan Nickel) Our study brings together researchers from the First Nations Health and Social Secretariat, the Manitoba Métis Federation, and the Manitoba Centre for Health Policy to understand children’s outcomes after their mother is incarcerated. Our study is looking at the experiences of First Nations and Métis families separately, adopting a distinctions based approach. We aim to identify factors that support success and positive outcomes for these children.

The LEOPARD study (Dr. Chelsea Ruth) is a collaborative study between Perinatology, Neonatology and Developmental Paediatrics which is building a multi-year birth based cohort to look at the effects of antenatal, perinatal and early life risk and protective factors on educational outcomes and child development. It is in the early stages of cohort formation with three study questions ready to go looking at the effects of antenatal, complex congenital heart disease and gestational age at birth on our outcomes.

Envision: Evaluating Home Visiting Interventions in First Nations Families (Dr. Marni Brownell) Partnering with researchers from the First Nations Health and Social Secretariat of Manitoba we have evaluated the Families First Home Visiting Program for First Nation children and families living off-reserve and are currently evaluating the Strengthening Families-Maternal Child Health Home Visiting Program for First Nation children and families living on reserve.

Leveraging Linked Administrative Data to Advance FASD Research and Inform Evidence Based Policy in Manitoba and Beyond (Dr. Marni Brownell) This study was developed in partnership with Healthy Child Manitoba with the objective of using the Population Research Data Repository held at MCHP to 1) evaluate the Manitoba government’s FASD strategy and determine the success of reducing the incidence of alcohol consumption during pregnancy; and, 2) describe the burden of physical and mental health co-morbidities experienced by individuals with FASD with the aim of guiding clinical management of FASD in pediatric and primary care settings.

Quantifying Social Disparities in Youth Justice System Trajectories - Evidence to Inform Policy Change (Dr. Marni Brownell) Partnering with researchers from FNHSSSM and from MMF, this project is exploring whether more severe and/or frequent penalties are applied to Indigenous youth as they move through the justice system. We are following several cohorts of youth charged with crimes through six separate decision points in the justice system; at each decision point we will compare rates of outcomes (e.g., charge proceeds vs. charge does not proceed) among First Nation and non-First Nation youth, and separately compare Métis youth and non-Métis youth.

Neonatal and Childhood Neurodevelopment, Health and Educational Outcomes of Children Exposed to Antidepressants and Maternal Depression During Pregnancy (Dr. Marni Brownell) This study is examining neonatal health, early childhood physical and mental health, and educational outcomes for children whose mothers took antidepressants during pregnancy. The population-wide data held at MCHP has allowed us to generate a comparison group of children whose mothers were diagnosed with depression during pregnancy.
but who did not take antidepressants. Results provide clinicians and their patients' information on which to base decisions about antidepressant use during pregnancy.

Newborn and child health and developmental outcomes of children exposed to domestic violence (Dr. Marcelo Urquia) This project aims to explore adverse outcomes associated with domestic violence. An important part of this project is to develop measures of domestic, family, and intimate partner violence based on administrative data.

Canadians Living With Disabilities
Understanding the Burden and Outcomes of Cancer for Canadians Living with Intellectual and Developmental Disabilities (Dr. Alyson Mahar) The goal of this project is to determine whether or not Canadians living with intellectual and/or developmental disabilities (IDD) are more likely than Canadians who do not have IDD to be 1) diagnosed with cancer; 2) diagnosed with incurable cancer; 3) not receive the right cancer treatment; and 4) to die of their cancer. To achieve our goal, we will perform simultaneous research studies of breast, colorectal, and lung cancer patients living in Manitoba and Ontario using data routinely collected during encounters with provincial health, social, and education systems. This study will provide the first Canadian research describing cancer outcomes for people with IDD.

Immigrants
Maternal and Newborn Perinatal Outcomes of Girls aged <18 (Dr. Marcelo Urquia) This project aims to quantify the prevalence and distribution of child marriage and its associations with adverse perinatal outcomes, based on nationwide Canadian data and from other countries.

Addressing Gender-Based Health Inequities Among Children and Youth in Immigrant Families in Manitoba (Dr. Marcelo Urquia) This project aims to identify whether there are sex differences in developmental outcomes among Children and Youth in various immigrant groups.

Family Medicine
A Retrospective Review of Membership within the Wellness Institute and Reh-Fit Centre’s Medical Fitness Model (Dr. Alan Katz) Comparing health outcomes of members of the two medical fitness centres with matched controls using administrative data.

Practice patterns among early-career primary care physicians and workforce planning implications (Dr. Alan Katz) Using administrative data to describe the practice patterns of early-career family doctors: where they practice and what they do.

The BedMed Initiative - Making Better Use of Existing Therapies (Dr. Alan Katz) Using administrative data to monitor health outcomes of patients in a clinical trial comparing patients who take anti-hypertensive medication at bedtime vs in the morning.

Older Adults
Evaluating Sub-acute Care Hospital Transitions for Older Adults: Understanding How, Why, and for Whom a Planned Intervention Works (Dr. Malcolm Doupe) Community-dwelling frail older adults are frequently hospitalized. Most are poorly prepared to return to the community which often results in emergency department visits, hospital re-admission, and transfer to a nursing home. ‘Subacute care’ is a type of hospital care designed to reduce these poor outcomes. Once a patient no longer needs regular hospital care, they are transferred from an acute to a subacute hospital bed, and provided with rehab care (e.g., to improve their strength and coping skills) until they are ready to return home. A team of expert researchers has partnered with planners in charge in this process and with patients who have been through it, to study how it is working.

Using Evidence to Inform Health Policy: Supportive Housing as a Case Study (Dr. Malcolm Doupe) The mission of MHSAL is to meet the health needs of individuals, families and their communities by leading a sustainable, publicly administered health system that promotes well-being and provides the right care, in the right place, at the right time. In keeping with this mission, MHSAL is advancing several strategic priorities designed to promote evidence-informed policy decision-making and accountability in Manitoba, and to build capacity and partnerships with regional planners to more effectively enact this process. Evidence shows Manitoba has the largest supply of nursing home beds in Canada, admits residents prematurely compared to other western provinces, and hence has relatively long lengths of nursing home stay. Additional research shows that SH in Manitoba lacks clarity in terms of its target population and purpose, and also has poorly defined client admission and separation criteria. Consistent with research emphasizing the importance of context, evidence and partnerships in policy evaluation, this postdoctoral fellowship will investigate how evidence can be used to enhance SH policies in Manitoba, with findings applicable to other healthcare regions.
Data Quality, Data Use, Developing New Analytical Methods

Accuracy of Risk Factor Diagnoses in Administrative Health Databases (Dr. Lisa Lix) This validation study will investigate misclassification biases in health risk factor diagnoses in administrative databases for diagnoses of obesity and chronic obstructive pulmonary disease (COPD) as a proxy measure of smoking in Manitoba by evaluating the validity of the ICD diagnosis codes from hospital discharge abstracts and physician billing claims.

Evaluating the Coverage and Comparability of Electronic Health Data for Chronic Disease Research and Surveillance (Dr. Lisa Lix) This research aims to compare and assess how representative the populations captured in electronic medical records (EMRs) are to the Manitoba population and compare behavioral risk factors and chronic health conditions measured in EMRs with those measured in administrative health data to assess their comparability.

Harnessing Population-Based Electronic Healthcare Records to Construct Family Health Histories for Accurate Disease Risk Prediction and Heritability Estimation (Dr. Lisa Lix) The research purpose is to measure lifetime chronic disease histories for parents and their offspring using record linkage techniques and test the utility of these lifetime histories for predicting disease risk and estimating disease heritability.

Comparing hospitalization rates, outcomes, and treatment intensity for elderly patients across OECD countries (Dr. Lisa Lix) The purpose of this study is to compare treatment and outcomes for older adults (>66 years) from 5 OECD countries (US, Canada (two provinces), Netherlands, Israel and England) hospitalized with one of five conditions: 1) hip fracture, 2) acute myocardial infarction, 3) ischemic stroke, 4) elective abdominal aortic aneurysm repair, and 5) congestive heart failure.

A Data Infrastructure for Monitoring the Impact of Cannabis Legalization: Data Collection and Linkage Strategies to Inform Health and Social Policy (Dr. Nathan Nickel) This study is validating a data collection tool that will record cannabis use information among Manitoba residents. This information can be linked with the administrative data housed in the repository for future research projects examining the health and social outcomes associated with legalizing non-medical cannabis use.

Identification of Frailty Using Administrative and Electronic Medical Records Data (Dr. Alan Katz) We are linking EMR and administrative data trying to develop a definition of frailty for the administrative data using Machine learning.

Beyond Structured Administrative Data project (BEST DATA) (Dr. Alan Katz) Exploring the use of Natural Language Processing to analyze free text that is recorded in Electronic medical records.

Derivation of risk prediction models and a computer microsimulation model in type 2 diabetes (Dr. Alan Katz) Using Manitoba data to validate the prediction models developed in Ontario.

Implementation of the Risk Factor Identification Tool (RFIT) (Dr. Alan Katz) Testing an algorithm based tool for patients to identify their behavioral health risk factors which is then uploaded into the EMR in family practice clinics.

Knowledge Translation

In keeping with our integrated approach to KT, we want to make sure that our research is focused on addressing problems that Manitoba’s policy planners and service providers need answers to. Close involvement of policy staff in our project teams and advisory groups helps us to shape the questions early on and keeps our research focused on providing answers that can lead to improvements on the ground.

Our Need to Know Team, led by Dr. Randy Fransoo, with membership from Manitoba Health, Seniors and Active Living, Regional Health Authorities and other partners, has been meeting for more than 15 years, and continues to evolve. This group is essential for planning our interactive workshop days with staff of key organizations in Manitoba.

Over the past year, we have worked hard to communicate beyond our usual contacts, to share the knowledge of the data repository and the potential uses of the data with other faculties and government departments. Our Executive team and MCHP researchers have been busy making presentations to social scientists, environmental scientists and deputy ministers across the provincial government.

This year we have been growing our new Public Engagement Group, begun last year. The group meets regularly and acts in an advisory capacity, working in partnership with MCHP researchers to ensure that the needs and priorities of the public are considered in our research.

Government and Stakeholder Workshops

The Manitoba Centre for Health Policy brings government departments and rural health agencies together to exchange information about research in the
province. These have grown over the years from focused days for health authorities, Department of Health, other government departments to a multi-department, multi-organization, multi-sectoral single Evidence to Action Workshop attended by in excess of 250 people on September 25th this year. MCHP staff facilitated at tables where staff from different government departments mixed with staff from health authorities. The focus of the day was a whole government approach, considering multi-sectoral impacts of social programs, and system coordination. In addition, our report *The Health Status of and Access to Healthcare by Registered First Nation Peoples in Manitoba* was released, with a panel made up of MCHP and Indigenous researchers, and First Nation Band Leaders who gave a presentation and answered questions.

**Social Media and Publication Tools**

Over the past few years, MCHP has been promoting the release of its government research reports using a range of social media and publication tools. This includes making key message graphics to post findings on social media in an easy to share format.

We share public and media friendly infographics through press briefings, our website, Facebook and Twitter.

**MCHP Hosted Researcher Forums**

Freyja Arnason Research Improvements through harmonization in Manitoba (RITHIM), June 12, 2019

- Alan Katz Revisiting Primary Care Provider (family physician and nurse practitioner) projection models, October 16, 2019

- Lisa Lix Gastrointestinal Endoscopy Utilization in Manitoba, August 14, 2019

- Nathan Nickel Methamphetamine consumption in Manitoba: A whole population descriptive study, November 13, 2019

- Jennifer Pepneck Making MCHP’s website more user-friendly, May 15, 2019

- Selena Randall Innovating the Deliverable Process, December 4, 2019

- Marcelo Urquia Immigration data linkage deliverable, September 25, 2019

- Nancy Young Aboriginal Child Health and Wellness Measure, October 2, 2019

- Chelsea Ruth Antibiotic prescribing in Manitoba, February 5, 2020

- Carolyn Shimmin Safe Spaces, Brave Spaces and Inclusive Patient/Patient Engagement in Health Research, January 22, 2020

**Staff**

**Research Academics**

- **Alan Katz**, Professor and Director, Senior Research Scientist
- **Marni Brownell**, Professor and Associate Director, Research and Senior Research Scientist
- **Mariette Chartier**, Assistant Professor, Research Scientist
- **Dan Chateau**, Research Scientist/Statistician
- **Malcolm Doupe**, Associate Professor, Senior Research Scientist
- **Randy Fransoo**, Assistant Professor, Senior Research Scientist
- **Lisa Lix**, Professor, Senior Research Scientist
- **Alyson Mahar**, Assistant Professor, Research Scientist
- **Nathan Nickel**, Associate Professor, Research Scientist
- **Colette Raymond**, Assistant Professor, Research Scientist
- **Leslie Roos**, Professor and Founding Director, Senior Research Scientist
- **Noralou Roos**, Professor Emeritus and Founding Director, Senior Research Scientist
- **Chelsea Ruth**, Assistant Professor, Research Scientist
- **Marcelo Urquia**, Associate Professor, Canada Research Chair in Applied Population Health, Research Scientist

**Research Manager:** Elaine Burland

**Post-Doctoral Fellows:** Thekla Brunkert; Andree-Ann Farfard St Germain, Heather Finnegan

**Research Coordinators:** Ruth-Ann Soodeen, Lead; Ina Koseva; Scott McCulloch; Jennifer Schultz; Dale Stevenson

**Research Project Coordinators:** Lindsey Dahl, Amy Freier, Farzanna Quddus, Lisa Zhang

**Research Assistants:** Lindsey Allen, John-Michael Bowes, Susan Burchill, Nkiru Eze
Repository

Charles Burchill, Associate Director, Data Access and Use

Mark Smith, Associate Director, Deliverables

Data Acquisition, Data Management Analysts:
Say Hong, Sathi Saha, Dave Towns, Senior Data Management Analyst

Repository Access and Documentation:
Theresa Daniuk, Assistant; Kara Dyck, Coordinator; Emily Jones, Assistant; Ken Turner, Data Analyst

Program and Analysis Systems, Data Analyst:
Heather Prior, Lead; Wendy Au; Matt Dahl; Shelley Derksen; Roxana Dragan; Oke Ekuma, Data Analyst & Statistical Consultant; Joykrishna Sarkar; Monica Sirski; Angela Tan; Carole Taylor; Randy Walld; Marina Yogendran

Information Technology: Rod McRae, Manager; Darrin Halabuza, Support

Administration and Finance

Selena Randall, Associate Director, Planning and Development

Kara Dyck, Executive Assistant to Director

Eileen Boriskewich, Get Your Benefits Administrator

Cara Jonasson, Graphic Designer

Jennifer Pepneck, Knowledge Broker

Sophie Buternowsky, Senior Grants Accountant

Jeannie Chen, Grants Accountant

Richard Salas, Finance and HR Assistant

Manitoba Follow-Up Study (MFUS)

Robert Tate, Director

Overview

MFUS is one of the world’s longest running prospective longitudinal health studies. Initiated in 1948, MFUS has been housed and operated continuously at the University of Manitoba Medical School. The original objective was to investigate the prognostic significance of electrocardiographic abnormalities in a cohort of 3,983 healthy young men. Over the last two decades the MFUS research focus has broadened from cardiovascular epidemiology to include current issues in gerontology such as the dynamic process of successful aging, nutritional risk among the elderly, perceived control of aging individuals, and frailty.

Research findings have been presented at international conferences including the European Society of Cardiology, the American Heart Association, the American Public Health Association, and the Gerontological Society of America, as well as at numerous Canadian national and local conferences. Sixty-six (66) peer-reviewed articles have been published in journals of cardiology, gerontology, epidemiology and general medicine. MFUS has encouraged collaboration with colleagues from other faculties and disciplines, including researchers in cardiology, biostatistics, gerontology, human nutritional sciences, medical rehabilitation, and psychology. Training future researchers and practitioners has also been an important MFUS activity with several mentorship opportunities for graduate, undergraduate, medical and post-doctoral students.

More details of this study can be reviewed on our website www.mfus.ca.

Key Activities

From its beginnings, maintaining regular contact with study members has been an integral part of MFUS. MFUS is now in its seventy-second year of continuous operation. At the time of a recent data base update (February 20, 2020), 3,901 men had a documented date of death. The remaining 82 members would be on average 96 years of age, with most (>90%) living in Canada, and a few others in the USA. An important aspect of any cohort study is the maintenance of contact with the participants. Twenty-three men are considered “on tracing”, men we have not recently heard from, and have no current address nor a confirmed notification of death. Among the other 59 men, we have heard from all but 6 over the past 12 months. In this accounting, fewer than one percent of the original cohort might be considered “lost-to-follow-up”.

There is at least twice yearly contact to monitor vital status and collect medical and survey data. Further, we contact study members’ physicians and hospitals to obtain details of health events. We contact next of kin and medical professionals to obtain information concerning cause of death of deceased study members.
STAFF

Robert B. Tate, PhD, Professor and Director

Dr. Audrey Swift, Research Associate

Dennis Bayomi, Research Analyst and oversees MFUS data management

Elizabeth Sachs, Research Assistant

Surandi Wadu Mesthri, Student Research Assistant

Clinical collaborators and MDs volunteering their time for clinical correspondence and medical record coding with the Manitoba Follow-up Study:

- Dr. Phil St. John
- Dr. Christie Macdonald
- Dr. Julia Uhanova

Academic collaborators at the University of Manitoba

- Dr. Christina Lengyel- Human Nutritional Sciences – nutritional risk assessment
- Dr. Depeng Jiang – CHS – longitudinal trajectory analysis
- Dr. Mahmoud Torabi- CHS – longitudinal analysis with missing data
- Dr. Julia Uhanova – College of Medicine – liver disease, cirrhosis and hepatitis
- Dr. Phil St. John – Section Head Geriatric Medicine – frailty and quality of life

Academic collaborators outside the University of Manitoba

- Dr. Edward Thompson, Sociology, College of the Holy Cross, Werchester, Mass, USA

A Brief History

During the second world war, young men from all across Canada voluntarily came from their communities to recruitment centers to enlist as aircrew for the Royal Canadian Air Force (RCAF). Dr. F.A.L. Mathewson, a Graduate of the University of Manitoba Medical School Class of 1933, was Deputy Director of Medical Services for the RCAF and oversaw their physical examinations. During the war years, he stored the medical records of height, body weight, blood pressure, and the electrocardiograms that had been recorded on these men. Between 1946 and 1948 he sought to re-establish contact with the men with an invitation to participate in a long-term medical study of cardiovascular disease. This was the origin of the Manitoba Follow-up Study (MFUS).

MFUS began on July 1, 1948 with a cohort of 3,983 young men. The mean age of the study participants was 31 years, and all men were free of clinical evidence of cardiovascular disease. The study protocol was to request physical examinations on a regular basis. Each man would be examined by his personal physician in his own community. The examination results including weight, blood pressure, and an electrocardiogram were sent to the University of Manitoba Medical School. The overall goal of this study was to document abnormalities that would appear on the electrocardiograms over time as the men aged, to determine the prognostic value of these abnormalities for subsequent incident cardiovascular disease. After the war about half of the cohort remained involved with aviation (approximately 2000 men), and about half of those (approximately 1000 men) were career pilots, mostly for commercial airlines. The other half of the cohort returned to school, to civilian occupations, to family farms, and to continue their lives with their families. During their careers MFUS members have lived in every province of Canada and throughout much of the USA. At times, many international pilots were based in other countries around the world. Wherever they lived, their medical records of physical examinations, physician diagnoses, and hospital discharge summaries, came to Winnipeg. The original records are kept intact, stored in large envelopes (one for each MFUS member) occupying 139 filing cabinet drawers. Over sixty peer-reviewed publications have been published in journals of cardiology, general medicine, epidemiology, and gerontology. Results have been presented at medical conferences locally, nationally and internationally.

There are many remarkable features to define MFUS. The study continues today, still with 82 men now at a mean age of 96 years. Very few men, less than one percent of the original cohort, have been lost to follow-up. A unique aspect of MFUS is that during the mid-1980s funding from the Canadian Federal Government ended. The MFUS members formed a committee and vowed to fund the day-to-day operation of the study to the year 2000. Each fall, a short medical update was mailed to each member. He would complete the form, and many would write a cheque for $10, $25, $50, or more, and return both the update and his cheque in the same envelope. During that time, three quarters of the operating budget for the study was funded through member donations. More recently, MFUS researchers have been successful in competitions to receive grants from smaller foundations,
the University of Manitoba, Research Manitoba and the
Canadian Institutes of Health Research. We continue to
receive donations from members, family of former members,
as well as from interested persons with no direct tie to the
members, or to MFUS.

VACCINE AND DRUG EVALUATION CENTRE

Dr. Salah Mahmud, Director

Summary

The Vaccine and Drug Evaluation Centre (VDEC) continues to be a vibrant research unit of the Department of Community Health Sciences, College of Medicine, University of Manitoba, with affiliation to the College of Pharmacy and the George and Fay Yee Centre for Healthcare Innovation (CHI).

VDEC Director, Dr. Salah Mahmud, elected to the Royal Society of Canada College of New Scholars in 2017, is the recipient of a Tier 2 Canada Research Chair (CRC) in pharmacoepidemiology and vaccine evaluation, first awarded from 2012-2017, ($500,000), and renewed in 2017 for an additional 5 years, (2017-2022, $500,000).

VDEC supports Dr. Mahmud’s and Dr. Righolt’s research programs, and provides computing, data management and methods support, including assistance with study design and data analysis, to researchers internal and external to the University of Manitoba, the Province of Manitoba and Canada. The VDEC team, comprised of epidemiologists, computer programmers/data analysts and support staff in addition to postdoctoral fellows and research assistants, currently manages more than 35 research projects including 15 projects led by (mostly new) researchers not directly affiliated the Unit.

VDEC is a secure high-performance computing platform to assemble, maintain and analyze massive healthcare and administrative databases, providing secure and direct access to clinical and administrative databases housed at the Manitoba Centre for Health Policy. Additionally, VDEC developed several software for related studies.

VDEC provides professionals and career-starters alike, access to a stimulating training environment to further their development. As a research hub, VDEC, dedicated to serving on a provincial, national and global level, has great potential to excel as an institution of excellence for multidisciplinary research, training, professional development, and knowledge translation.

Staff

Dr. Salah Mahmud - Director, Professor
Dr. Christiaan Righolt - Analytics Manager, Assistant Professor
Mrs. Andrea Toyne - Office Assistant
Dr. Xibiao Ye - Epidemiologist, Assistant Professor
Dr. Songul Bozat-Emre - Epidemiologist, Assistant Professor
Dr. Lauren Kelly - Researcher, Assistant Professor
Dr. Dylan MacKay - Researcher, Assistant Professor
Dr. Vanessa Poliquin - Researcher, Assistant Professor
Mr. Gurpreet Pabla - Programmer / Data Analyst
Mr. Geng Zhang - Programmer / Data Analyst
Dr. Enas Abdussalam – Volunteer

Students /Trainees

Dr. Alex Aregbesola - Post-Doctoral Fellow - Completed
Ms. Krista Wilkinson - PhD – In Progress
Dr. George Okoli - PhD – In Progress
Mr. Robertus van Aalst - PhD – In Progress
Ms. Hatice Guler-Berk - Master’s Thesis - In Progress
Tracie O. Afifi

My program of research addresses child maltreatment, mental and physical health, resilience and prevention.

Key Activities And Awards

2018-19 Canadian Institutes of Health Research (CIHR) Gold Leaf Prize for Early Investigator. The CIHR Gold Leaf Prizes are among the highest honours that can be bestowed on an individual or team for excellence in health research and its translation into benefits for Canadians. Each CIHR Gold Leaf Prize has a value of $100,000.

2020 Recipient of the Alexander Leighton Award in Psychiatric Epidemiology. This award was created in honour of Professor Alex Leighton, a pioneer and leader of Canadian psychiatric epidemiology. Its purpose is to recognize a person or group that has contributed significantly to the advancement of Canadian psychiatric epidemiology through innovative studies, methods development, teaching or knowledge transfer. It can relate to lifelong activities or to a recent significant achievement. This is a joint award from the Canadian Psychiatric Association and the Canadian Academy of Psychiatric Epidemiology.


Media

2019

Print and Online: Newsweek (January 25, 2019, Spanking children linked to antisocial behavior in adulthood by Kashmira Gander); Reuters (January 30, 2019, Physical punishment of kids tied to antisocial behavior in adulthood by Lisa Rapaport); Global News (March 26, 2019, A Welsh ban on smacking kids would leave reporting up to passersby-is that a good idea? By Jane Gerster).

The Globe and Mail (June 20, 2019, Tracie Afifi wins national award for work on child abuse by Ivan Semeniuk); Global News (June 20, 2019 U of M researcher honoured with $100,000 prize in Ottawa by Sam Thompson); CBC (June 21, 2019 U of Manitoba researcher wins national health research prize for child abuse studies by Dana Hatherly); The Winnipeg Free Press (July 8, 2019, U of M research receives prestigious prize by Danielle Da Silva).

Staff

2019 In PhD Programs: Isabel Garces
In Masters Programs: Samantha Salmon, Shannon Struck
Research Associates: Tamara Taillieu; Janique Fortier; Shay-Lee Bolton

2020 In PhD Programs: Isabel Garces
In Masters Programs: Samantha Salmon, Shannon Struck
Research Associates: Tamara Taillieu; Janique Fortier

Robert Chase

Key Activities

Dr. Chase provides occupational medical services to MFL Occupational Health Centre (Winnipeg CHC) and LAMP Occupational Health Program (Toronto CHC).

He gives undergraduate medical education student lectures on immigrant health and perspectives on global health and armed conflict and violence; tutorials in population health; and mentored medical students on clinical electives in developing countries (Allan Klass Memorial Program).

His main research focus is Life Story Board (LSB) methods evaluation and applied research. LSB is a versatile visual
schema and interview tool to depict narrative. Website: http://vidaview.ca. In counselling, LSB co-construction engages the client in a guided cognitive expressive process. As a qualitative research interview tool in social research LSB elicits rich, contextualized information.

**Current research projects include:**
A 2019 MED summer research project piloted Life Story Board as a tool for residential counsellors at two program sites of Addiction Foundation of Manitoba AFM. It received the Shared Health Award for Client-Centred Care. It led to plans to train AFM counsellors in at Winnipeg Adult Mens program site in 2020 and collaboration on a research project proposal to clinically evaluate its use in a randomized controlled treatment trial.

‘Building Relationships’ proposes to develop a community-driven and culturally-adapted dating violence prevention program for Indigenous teens. One project component is to develop an Indigenous LSB. Project partners are: Ndinawemaaganag Endaawaad (Ndinawe), Ma Mawi Wi Chi Itata (Ma Mawi), and RESOLVE (U of M). It is funded by Public Health Agency of Canada PHAC - Preventing Gender-based Violence the Health Perspective ($1 million for five years).

**Sandor Demeter**

**Key Activities**
- Transfer of primary GFT appointment from Radiology to CHS.
- New appointment to the Health Technology Expert Review Panel - Canadian Agency for Drugs and Technologies in Health (CADTH) (term September 1, 2019 – August 31).
- U of M Nuclear Medicine Residency Training Committee member 2002 to present
- Attended conferences:
  - ICRP International Symposium, Adelaide, Australia, November 17 – 23, 2019
  - Canadian Agency on Drugs and Technologies in Health. Supporting Health System Transformation, Edmonton April 14 – 16, 2019.

**Linda Diffey**

**Key Activities**
- Co-Principal Investigator, Prairie Indigenous Knowledge Exchange Network (PIKE-Net), a CIHR funded project to support Indigenous graduate and undergraduate students interested in First Nations, Métis, and Inuit health research. The program is managed by Ashley Edson, and provides mentorship and research awards to students at the U of M, U of W, UCN, and Brandon University.
- Doctoral research focusing on the experiences of medical school educators who teach Indigenous health using an anti-racist/anti-colonial framework
- Co-Investigator on Indigenous knowledge and wellness practices disrupting biomedical colonization: Research governed by decolonizing and two-eyed seeing methods (PIs Jeff LePlante & Dr. Annette Schultz)
- Continue to be involved in the teaching and planning of the UGME Indigenous Health longitudinal course, particularly in the working group to develop student assessment processes, such as OSCE stations, for the course
- Member of working group to develop an anti-racism policy for Rady Faculty of Health Sciences
- Along with Drs. Barry Lavallee and Adrienne Morrow, developed and delivered an 8 week teaching module for clinicians in rural/remote First Nations communities. The module provided training on the principles and practice of culturally safe/anti-racism in health care and the supervision of medical trainees.
- Engaged with leaders at the Children's Hospital Research Institute of Manitoba (CHRIM) and the Department of Pediatrics to support their efforts in fostering culturally safe practices among staff and trainees, including a keynote presentation on anti-racism at the annual Department of Pediatrics retreat.
- Anti-Racism Workshop to Support Health Educators: one-day workshop, supported by Ongomiizwin and developed in collaboration with Chelsea Jalloh (CHS) and Anita Enns and Joanne Hamilton (Office of Education and Faculty Development). This pilot workshop was attended by 14 faculty and staff from RFHS, and provided the basis for a successful application to the Indigenous Initiatives Fund for a 2 year project to develop a network to support anti-racism and Indigenous health education across the five colleges in health sciences.

**S. Michelle Driedger**

**Key Activities**
During the 2019-20 fiscal year, Dr. Driedger continued to advance her multiple research programs - both those that are ongoing from previous years as well as new projects related to the COVID-19 pandemic.
Dr. Driedger is a co-Principal Investigator for a CIHR-supported project that is examining participatory risk communication among First Nations, Métis, and Inuit youth. Over the past three years, Dr. Driedger has been leading the Métis case study in partnership with the Manitoba Métis Federation (MMF). For this project, Dr. Driedger and her team are carrying out an evaluation of culture camps for Métis youth that are organized and run by the MMF. These camps have been developed by the MMF to teach Métis youth about Métis history and cultural traditions as a means to strengthen leadership and communication skills, self-efficacy, and Métis identity. Over the last year, Dr. Driedger and her team took part in three MMF youth culture camps, one in Shell River, one in Boissevain, and one in Swan River, Manitoba. While carrying out data collection through surveys, discussion groups, and arts-based activities, camp attendees learned about Métis culture from local Elders and community members. Learning-based activities have included Michif language, fishing, ice-fishing, GPS wayfinding, sash-weaving, traditional food preparation, and more. This project is being adapted to the current COVID-19 context by inviting Métis youth to contribute videos of health promotion during the pandemic.

Dr. Driedger is also leading and collaborating on two studies that were in the process of completion over the past year and were funded by the Canadian Immunization Research Network (CIRN), both of which were investigating ways to address vaccine hesitancy by refining communication strategies. The first involved testing different vaccine information communications interventions and their interaction with people’s decision-making tendencies. A nation-wide survey was completed in the last year and survey results are now being analyzed. The second CIRN project involves conducting interviews with expectant parents and gathering their opinions on existing and developing vaccine information sources.

Dr. Driedger is also leading a CIHR-funded study that is investigating patient-doctor interactions in the context of recently promoted initiatives to decrease unnecessary testing and treatments for common ailments. Data collection is expected to begin soon. Another CIHR-supported study is examining perspectives of immigrant and refugee women on the factors supporting improved childhood immunization access, uptake, and messaging, for which data collection has now been completed in the past year.

Since the onset of the COVID-19 pandemic, Dr. Driedger is now very busy leading research initiatives to document public perspectives of the virus and of the efforts of health and political authorities to mitigate the pandemic’s worst effects. She is part of two national and one international ad hoc advisory committees to provide advice and guidance around survey items, general risk communication principles and applying them to a COVID context, and potential implications for vaccine hesitancy.

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**Service On Graduate Student Committees**

**Master’s**

- **2018 - Present:** Regalado, Zoe, MPH, Community Health Sciences, TBD
- **2018 - Present:** Ho, John, MPH, Community Health Sciences, TBD
- **2018 - Present:** Casaclang, Natalie, MPH, Community Health Sciences, TBD
- **2018 - Present:** Bale-Nick, Megan, MPH, Community Health Sciences, Working with Dietitians Canada
- **2018 - Present:** Condon, Amanda, MSc, Community Health Sciences, Clinically Defining Homebound Patients to Develop Better Community-Based Primary Care Practices.
- **2018 - Present:** Lerner, Jordyn, MPH, Community Health Sciences, Process Issues to Consider for Developing Research Surveys in the Winnipeg Regional Health Authority
- **2018 - 2019:** Benoit, Peter, MPH, Community Health Sciences, Primary Care and Public Health: Friends, Foes, or Frenemies?
- **2017 - Present:** Napier, Janet, MSc, Community Health Sciences, Attitudes of vaccine hesitant parents towards childhood immunizations.
- **2016 - Present:** Visperas, Anna. MSc, Community Health Sciences, Exploring vaccine hesitancy among Canadian parents.
- **2016 - 2019:** Cholette, Francois, MPH, Community Health Sciences, Expanding Sexually Transmitted and Bloodborne Infection Testing from Dried Blood Spot Specimens for the Tracks Enhanced Surveillance System: A Systematic Review. Current Position: Doing a PhD in Medical Microbiology and Infectious Diseases at the University of Manitoba.

**Staff**

**Ryan Maier** 2012 to present

**Karen Duncan**

**Key Activities**

**Courses Taught**

- CHSC 7230 Families and Care Across the Life Course, Graduate, 2 students, Summer 2019, 3 credit hours.
- FMLY 2400 Family Financial Health, Undergraduate, 24 students, Fall 2019, 3 credit hours.
- FMLY 3400 Families as Consumers, 15 students, Fall 2019, 3 credit hours.

**Graduate Student Advising**

Advisor to one doctoral student. Thesis committee member for one Community Health Sciences master’s student, one Family Social Sciences master’s student.
Research Activity
My research this year continued to focus primarily on the costs of family care to children and to adults. I provided significant service in this area to the Public Interest Law Centre by providing an expert opinion on the cost of raising children for one of their court cases. In addition, I continued new research on financial well-being using data from Statistics Canada’s 2014 Canadian Financial Capability Survey.

In September, I became President of my professional society, the American Council on Consumer Interests (ACCI). Other highlights included working on the Financial Consumer Agency of Canada Research Committee on Financial Literacy and developing new research partnerships in the area of financial well-being.

Professional and Community Service
President, Board of Directors, American Council on Consumer Interests.
Member, Financial Consumer Agency of Canada Research Committee on Financial Literacy.
Manitoba Financial Literacy Forum.
Vanier Institute of the Family.

Joan Durrant
Key Activities
Teaching
Two undergraduate courses:
FMLY 3806 Children, Violence and Rights
FMLY 4604 Children in Adversity

Training/Mentorship

Community Engagement
Consultant, Sport Information Resource Centre (SIRC) and Canadian Centre for Ethics in Sport (CCES) on Universal Code of Conduct to Prevent and Address Maltreatment in Sport.

Member, Board of Advisors, US Alliance to End Corporal Punishment of Children in Canada. Multidisciplinary network advocating for law reform and public education in Canada.

Member, Oversight Committee, Champions for Children/Prevent Child Abuse Hampton Roads (Virginia) ‘No Hit Zone’ Campaign. Initiative to create No Hit Zones in hospitals in the region.

Member, Resource Committee, Working Group to End Corporal Punishment in the United States. Group of high-level professionals creating strategies to end corporal punishment of children in the US.

Member, Canadian Network on Ending Physical Punishment of Children.

Founder and Coordinator, Global Information Network on Physical Punishment. Knowledge dissemination list serve with over 200 members in all regions of the world.

Knowledge Translation
Partnered with Families Canada (national organization) on two projects: 1) the creation of two professional videos on positive discipline for newcomers to Canada (funded by Citizenship and Immigration Canada); and 2) a project preparing newcomer seniors to interact with young children as part of their settlement process.

Since 2006, I have collaborated with Save the Children Sweden on a global violence prevention project: Positive Discipline in Everyday Parenting and Positive Discipline in Everyday Teaching. I created both of these programs, which are now being implemented in more than 40 countries. I coordinated program delivery in Canada, Korea, Latin America, Lithuania and Vietnam in 2019-2020.

Support Mosaic Newcomer Family Resource Network (Winnipeg community agency) to deliver Positive Discipline in Everyday Parenting (PDEP)< a program I created, to newcomer parents in Winnipeg on a continuous basis. Mosaic has trained more than 300 program facilitators who are delivering the program within newcomer communities in more than 20 languages.

Since 2002, I have worked with Children’s Hospital of Eastern Ontario (CHEO) on the Joint Statement on Physical Punishment of Children and Youth, a national knowledge translation initiative. I am principal author of this document. In 2020, we reached 649 endorsements from professional organizations from all sectors across the country.

Brenda Elias
Key Activities
Dr. Elias teaches core concepts of public health, social organization and health, and health survey research methods. Dr. Elias is the Principal investigator of “Translating to the Community: A social epigenetic study.
of FASD”. This CIHR and Kid’s Brain Health Network and Manitoba Liquor and Lotteries funded social biobank is linked to an international FASD consortium that is seeking to improve pathways for an FASD diagnosis and to develop an early diagnostic biomarker tool for FASD and associated co-morbidities. Complementing this study, Dr. Elias is the nominated Principal Investigator and Program Director of the SSHRC-Partner funded “Looking after each other: A dignity promotion partnership project to address the stigma and discrimination experienced by children, adults, women, families and communities impacted by PAE and FASD.

Dr. Elias is also a founding member and Manitoba lead of the newly created Canadian Indigenous Research Network Against Cancer (CIRNaC) which is working with the Canadian Partnership Against Cancer to identify and produce performance indicators for Indigenous cancer prevention and control. She is also a longstanding member of the International Group for Indigenous Health Measurement which is working with statistical agencies and the United Nations to improve health statistics for Indigenous people worldwide. Dr. Elias directs the Community Health Sciences Bold Ideas Colloquium Series, which showcases the departmental research of graduate students, faculty members, and associated researchers and colleagues.

Lawrence Elliott

Key Activities

My scholarly activity includes collaboration on applied epidemiological research and knowledge translation on issues of public health importance in Manitoba, including multiple sclerosis, sexually transmitted infections, physical activity, and perinatal health, as well as knowledge synthesis on emerging policy-relevant issues of public health importance, such as the emergence of electronic scooters in North America (primarily injury risks).

Undergraduate Medical Teaching and Supervision

2019: Tutorial leader, Med 1 and 2 tutorials, Population and Public Health Course

2019: Lecture/Small Group Med 3, “The Role of the Urban Medical Officer of Health in Health Promotion and Healthy Built Environment”

2019: Preceptor, Clerkship Elective in Public Health, WRHA

2019: Faculty Advisor, Undergraduate Medical Student “Public Health Interest Group”

Graduate Course Teaching

CHSC 7530 Principles of Epidemiology II (Public Health Epidemiology): Continued advisory role to Dr. Tammy Stuart Chester, and Guest lecture 2019 “Applying Epidemiology to Prevention”

Graduate Student Supervision

Committee memberships (in progress 2019): 2 PhD (Krista Wilkinson, Ebtihal Ali), 2 MSc (Hatice Guler-Berk - CHS, Melanie Tillman - Pathology); 2 MPH students

MPH Committee (Completed/Graduated 2019): 4

Postgraduate Medical Teaching and Supervision

2019: Supervisor of PHPM Resident on longitudinal rotation with Winnipeg Regional Health Authority Population and Public Health Program (Supervised Dr. Marc Wallace in 2019)

2019: PHPM Academic Half Day seminar – “Strategic Planning”

2019: Presentation on “E-Scooters – An Emerging Public Health Issue” at PHPM Orientation – Boot Camp session

Innovations/Improvements in Teaching

1. Revised and updated Med 3 Session on “The Role of the Urban Medical Officer of Health in Health Promotion and Healthy Built Environment”. Positive feedback on session received from students.

2. Updated and revised seminar for CHSC 7530, “Applying Epidemiology to Prevention” based on current public health surveillance data, including STBBI and crystal methamphetamine epidemics.

3. Conducted literature review on public health implications of emerging issue of dockless, shareable, electronic scooters.

Knowledge Synthesis

Scientific and lay literature review on emerging public health issue created by electronic scooters; synthesized and presented this evidence twice:

1. Urban Public Health Network (Medical Officers of Health from all major Canadian cities) AGM, Banff AB, 2019

2. PHPM Residents Orientation/Boot Camp 2019

University Committee Work (2019)

1. Full-time CHS Faculty representative to Faculty Executive Council, Rady Faculty of Health Sciences (new)

2. Chair, Department of Community Health Sciences Department Overhead Advisory Committee (GFT Committee)

3. Member, Dean’s Fund Advisory Committee, Max Rady College of Medicine
4. Board Member, University Medical Group, Board of Directors
5. Member, Master of Public Health (MPH) Advisory Committee, Department of Community Health Sciences
6. Member, Department CHS Ad Hoc Committee to review MPH Program
7. Member, Postgraduate Medical Education Committee, Public Health and Preventive Medicine Residency Program, University of Manitoba
8. Member, Dr. Paul H.T. Thorlakson Foundation Fund Advisory Committee, University of Manitoba
9. Member, Dr. Christine Egan Memorial Scholarship Fund Advisory Committee, The University of Manitoba

Administration/Service to Professional/External Organizations
Canadian Urban Public Health Network (UPHN), Winnipeg Regional Health Authority Representative 2013 – 2016, Executive Member 2017 – 2019

Board Member, Health In Common (Non-Profit Planning and Evaluation Consultant Organization), Winnipeg, 2015 – 2019

Evelyn Forget
Key Activities
Evelyn Forget is an active advocate for Basic Income in Canada and around the world. She gave several media interviews to Canadian and international publications, wrote a series of op-eds, presented evidence to the Senate of Canada (Finance Committee) and appeared twice before the All-Party Caucus on Poverty Reduction in Parliament. She prepared webinars for the Anglican Bishops of Canada, Humanist Societies of Canada, MP Leah Gazan, The Tamarack Institute and the History of Economics Society. She recorded podcasts for NPR, CBC (Cost of Living), New Left Radio, Senator Kim Pate, MP Nate Erskine-Smith and several others.

Dr. Forget prepared and delivered a short course in the use of field experiments in economics to a graduate class at the Université de Lyon in winter 2020. She hosted Oxford University undergraduate student Daniel Park in the summer of 2019 who visited on a research scholarship. The second edition of her most recent book, Basic Income for Canadians, will be released in autumn 2020.

Selected Keynotes and Plenaries
2019 St. Dunstan’s Institute for Christianity and Culture (PEI), March 13.
2019 Jennifer Keck Memorial Lecture on Social Justice, Laurentian University, March 7.

Andrew Hatala
Key Activities
We continue to advance our CIHR research with Indigenous youth in Winnipeg, Saskatoon and Halifax. This involves Participatory Action Research projects with young people on health related needs they have identified in their community. We also continue to advance projects in Belize, looking at social and cultural aspects of patients with diabetes.

Staff
Darrien Morton Winnipeg Coordinator
Kelley Bird Naytowhow Saskatoon Coordinator
Lindsay Allen
Chinyere Nieze
Toni Goree Halifax Coordinator
Sidney Legget Website Design and IT

Christine Kelly
Key Activities
In 2019-2020, Dr. Kelly finalized work on a national study on directly-funded (DF) home care for older adults, funded by CIHR. This year focused on dissemination with the preparation of three manuscripts and three conference presentations. The research discovered that home care workers in directly-funded home care engage in ‘social task shifting,’ a more flexible scope of work than workers in other settings. There are three graduate research assistants and one research associate working on this project. Building on this work, Dr. Kelly led the preparation of a follow-up CIHR project grant competition, which was funded in the fall competition, ranked 3/41. This new study will explore “perennial policy issues” related to directly-funded home care – that is recurring debates that resist standardized conclusions, even in synthesis and review studies.

The new project is on hold due to COVID-19, and Dr. Kelly pivoted to lead or co-lead teams in the preparation of proposals for three funding competitions seeking to explore on how COVID-19 is affecting home care services in Manitoba from the perspectives of clients, unpaid caregivers, and paid care workers. Dr. Kelly joined a research team in Nova Scotia lead by Dr. Katie Aubrecht that is exploring supports for people with dementia during COVID-19.

Getting books to print with academic publishers is a long process, and 2020 saw the production of The Aging—Disability Nexus (2020, UBC Press). Dr. Kelly is co-editor
along with Drs. Katie Aubrecht and Carla Rice. The book brings together scholarship from critical disability and aging studies from interdisciplinary social sciences and humanities fields.

Dr. Kelly is involved as a co-investigator on five projects. One project integrates intersectionality into the field of knowledge translation (PI: Straus). Dr. Kelly plays a major role in this project, reviewing documents and materials, and attending meetings on a regular basis. Dr. Kelly is an active member of another project that is based at the University of Manitoba (PI: Porter) that is exploring renovations to a dementia unit in a personal care home in Winnipeg. Dr. Kelly is a co-investigator on a project on dementia and mental health in residential care (PI: Aubrecht). Most recently, she is leading work that includes a transfer of funds to develop a creative way for measuring the outcomes of disability art; this is a branch of a larger SSHRC funded project (PIs: Rice and Chandler).

Dr. Kelly taught the second-year “Diversities and Families” course again in the fall term. In the Winter, Dr. Kelly taught the graduate course “Advanced Qualitative Methods in Community Health Sciences” and the large tri-listed undergraduate course Social Aspects of Aging (FMLY/REC/SWRK 2650). These classes were moved online. She was involved in Undergraduate Medical Education again this past year. She coordinated the “Disabilities and Independent Living” course, and lectured on qualitative methods. Dr Kelly delivered three guest lectures.

She sits on 6 graduate student committees, two of which completed their studies this past year. She is supervising PhD Student Lisette Dansereau, and has three incoming graduate students.

In terms of service work, Dr. Kelly served as a Peer Reviewer for a number of competitive funding agencies this year. Dr. Kelly is elected as the Divisional Representative for Social Sciences on the board of directors for the Canadian Association on Gerontology. She is a member of the Department Executive Committee and was nominated as a member of the Senate Committee on Academic Accommodation Appeals.

Sara Kreindler

Key Activities
- Multi-jurisdictional study on patient flow: Analysis complete; decision-maker chapters written, manuscripts in progress/submitted. Anticipated output somewhat lower than expected due to disappointing findings, but expected yield still 4-6 papers.
- Secured an extension on my Chair funds for a new project involving arts-based knowledge translation. Research-based theatre script/score complete, ethics approval received, planning underway – but stalled by COVID-19.
- Theoretical paper on system change and the two remaining papers from Primary Care study published
- One MSc student graduated. Supervising a PhD student.
- Preceptor for CHI Applied Health Services Leadership Program
- Ongoing consults to health-system decision-makers, directly and indirectly through WRHA research staff

Javier Mignone

Key Activities
Teaching
- Taught FMLY 3790 “Introduction to the Evaluation of Programs for Children & Families” (60 students) (January – April 2020)
- Taught FMLY 4012 “Social Development Policies” (11 students) (January – April 2020)

Graduate supervision
- Advisor of 3 Master’s students and 4 PhD students
- Committee member of 6 Master’s students and 10 PhD students
- External referee of 1 PhD student
Research

- Anas Wayuu Intercultural Health Care Initiatives: An Effectiveness Study: In partnership with Anas Wayuu (Indigenous health organization from La Guajira, Colombia) (Dr. Beda Suarez Aguilar) we have started a 1 ½ year research project seeking to assess the impact of several of their intercultural health programs.

- Evaluation Capacity Network: Collaborating for Impacts in Early Childhood Practices, Programs, and Policies: I am part of this large SSHRC funded partnership initiative (PI Dr. Rebecca Gokiert, University of Alberta) supporting research, capacity building and collaborations related to evaluation, with focus on early childhood programs and policies. This partnership builds on the work being done by the research group I lead at UM, the Program and Policy Evaluation Research Group (PROPER).

- Caracterización molecular y factores asociados a la infección por el Virus de la Hepatitis B en población indígena de Colombia: un estudio de casos y controles: I am working with colleagues (Dr. Carlos Rojas and Dr. Diana Castro) from the Universidad de Antioquia, Medellin, Colombia on this Hep B study in collaboration with several Indigenous communities in the Amazon regions and La Guajira regions of Colombia.

- Remote Control: Implementing Community Based Research in Northern Manitoba: I was co-principal investigator (in partnership with the 595 Harm Reduction Team) of a CIHR funded ($446,687) 3-year project Remote Control: Implementing Community Based Research in Northern Manitoba, that started late 2016. The aim of the project is to better understand and document the lived experience of people living with HIV and affected individuals, families and communities in relation to HIV/AIDS care, treatment and support in Northern, rural and remote communities in Manitoba. During 2019 I worked together with the research coordinator and co-investigators to support community-based research teams from three participant sites: Cree Nation Tribal Health community, Flin Flon, and Selkirk. They each completed one CBR study and findings were presented to stakeholders.

- Abecedarian Study: I was co-investigator in a 2-year SSHRC funded study Exploring the impact of the Abecedarian Early Childhood Intervention on Parents and Caregivers in a Subsidized Housing Complex, led by researchers at Red River College. The study was completed in late 2019 and two peer-reviewed manuscripts were drafted, one already accepted. Other creative means of dissemination were also conducted.

- Process and Impact Evaluation: Firefly SNAP Program for Kenora: Dr. Depeng Jiang (PI) and I produced the fourth annual report and the final study report. We also presented findings to stakeholders in Kenora.

- A Complex Systems Approach to Educational Change Thompson evaluation project: PI Dr. Thomas Falkenberg, Faculty of Education, The University of Manitoba.

- Ka Ni Kanichihk “You Matter” Stop Youth Dating Violence Project: Together with Dr. Aynslie Hinds (Institute of Urban Studies at UW and adjunct assistant professor in CHS) we are assisting an Indigenous urban social organization Ka Ni Kanichihk to evaluate their 5-year PHAC funded youth dating violence prevention program.

Program and Policy Evaluation Research Group

We continued with related to the Research Group’s objectives to: 1) Foster university-community collaboration on program evaluation, prioritizing providing service to small agencies and/or community based organizations; 2) Link students and faculty members with agencies and other evaluation stakeholders to provide practice program evaluation practicum opportunities for students; 3) Increase formal and informal training opportunities on program evaluation for university students, faculty, staff, alumni, outside organizations, and the general public (e.g., Summer Institute); 4) Conduct research on program evaluation and use of information.

Among the highlights was supporting ten non-profit agencies with their program evaluation needs and the creation of opportunities for student involvement in this work. Among other collaborations with local non-profits was supporting the evaluation of the Bear Clan Patrol Food Security Program.

Other Activities

Collaboration with Toribio municipality and Indigenous Nasa Health Program – Cauca, Colombia, to develop “Health Situation Room” to monitor health and social indicators. We held several capacity building courses with members of the Nasa Health Program.

Together with Leona Star (First Nations Health and Social Secretariat) we organized and hosted a one week visit to Manitoba of 10 members of the Nasa Health Program in May 2019.

In January 2020 I hosted a one-week visit to Winnipeg of three members of the Indigenous Health Organization Anas Wayuu (La Guajira, Colombia) to plan the development of evaluation and health information analytical unit within their organization.

During 2019 and early 2020 I coordinated the CIHR International Infectious Disease and Global Health Training Program’s Infectious Minds monthly seminars.
Reviewer in several peer-reviewed journals and funding bodies (e.g., CIHR, Saskatchewan Health Research Foundation).

**Caroline Piotrowski**

**Key Activities**
Offered Summer Institute in Trauma-informed Approaches & Care in June 2019 for the first time with strong graduate (n=10) and undergraduate (n=10) enrollment

Presentation to the Centre for Interdisciplinary Trauma Research at the Auckland Institute of Technology on January 31 2020.

**Staff**

**Margherita Cameranesi,** PhD Candidate; Research Associate

**Pierre Plourde**

**Key Activities**
Member Undergraduate Education Committee, Department of Community Health Sciences

Member Test Committee in Objective Structured Clinical Examination (MCC Qualifying Examination Part II), Examination Board, Medical Council of Canada

Member Data Collection Working Group, GeoSentinel global infectious diseases surveillance, International Society of Travel Medicine and the US Centers for Disease Prevention and Control

Member Promotions Review Committee, Max Rady College of Medicine

**Medical Student Undergraduate Teaching**
10 hours lectures per year
15 hours tutorials per year

**Graduate Course**
Clinical Parasitology (MMIC 7140) course delivered every two years; course coordinator

**International Interprofessional Healthcare Elective**
Coordinator, in collaboration with Université Lumière in Port-au-Prince, Haiti (for final year medical and nursing students); delivered in Port-au-Prince, Haiti; 150 hours per year

**Awards**
Clinical Educator of the Year Award for Post-Graduate Resident Education, Department of Medical Microbiology & Infectious Diseases (2019)

- Nominated for Teacher Award – Best Teaching in Small Group Setting, Medicine I
- Nominated for Teacher Award – Innovation, Medicine I
- Nominated for Teacher Award – Inspiration, Medicine I
- Nominated for Teacher Award – Mentorship, Medicine I
- Nominated for Teacher Award – Best Teaching in Small Group Setting, Medicine II
- Nominated for Teacher Award – Innovation, Medicine II
- Nominated for Teacher Award – Inspiration, Medicine II
- Nominated for Teacher Award – Mentorship, Medicine II

**Kerstin Rogers**

**Key Activities**
Promotion, Full Professor
Research Leave, Jan-July 2020
Co-editing a book, Routledge
3 Community Reports submitted
16 Academic papers, submitted or published
1 copyright confirmed
Review articles, 1 a month
5 PhD and Masters supervision / committees
6 students/RAs, Supervised in research teams
8 webinars, talks, conferences, led by myself
7 ongoing research teams, regular meetings
3 workshops, attended for professional development (iclicker)
Taught: 1 graduate class, 1 undergraduate class
ELAP international award, PhD student from Brazil, 6 months.

**Administration**
Director, Undergraduate Program until December 2019. I worked directly on a daily basis on program related matters with Shelly Goodacre, Administrative Assistant.

**Teaching**
Graduate class, CHSC 7710; Undergraduate class, FMLY 3220.

**Copyright**
Restall, G., Roger, K., & Diaz, F. (2020). Workplace disclosure decision guide: For people living with HIV. University of Manitoba.

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**Student Committees**
Barbara Tallman, PhD defense 2019, committee member
• Jane Karpa, PhD defense 2019, committee member
• Daniel Omolola, Masters committee member, defended 2019
• Michelle Wright, Psychology, PhD committee; and, proposal defense
• ELAP, Brazil. PHD Award student exchange: supervision of Camille Auatt (5 months, weekly meetings)
• Anne Waugh, Nutrition, Masters committee; and, proposal defense

Staff
PAF: Marina Cewick, Labe Songose, Kelly Hall, Carla Liepert

Kathryn Sibley

Key Activities
• Received two research grants as Co-PI (total funding $380,000) and five research grants as Co-I – total funding $1.1 million
• Published six peer reviewed papers as first and last author and five papers and two abstracts as co-author
• Four organized symposiums, three podium presentations, four poster presentations, and two invited presentations
• Reviewed three manuscripts for three different journals
• Supervised six students as primary advisor and four as committee member

Staff
Touchette A and Khan M – Research Coordinator
Siwach I, Steliga D and Jansson A – Research Assistant

Audrey Swift

Key Activities
I’m a full-time Instructor II in the Department of Community Health Sciences Interdisciplinary Health Program (IHP), and a part-time Contact Leader at the Manitoba Follow-up Study (MFUS).

Undergraduate Teaching in IHP
Summer 2019
HEAL 2600 A01 - Integration of Health Determinants of Individuals, 24 students

Fall 2019
HEAL 2600 A01 - Integration of Health Determinants of Individuals, 125 students
HEAL 4600 A01 - Integration of Health Determinants for Canada and the World, 33 students
FMILY 2012 (Distance Ed) - Development, Conflict, and Displacement, 52 students
FMILY 3780 - Introduction to the Development of Programs for Children and Families, 76 students

Winter 2020
HEAL 2600 D01 - Integration of Health Determinants of Individuals (online version which I recently developed), 70 students
HEAL 3600 A01 - Integration of Health Determinants for Communities, 50 students
HEAL 4610 A01 - Health Studies Capstone, 9 students
HEAL 4620 A01 - Health Sciences Capstone, 22 students

Mentoring
I was on the thesis committee of Ms. Elizabeth Sachs, who successfully defended her Masters thesis on March 20th 2019 in the Department of Community Health Sciences entitled, “Self-rated Frailty, Resilience, and Mortality of Old Men: The Manitoba Follow-up Study”.

University Service
U of M Rady Faculty of Health Sciences Local Discipline Committee: IHP Core Faculty Member since September 2017.
U of M Family Social Sciences and Interdisciplinary Health Program Undergraduate Studies Committee: Member since July 2017.
U of M Community Health Sciences Department Council: Member since July 2017.

Tamara Taillieu

Key Activities
Tamara Taillieu, PhD is a full-time Instructor in the Department of Community Health Sciences, and has spent much of her time developing and updating the content for several undergraduate classes over the past year. In addition, Dr. Taillieu organized the first National Addictions Awareness Day event on campus on November 25, 2019. The theme for this year’s event was “Stigma Ends with Me”. This event brought together students, faculty, staff, and community members to learn more about addictions and ways to reduce stigma. Dr. Taillieu was also honoured to be one of the panelists for the Visionary Conversations event “How can our community come together to combat the impacts of drug addiction?” held at the University of Manitoba in March 2020.
Undergraduate Teaching

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<tr>
<td>FMLY 4802: Family Violence Prevention</td>
<td>Winter 2020</td>
<td>20</td>
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</tr>
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</table>

Other Student Training/Mentorship
In addition, Dr. Taillieu has trained and provided mentorship to a number of grader/marker and teacher’s assistants over the 2019/2020 academic year including both senior level Family Social Sciences undergraduate students (i.e., Kirsty Telford, Lauren Bresch, Hayley Jankowski, Maria Alvarado) and Community Health Science graduate students (i.e., Sarah Turner).

Research Activities
Dr. Taillieu is a member of the Childhood Adversity and Resilience (CARe) Research Team and the Manitoba Population Health Research Group at the University of Manitoba. She has also been involved in research collaborations involving First Responder health and well-being with Dr. Nick Carelton (University of Regina) and Dr. Rosemary Ricciardelli (Memorial University).

Service
- Undergraduate Studies Committee, Department of Community Health Sciences, April 2017-Present
- Undergraduate Curriculum Development Planning Committee, Department of Community Health Sciences, March 2019
- Manuscript Peer Reviewer: Child Abuse & Neglect; Journal of Interpersonal Violence; Journal of Military, Veteran and Family Health

Mahmoud Torabi

Key Activities
Research in terms of publications, collaboration with the faculty members in the CHS and also with other departments in the Rady Faculty of Health Sciences and beyond.

Service to CHS as an elected member of CHS Headship Search Committee; an elected member of the Graduate Program Committee; PhD Candidacy Exam Committee; member of the CIHR Project Grant Peer Review Committee in Public, Community, and Population Health; Associate Editor of American Journal of Biostatistics, International Journal of Biostatistics & Computational Biology, Journal of Survey Methodology, and Journal of Iranian Statistical Society; Member of Robillard Award Committee at the Statistical Society of Canada to select the best PhD thesis defended in Bio/statistics program in Canada each year. I have supervised/mentored two post-docs, 9 PhD, and 3 MSc students. I also reviewed 9 papers for journals in Medicine and Statistics.

Teaching the graduate courses: Small Area Estimation (reading course) (CHSC 7400; 3 credit course) in Summer 2019; Advanced Biostatistics for Community Health Sciences (CHSC 7830).

Training / Mentoring
Completed:
1. Justin Dyck, MSc student (2017--2019), Department of Community Health Sciences, Spatial Analysis of Ischemic Heart Disease, Supervisor.
2. Oluwagbenga Abiodun Fakanye, MSc student (2018-2019), Department of Community Health Sciences, Geographical Variation and Factors Associated with Gastric Cancer in Manitoba, Supervisor.
4. Leila Amiri, Post-Doc (2018-- ), Department of Community Health Sciences, Spatial Modeling of Individual-level Infectious Diseases, Joint Supervision with Dr. Rob Deardon (University of Calgary).
5. Georges Bucyibaruta, Post-Doc (2019--), Department of Statistics and Actuarial Sciences, University of Waterloo, Spatial Modeling of Area-level Infectious Diseases, Joint Supervision with Dr. Charmaine Dean (University of Waterloo).
7. Erfanul Hoque, PhD student (2017--), Department of Statistics, Some Contributions to Longitudinal Data Analysis, Co-supervisor.

8. Reyhane Sefidkar, visiting PhD student (2018--), Department of Community Health Sciences, Some Contributions to Small Area Estimation, Co-supervisor.

9. Charanpal Singh, MSc student (2018--), Department of Community Health Sciences, Small Area Estimation Using Longitudinal Data Analysis, Supervisor.

10. Ebthial Ali, PhD student (2015--), Department of Community Health Sciences, Economic Evaluation of Breast Milk Banking, internal committee member.

11. Mina Alizadehsadranieshpour, PhD student (2014--), Department of Economics, Three Essays in Health Economics, external committee member.

Peer Reviewed Scholarly Productivity

Published Books/Book Chapters


Bell CA, Russell ML, Drews SJ, Simmonds KA, Svenson LW, Schwartz KL, Kwong JC, Mahmud SM,


Christiaan H. Righolt, Geng Zhang, Gregory W. Hammond, Philippe Lagace-Wiens, Salaheddin M. Mahmud. <i>Clostridioides difficile</i> toxin testing and positivity in Manitoba, Canada. Infection Control & Hospital Epidemiology, 2020.


Daniel Park, Jing Han, Mahmoud Torabi, Evelyn L Forget. Managing Mental Health: Why we need to redress the balance between healthcare spending and social spending. *BMC Public Health*, Revision requested.


Demeter S. Economic Considerations for Radiation Protection in Medical Settings—Is it Time for a New Paradigm?. *Health Physics*. (2020 in press)


Kreindler SA. When coproduction is unproductive: Comment on “experience of health leadership in partnering with university-based researchers in Canada: a call to ‘re-imagine’ research.” Int J Health Pol Manage 2019 (early cite).


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St. John PD, Tate RB: Satisfaction with adequacy of current and future income and assets and the risk of mortality in a cohort of older men - The Manitoba Follow-up Study. *Journal of Aging Research and Clinical Practice* 2019 8:80-84.


Thompson, G., Hack, T., Roger, K., St. John, P., Chochinov, H., Mc Clement, S. (2020). Clarifying the information and support needs of family caregivers of nursing home residents with advancing dementia, in print, Dementia


Torabi M, and Jiang J (2020). Estimation of mean squared prediction error of empirically spatial predictor of small area means under a linear mixed model, Journal of Statistical Planning and Inference, 208, 82–93


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**Peer Reviewed Conference Abstracts, Proceedings & Presentations**


Cook, K., Wright, R., Jalloh, C., Peddle, S., Andermann, A., Whetter, I., Carlin, R. Developing Partnerships
Between Community Organizations and Universities to Deliver Service Learning Experiences for Medical Students. Workshop presented at Canadian Conference on Medical Education. Nigara on the Lake, Ontario, April 16, 2019.


Demeter S. Are clinical nuclear medicine settings compliant with proposed new ICRP lens of eye dose limits? ICRP International Symposium, Adelaide, Australia, November 17 – 23, 2019


ELIAS B, Translating to the Community: Social epigenetics and Dignity Promotion. 14th Annual Texas Conference on Health Disparities and Social Epigenetics, June 6-7, 2019, Fort Worth, Texas, United States (Invited Speaker)


Hamm NC, Lix LM. Improving chronic disease incidence surveillance methods by developing and applying dynamic classification models to administrative health data. Canadian Society of Epidemiology and Biostatistics, Ottawa, ON, May 13-15, 2019.


Katz A. Do Manitoba First Nations receive equitable cancer screening services? (Screening, prevention, and health promotion. Presented at the 47th NAPCRG Annual Meeting, Toronto, ON, November 17, 2019

Katz A. Is the healthcare system working for First Nations in Manitoba? Poster presentation at the 47th NAPCRG Annual Meeting, Toronto, ON, November 19, 2019

Kelly, C., Dansereau, L., Aubrecht, K., Grenier, A. & Williams, A. From disabled activists to older people and their families: Understanding the role of directly-funded home care in Canada 4th Transforming Care Conference. Copenhagen, Denmark. June 24-26, 2019

Kelly, C., Dansereau, L., Aubrecht, K., Grenier, A. & Williams, A. From disabled activists to older people and their families: Understanding the role of directly-funded home care in Canada. Canadian Association on Gerontology, 48th Annual Scientific & Educational Meeting. Moncton, NB, October 24-26, 2019. (Presenting Author)


Lavoie JG, Underutilized and undertheorized: The use of hospitalization for Ambulatory Care Sensitive conditions for assessing the extent to which primary healthcare services are meeting needs in BC First Nation communities, Health Services Research Association of Australia and New Zealand, Auckland New Zealand, Dec 3-5, 2019.


Phillips-Beck W, Katz A. Insights from a First Nation-University partnership for “Initiatives in CBPHC Transformation” (iPHIT) Program of Research (Community based participatory research). 47th NAPCRG Annual Meeting, Toronto, ON, November 20, 2019

Pinto A, Jackson L, Katz A. Screening for poverty and related social determinants and intervening to improve knowledge of and links to resources (SPARK) study. Poster presentation at the 47th NAPCRG Annual Meeting, Toronto, ON, November 19, 2019

Rajeshwari A Biradar, D P Singh and Shiva S Halli, “The Diabetes Paradox in India: Case of Kerala and Bihar States”. Presented at the International Urban Conference, China, 2019


Tate RB, St. John P, Swift A and Thompson EH. Chronic disease and terminal decline in very old men: The Manitoba Follow-up Study. Poster presented at the Annual Scientific Meeting of the Gerontological Society of America, Austin, TX, November 13, 2019.


Other Peer Reviewed Scholarship

Poster Presentations


Demeter S. The Economics of Radiation Protection in Medical Settings - Time for a New Paradigm. ICRP International Symposium, Adelaide, Australia, November 17 – 23, 2019


Fowler M. Furthering Indigenous Health and Culture in Medicine, Leaders in Indigenous Medical Education Conference, 2019

Fowler M. Qanuinnigitsiarutiksait (tools for the well-being/safety of Inuit/people): Developing Population Based Health and Well-Being Strategies for Inuit in Manitoba, Northern Health Research Conference, 2019

Fowler, Amanda. Furthering Indigenous Health and Culture in Medicine, Leaders in Indigenous Medical Education Conference, 2019

Fowler, Amanda. Qanuinnigitsiarutiksait (tools for the well-being/safety of Inuit/people): Developing Population Based Health and Well-Being Strategies for Inuit in Manitoba, Northern Health Research Conference, 2019


Krista Wilkinson, Christiaan H. Righolt, Salaheddin M. Mahmud. Using administrative data to measure the impact of case physician on estimates of pertussis vaccine effectiveness. 37th Annual Meeting of the European Society for Paediatric Infectious Diseases, Ljubljana, Slovenia, 2019.


Reviewer
(Peer Review Journals, National Grants, Abstracts & Scientific Presentations, Editorial Boards, Conference Proceedings, etc.)

Douglas Brownridge
Reviewed 5 articles for the Journal of Interpersonal Violence.
Reviewed 1 article for Psychology of Violence.
Reviewed 1 article for the National Collaborating Centre for Aboriginal Health

Sandor Demeter
Consulting: 2019/20 Canadian Agency on Drugs and Technologies in Health (CADTH) External reviewer for: CADTH - The Canadian Medical Imaging Inventory, 2019

Karen Duncan

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Shiva Halli
Reviewer for the Journal of Bio-social Sciences
Demography India

Andrew Hatala


2017 - present Canadian Institutes of Health Research (CIHR) Institutes of Indigenous Peoples' Health (IIPH) Review Committee. Role: Committee member and Grant Reviewer. Duties. Review and make recommendations for IIPH funding applications.

Christine Kelly
Peer review journals: Journal of Aging Studies (1); Canadian Journal of Disability Studies (1); Health & Social Care in the Community (2); Nonprofit and Voluntary Sector Quarterly (1); and Social Problems (1)

National Grants, Abstracts & Scientific Presentations:
Mitacs Accelerate Internship; Canadian Disability Studies Association annual meeting; Canada Research Chair; Saskatchewan Health Research Foundation; CIHR 2019 Fall Project Grant Competition, Gender, Sex & Health committee; Postgraduate Fellowship Committee, Alberta Innovates; Independent Social Research Foundation (ISRF) Early Career Research Fellowship; CIHR 2019 Spring Project Grant Competition, Gender, Sex & Health committee

Sara Kreindler

National grants, abstracts & Scientific presentations:
Alberta Innovates trainee grants, Canadian Foundation for Healthcare Improvement applications for Policy Circle

Lisa Lix
Peer review journals: PloS One; Osteoporosis International; International Journal of Population Data Science; Health and Quality of Life Outcomes; Quality of Life Research; Statistics in Medicine.

National grants, abstracts & scientific presentations:
Mitacs, Ad hoc grant reviewer, 2019-2020.

Caroline Piotrowski
Peer review journals: In 2019 Journal of Child & Family Studies (1); Journal of Interpersonal Violence (1); Child Abuse and Neglect (2) and International Journal of Environmental Research and Public Health (2). In 2020 Child Abuse & Neglect (1); Violence Against Women (1) and Journal of Interpersonal Violence (1).

National grants, abstracts & Scientific presentations:
Panel reviewer for Policy Wise Grant Competition (2019); Invited Panel Reviewer for the Canadian Institutes for Health Research New Investigator in Maternal, Reproductive, Child & Youth Health Competition (2019.)

Pierre Plourde
Peer review journals: American Journal of Tropical Medicine and Hygiene; Canada Communicable Disease Report; Canadian Journal of Infectious Diseases and Medical Microbiology; Canadian Journal of Public Health; Canadian Medical Association Journal

International Journal of STD and AIDS; Journal of Clinical Case Reports and Case Studies
Shahin Shooshtari
Invited University of Manitoba internal reviewer for the CIHR grant applications, Fall of 2019.
Invited external reviewer for promotion to full professorship, Dalhousie University, October 2019.
Invited External Grant Reviewer, University Medical Research Fund, The Royal’s Institute of Mental Health Research affiliated with the University of Ottawa, ON, Canada, January 2019.
Reviewed for the American Journal of Intellectual and Developmental Disabilities, February 2020

Kathryn Sibley
Disability and Rehabilitation – 2019.

Mahmoud Torabi
National grants, abstracts & Scientific presentations: Public, Community and Population Health Review Committee for the CIHR; Scientific Advisory Committee for the Children’s Hospital Research Institute of Manitoba (CHRIM) operating grants
Editorial boards: Associate Editor of American Journal of Biostatistics, Associate Editor of International Journal of Biostatistics & Computational Biology, Associate Editor of Journal of Survey Methodology

Non-Peer Reviewed Scholarship
Abstracts
Fowler M. Ta Minogin Ki Mashkiki Minaan: Revitalization of Our Traditional Medicine Garden at the University of Manitoba (Bannatyne Campus) PRIDoC 2021
Fowler M. Indigenous ways of knowing and healing leads the way to undergraduate medical admissions at University of Manitoba: Strengthening Identity in Medicine: PRIDoC 2021
Fowler M. The Importance of Relationship Building Research with Indigenous Communities: PRIDoC 2021
Fowler M. Sacred Sharing Circles: Overview of a decolonized qualitative study exploring the experiences of Manitoba’s urban Indigenous population living with type II diabetes mellitus, obesity, and bariatric surgery: PRIDoC 2021
Fowler M. Furthering Indigenous Health and Culture in Medicine: PRIDoC 2021

ARTICLES IN JOURNALS

Organized Symposia
Reports


Chateau D, Doupe M, Prior H, Soodeen RA, Sarkar J, Dragan R, Stevenson D, Rajotte L “The Health Status of Community-Dwelling Older Adults in Manitoba”, Manitoba Centre for Health Policy, Winnipeg


Roger, K., Walsh, C., Goodridge, D., Ranville, M., Cewick, M., Songose, L., Liepert, C., Hall, K. (2020). Older Adults in Canada during the COVID-19 Pandemic: A Focus on Abuse of Older Adults Living in the Community (Media Scan), University of Manitoba.

Jiang D, Mignone J (2019) FIREFLY SNAP® Program for Kenora:
Performance Monitoring and Assessment (PMA) and Impact Evaluation Fourth Annual Report. Winnipeg, Manitoba.

Jiang D, Mignone J (2019) FIREFLY SNAP® Program for Kenora:
Performance Monitoring and Assessment (PMA) and Impact Evaluation Final Report. Winnipeg, Manitoba.


Demeter, S. Health Care Blog - https://www.codeblue.me/ 13 blog articles poster during the period.


Media Interviews

Fowler M.

CBC interview re: Tina Fontaine; ‘What we used to learn’: Mental health treatment for Indigenous youth must draw on tradition, advocates say.

Hatala A.

2020 Title: Indigenous-led Health care should improve Health outcomes for everyone. News outlet: Aboriginal Peoples Television Network (APTN). Link to article: https://aptnnews.ca/2020/03/14/indigenous-led-health-care-should-improve-health-outcomes-for-everyone/


Non Peer Reviewed Presentations


BonnyCastle M., Lafreniere D, Muskwagon L. San Pedro H., ELIAS B “Let’s try community cafes and photovoice to mobilize dignity.” University of Manitoba-Cree Nation Tribal Health Star Mentor Workshop, The Pas, Manitoba, February 3-6th, 2020


Christiaan Righolt, Gurpreet Pabla. Tracking exclusion criteria in SAS. Winnipeg SAS User Group Meeting, Winnipeg, Canada (2019)


Driedger, M. “Coronavirus: An Open Forum” – part of an 8 member panel at the University of Manitoba, Winnipeg. February 5, 2020. Panel members: Dr. Brent Roussin (Chief Provincial Public Health Officer Manitoba), Dr. John Embil (Infection Control Physician), Dr. Michelle
Driedger (Community Health Sciences), Dr. Pat Boreskie (Resident, Emergency Medicine), Inez Vystrcil-Spence (Nisichawayasihk Cree Nation, Nelson House), Tom Broadbeck (columnist Winnipeg Free Press), Yidou Zhao (Student, Dental Hygiene Program). Moderator: Dr. Joel Kettner (Community Health Sciences).


ELIAS B, Lafreniere D, Mapping out costing for T2C implementation. Cree Nation Tribal Health Centre Research Knowledge Translation Meeting (Finance). The Pas, Manitoba, October 28-30 2019

ELIAS B, Lafreniere D, Muskwagon L. San Pedro H, BonnyCastle M. Engaging dignity promotion methods to decrease stigma”. University of Manitoba-Cree Nation Tribal Health Star Mentor Workshop, The Pas, Manitoba, February 3-6th, 2020

ELIAS B, Lafreniere D, Muskwagon L. San Pedro H. T2C: Diagnostic challenges and the need for genomic literacy. University of Manitoba-Cree Nation Tribal Health Star Mentor Workshop, The Pas, Manitoba, February 3-6, 2020

ELIAS B, Lafreniere D. Spence C. Castel M. FASD stigma and new pathways to caring through community-based research. FASD Cultural Camp Planning Committee, The Pas, Manitoba. December 3-6, 2019


Fanella S, Dragan R, Prior HJ, Stevenson D, Valdivia J, Ruth C. Examining Patterns of Outpatient Antimicrobial and Health Service Use in Manitoba through Population Based Research. Washington University School of Medicine, St. Louis MO, May 30-31, 2019


Forget, E. St. Dunstan’s Institute for Christianity and Culture (PEI), March 13, 2019.

Fowler M. Indigenous Cultural and Patient Safety, Physician Assistants, 2019 (U of M)
Fowler M. Indigenous Health in the Context of Opioid Replacement Therapy, 2019 (College of Physicians and Surgeons of Manitoba)

Fowler M. Keynote Presentation: Walking Our Path: Honoring Our Identity, 2019 (Fresh Water Institute, National Day of Respect)
Fowler M. Panel Presenter/Lead: Ongomiizwin Education: The Pursuit of a Health Career with Culturally Relevant Indigenous Students Support, Northern Health Research Conference, 2019

Fowler M. Keynote Presenter: Two Names, Two Spirits, Two Medicines, Two Worlds, Indigenous Physicians Association of Canada, 2019

Fowler M. Panel Presentation: Opioids in a Cultural Context, 2019 (Manitoba Maskiki-Ininiwak Mamowewin, Manitoba Medicine Peoples Gathering)

Fowler M. Variety is the Spice of Life, Med 1 Career Fair Panel, 2019 (U of M)

Fowler M. Variety is the Spice of Life, Med 2 Career Fair Panel, 2019 (U of M)

Halli, S. “Dr. George Simmons Memorial Lecture at the Indian Association for the Study of Population’s XXXX Annual Meetings, Trivandrum, December, 2019


Halli, S. “Opportunities for higher studies in Canadian Universities with special reference to University of Manitoba”. Presented at the Higher Secondary School, Karjol.


Herron, Rachel; Ahmadu, Mairo; Waddell, Candice; Allan, Jonathan, & Roger, Kerstin (2019) Talk about it: A preliminary analysis of masculinity and mental health in rural Southern Manitoba paper presented at the Prairie Association of Geography Annual Meeting, Moosejaw, Saskatchewan.


Kelly, C. The work of coordinating care through the Self and Family Managed Care program. Invited presentation as part of the Centre on Aging panel Resourceful and resilient: Supporting today’s caregivers Café Scientifique, October 10, 2019.


Lix LM. Patient-reported outcome measures: one size does not fit all. Invited presentation at Biostatistics Rounds, Fred Hutchinson Cancer Centre, Seattle, WA, November 6, 2019.


Plourde, P. Active and Latent Tuberculosis update, Brandon Primary Care Spring Conference, Onanole, May 2019.
Plourde, P. La gestion de la pharmacie, Session académique des facultés de médecine et des sciences infirmières, Université Lumière, Port-au-Prince (Haiti), March 2020.

Plourde, P. La gestion du triage, Session académique des facultés de médecine et des sciences infirmières, Université Lumière, Port-au-Prince (Haiti), March 2020.

Plourde, P. La santé publique, Session académique des facultés de médecine et des sciences infirmières, Université Lumière, Port-au-Prince (Haiti), March 2020.

Plourde, P. Soins de santé primaires communautaires en Haïti – La gestion syndromique, Session académique des facultés de médecine et des sciences infirmières, Université Lumière, Port-au-Prince (Haiti), March 2020.

Plourde, P. Soins de santé primaires communautaires en Haïti Orientation et objectifs, Session académique des facultés de médecine et des sciences infirmières, Université Lumière, Port-au-Prince (Haiti), March 2020.


Plourde, P. Syphilis: Then, Now and Into the Future! Brandon Primary Care Spring Conference, Onanole, May 2019.

Plourde, P. Syphilis: Then, Now and Into the Future! Continuing Medical Education Program, Boundary Trails Health Centre, Winkler, September 2019.

Plourde, P. Syphilis: Then, Now and Into the Future! Manitoba Primary Care Nurses Association Annual Conference, Winnipeg, April 2019.


Plourde, P. The Syphilis Pox Revival, Department of Internal Medicine Grand Rounds, University of Manitoba, Winnipeg, June 2019.

Plourde, P. Untangling Active/Latent Tuberculosis. 23rd Annual Bug Day (Health Sciences Centre), Winnipeg, October 2019.

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Time</th>
<th>Presentation Title</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>September 25, 2020</td>
<td></td>
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<td>Improvement in patient-reported outcome measures following total joint replacement; analysis of data from</td>
<td>Eric Bohm</td>
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<td>a regional joint replacement registry</td>
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<td>(Extended time-Noon-2 PM)</td>
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<td>A bold vision? The origins of regulated midwifery in Manitoba</td>
<td>Carol Sculfield, Yvonne Peters, Margaret</td>
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<td>Haworth-Brockman, Kris Robinson</td>
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<td>October 2, 2020</td>
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<td>Covid-19 vaccines – A reality check</td>
<td>Pierre Plourde</td>
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<tr>
<td>October 9, 2020</td>
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<td>Antimicrobial resistance &amp; Stewardship: Rising to a Call to Action</td>
<td>Terry Wuerz</td>
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<tr>
<td>October 16, 2020</td>
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<td>Covid-19: Meeting local need, informing global practice, and boldly changing how clinical trials are conducted</td>
<td>Ryan Zarychanski and</td>
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<td>Sylvain Lother</td>
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<td>LeveRaging routine collected health data to enhance veterin and family health (REACH)</td>
<td>A. Mahar</td>
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<td>October 23, 2020</td>
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<td>Public health ethics applied to pandemics</td>
<td>Sandor Demeter, CHS, Radiology</td>
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<td>October 30, 2020</td>
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<td>Covid-19 and older adults: Examining the prevalence and impacts in the Canadian Longitudinal Study on Aging</td>
<td>Verena Menec</td>
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<td>November 6, 2020</td>
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<td>Comparing the Covid-19 pandemic to public health policy during the 19th century cholera pandemics</td>
<td>Joseph Kaufert</td>
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<tr>
<td>November 13, 2020</td>
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<td>To be treated like a person and to understand the risks, as opposed to feeling like I am the risk: Sex</td>
<td>Claudyne Chevrier</td>
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<td>workers accessing health and social services in Winnipeg Treaty One Territory</td>
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<td>November 20, 2020</td>
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<td>The role of academia in global health – building partnerships through the Institute for Global Public Health</td>
<td>James Blanchard, Marissa Becker, Vasanthakumar Namasivayam, Faran Emmanuel, Parinita Bhattacharjee (IGPH)</td>
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<td>November 27, 2020</td>
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<td>Improving outcomes and equity in global MNCH – IGPH’s strategy and role</td>
<td>Maryanne Crockett, Elsabé Du Plessis, Dessalegn Melesse, Andrea Blanchard</td>
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<td>health</td>
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<td>Presentation Title</td>
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<td>December 4, 2020</td>
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<td>Fertility and family planning in Uttar Pradesh, India: major progress and persistent gaps</td>
<td>Preeti Anand (IHAT) and Shiva Halli, IGPH</td>
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<td>December 11, 2020</td>
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<td>CANCELLED</td>
<td>Alyson Mahar</td>
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<td>January 15, 2021</td>
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<td>Adolescent substance use: How to foster a more positive developmental trajectory</td>
<td>Tamara Taillieu</td>
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<td>January 22, 2021</td>
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<td>An incursion into genetic epidemiology</td>
<td>Razvan Romanescu</td>
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<td>January 29, 2021</td>
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<td>Breastfeeding and child behaviour in the Child Cohort Study, examining the role of breastmilk composition</td>
<td>Sarah Turner</td>
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<td>February 5, 2021</td>
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<td>The Countdown to 2030 for Women's, Children's and Adolescents' Health in Ethiopia: Working with country institutions to enhance data-driven decision making</td>
<td>Dessalegn Melesse, IGPH</td>
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<td>February 12, 2021</td>
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<td>The drivers of progress in reducing maternal and newborn mortality: the India Exemplars study</td>
<td>Andrea Blanchard and BM Ramesh, IGPH</td>
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<td>February 19, 2021</td>
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<td>Covid-19 in Manitoba – spread and severity</td>
<td>Christiaan Righolt</td>
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<td>February 24, 2021</td>
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<td>SPECIAL TALK: Paralytic perspectives – Canada, the polio years and Covid-19 connections</td>
<td>Christopher Rutty</td>
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<td>February 26, 2021</td>
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<td>Children’s Oral Health Initiative (COHI) 15 years later: Have disparities been addressed in Manitoba First Nation communities</td>
<td>Grace Kyoon Achan</td>
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<td>March 5, 2021</td>
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<td>The cost of caring: Care-related out-of-pocket expenditures and financial hardship</td>
<td>Karen Duncan</td>
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<td>March 12, 2021</td>
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<td>Recount the dead: The politics and science behind the death toll from armed conflicts and disasters</td>
<td>Ties Boerma, IGPH</td>
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<td>March 19, 2021</td>
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<td>Interdisciplinary training: Smashing the silos</td>
<td>Keith Fowke, Souradet Shaw, Lyle McKinnon, Zulma Rueda, Javier Mignone, International Infectious Disease and Global Health Training Program, MMID/CHS</td>
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<td>March 26, 2021</td>
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<td>Cancer meets Covid: Data and a pandemic world</td>
<td>Donna Turner, CHS, CancerCare Manitoba</td>
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</table>
# Appendix 1
New Research Funds

<table>
<thead>
<tr>
<th>Name of Funding Agency</th>
<th>Project Title</th>
<th>PI</th>
<th>Co-PI or Co-I</th>
<th>Start Date</th>
<th>End Date</th>
<th>Amount Available 2019/2020</th>
<th>Total Funds for Duration of Grant</th>
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<tbody>
<tr>
<td>AGE-WELL</td>
<td>Wearable technology implementation and innovation to prevent fall-related hip fractures and traumatic brain injuries in older adults</td>
<td>Robinovitch S</td>
<td>Sibley KM (Co-PI)</td>
<td>Apr-19</td>
<td>Mar-20</td>
<td>$30,000.00</td>
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<td>Alexander Gibson</td>
<td>Improvement in patient-reported outcome measures following total joint replacement; analysis of data from a regional joint replacement registry</td>
<td>Eric Bohm</td>
<td>Lisa Lix</td>
<td>Apr-20</td>
<td>Mar-21</td>
<td>$12,900.00</td>
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<td>Research Fund,</td>
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<td>University of Manitoba</td>
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<tr>
<td>Bill &amp; Melinda Gates</td>
<td>Integrated data system to validate/monitor program/TOC in UP</td>
<td>Stephen Moses</td>
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<td>Nov-19</td>
<td>Apr-22</td>
<td>$963,847.00</td>
<td>$1,677,745.00</td>
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<td>Gates Foundation</td>
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<td>Broadstreet Health</td>
<td>Annual direct burden of illness for heart failure in Manitoba</td>
<td>A. Katz</td>
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<td>The burden of chronic rhinosinusitis with nasal polyps among Canadians with or without asthma.</td>
<td>A. Katz</td>
<td>E. Burland</td>
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<td>Military and Veteran</td>
<td>LeveRaging routinEly collected health data to enhance veteran and family Health (REACH)</td>
<td>A. Mahar</td>
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<td>Examining HIV and HCV risk and prevalence during conflict in Ukraine</td>
<td>Marissa Becker</td>
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<td>Advancing equity through health professions education: collaborative development of a research program based on the ‘Coin Model of Privilege and Allyship’</td>
<td>Nixon SA</td>
<td>Sibley KM (Co-I)</td>
<td>Feb-20</td>
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<td>Perennial Policy Issues in Directly-Funded Home Care in Canada: An Intersectional, Qualitative Study to enhance Social and Health Outcomes</td>
<td>Kelly C.</td>
<td>Aubrecht, K., Dansereau, L., FitzGerald, M., et al.</td>
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<td>Understanding the burden and outcomes of cancer for Canadians living with intellectual and developmental disabilities</td>
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<td>Canadian Institutes of Health Research</td>
<td>Which Test is Best? Advancing Evidence-Based Practice for Fall Prevention in Older Canadians</td>
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<td>Welcoming the ‘Sacred Spirit’ (child): Connecting Indigenous and Western ‘ways of knowing’ to inform future policy partnerships to optimize maternal child health service delivery initiatives in remote Canadian regions</td>
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<td>M. Urquia</td>
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<td>R.N. Carleton</td>
<td>Lisa Lix</td>
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<td>Annual direct burden of illness for heart failure in Manitoba</td>
<td>M. Doupe</td>
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<td>M. Doupe</td>
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<td>2019-05-01</td>
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<td>Circles of Healing: An evaluation of an Intervention for Indigenous Mothers &amp; Children Affected by Intimate Partner Violence</td>
<td>Caroline Piotrowski</td>
<td>Nicole Letourneau, University of Calgary</td>
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<td>Evaluating subacute care hospital transitions for older adults: Understanding how, why and for whom a planned intervention is working.</td>
<td>M. Doupe</td>
<td>A. Katz, T. Haynes Stewart, L. Lamont, T. Beaudry</td>
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<td>Identifying potential cancer disparities for individuals living with HIV using population-based data in Manitoba and Ontario</td>
<td>A. Mahar</td>
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<td>Indigenous People and Diabetes - Indigenous Knowledge and Wellness Practices Disrupting Biomedical Colonization: Research Governed by Decolonizing and Two-Eyed Seeing Methods</td>
<td>J. LaPlante</td>
<td>A. Schultz, L. Diffey</td>
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<td>Kishaadigeh: Indigenous Self Determination through Research for our Future Generations - Manitoba NEIHR.</td>
<td>Cidro, J</td>
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<td>Parent-Offspring Record Linkage for Population-Based Chronic Disease Research: Planning for an International Consortium Meeting</td>
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<td>Predictors and consequences of long-term functional trajectories of older men: The Manitoba Follow-up Study</td>
<td>Robert Tate</td>
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<td>Translating to the Community (T2C): A social epigenetic study of FASD</td>
<td>B. Elias</td>
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<td>Using evidence to inform healthy policy: Supportive housing as a case study (research stipend)</td>
<td>J. Lavoie</td>
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<td>The Effect of PAX Program in Promoting Mental Health for Children in Manitoba</td>
<td>Jiang D</td>
<td>Pepler D., Mignone J., Elias B, et al.;</td>
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<td>Caracterización molecular y factores asociados a la infección por el Virus de la Hepatitis B en población indígena de Colombia: un estudio de casos y controles</td>
<td>C. Rojas</td>
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<td>Dean C, Deardon R, Rosychuk RJ, Feng C</td>
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<td>James Blanchard</td>
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<td>Inter-American Development Bank</td>
<td>Anas Wayuu: Assessing the Role of Intercultural Hostels and Bilingual Guides in Access to Health Care, Continuity of Care and Quality of Care</td>
<td>J. Mignone</td>
<td>B. Suarez Aguilar</td>
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<td>No one size fits all for measuring what matters: Supporting the use of PRO data in healthcare</td>
<td>Sawatzky R</td>
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<td>Evidence-informed Planning and Evaluation of Community Transitions: Impact on Health and Quality of Life (Phase II)</td>
<td>Shahin Shooshtari</td>
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<td>Indigenous Youth-Driven Participatory Action Health Research: Re-Visioning Indigenous Youth Health and Wellbeing in the Halifax Regional Municipality</td>
<td>Bombay, A</td>
<td>Hatala, A., Thomas, J., Martin, D., et al.</td>
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<td>Office of Graduate and Advanced Degree Education in Medicine, Max Rady College of Medicine</td>
<td>Life Story Board: An Innovative Visual Interview Tool in Healthcare</td>
<td>Rob Chase</td>
<td>Javier Mignone</td>
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<td>Anti-Racism Workshop to Support Health Educators</td>
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<td>Ka Ni Kanichihk “You Matter” Stop Youth Dating Violence Project.</td>
<td>A. Hinds, J Mignone</td>
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<td>Positive Discipline in Everyday Parenting: A Trauma-and-Violence-Informed Approach to Ending Child Maltreatment.</td>
<td>J. Durrant</td>
<td>L. Barker</td>
<td>19-Jul</td>
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<td>Exploring Multi-level Influencers to Diverse Learners and New Conceptualizations of Family-School Collaborations</td>
<td>Lawrence, B</td>
<td>Marshall, A., Shooshtari, S. (Collaborator), Harrison, G., Mousavi, A.</td>
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<td>Social Sciences and Humanities Research Council of Canada</td>
<td>Embodying Accountability: Rethinking Measurement Tools for Disability, Mad and d/Deaf Art</td>
<td>Kelly C.</td>
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<td>“Co-Developing and Co-Implementing the First Integrated Knowledge Translation Guiding Principles for the Spinal Cord Injury Research System”</td>
<td>Gainforth H</td>
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<td>Analizing disparities in youth justice system outcomes between Indigenous and non-Indigenous youth and between youth with and without child welfare histories.</td>
<td>M. Brownell</td>
<td>E. Linden, L. Turnbull, N. Nickel, R. Ricciardelli</td>
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<td>Cumulative contexts of vulnerability to intimate partner violence: The experience of women with disabilities, elderly women, and immigrant women who belong to more than one of these populations</td>
<td>N. Sassville</td>
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<td>Cumulative contexts of vulnerability to intimate partner violence: The experience of women with disabilities, elderly women, and immigrant women who belong to more than one of these populations</td>
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<td>Evaluation Capacity Network: Collaborating for Impacts in Early Childhood Practices, Programs, and Policies</td>
<td>R Gokiert</td>
<td>J Mignone et al.</td>
<td>Apr-19</td>
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<td>Start Date</td>
<td>End Date</td>
<td>Amount Available 2019/2020</td>
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<td>Health impacts of non-medical cannabis use: A joint Manitoba/Ontario study using linked administrative and survey data.</td>
<td>N. Nickel</td>
<td>A. Katz, L. Balneaves, M. Tadrous</td>
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<td>Dec-20</td>
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<td>Countdown 2030: Strengthening Global, regional and country analytical capacity</td>
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## Appendix 2
### On-Going Research Funds

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<th>End Date</th>
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<td>Faran Emmanuel; BM Ramesh; Lisa Avery; Maryanne Crockett; Robert Lorway</td>
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<td>James Blanchard; John Anthony; Parinita Bhattacharjee</td>
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<td>The developmental health of children and youth participating in out-of-school programs.</td>
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<td>Financial Decision-Making: The Influence of Financial Knowledge, Stress and Help Seeking Activities</td>
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<td>Jamal Tavosi</td>
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<td>A multi-method approach to exploring prescribing cascades</td>
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<td>Changing the patient-primary care provider dialogue: Fostering trust through joint clinical decision making</td>
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<td>CIHR Summer Institute on Equitable AI for Public Health (AI4PH): A focus on equity and prevention</td>
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<td>End Date</td>
<td>Amount Available 2019/2020</td>
<td>Total Funds for Duration of Grant</td>
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<td>Integrating clinical data systems to improve the capacity, performance, and value of Manitoba’s healthcare system</td>
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<td>Canadian Institutes for Health Research</td>
<td>Moving knowledge into action for more effective practice, programs and policy: A research program focusing on integrated knowledge translation</td>
<td>Graham ID Sibley KM (Co-I)</td>
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<td>Jul. 2015</td>
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<td>$474,124.57</td>
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<td>Canadian Institutes for Health Research</td>
<td>PAX - Good Behavior Game in First Nations Communities: Enhancing and Adapting a School-Based Mental Health Promotion and Suicide Prevention Strategy</td>
<td>M. Chartier</td>
<td>G Munro, J. Sareen</td>
<td>2016-01-01</td>
<td>31/12/2018</td>
<td>$166,926.42</td>
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<td>Canadian Institutes for Health Research</td>
<td>Person-oriented Statistical Methods for Health Services Research: Application to Mental Health Prevention Program Evaluation and Design.</td>
<td>Jiang D.</td>
<td>Santo R, Lix L, Tate R, et al.</td>
<td>Jun-17</td>
<td>Mar-20</td>
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<td>Canadian Institutes for Health Research</td>
<td>Prairie Indigenous Knowledge Exchange Network</td>
<td>J. Lavoie</td>
<td>L. Diffey</td>
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<td>$159,536.40</td>
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<td>Canadian Institutes for Health Research</td>
<td>Predicting the risk of advanced colorectal polyps with circulating biomarkers (P-RAP)</td>
<td>Darren Brenner</td>
<td>Lisa Lix</td>
<td>Jul-19</td>
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<td>$225,675.50</td>
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<td>Canadian Institutes for Health Research</td>
<td>Preventing child maltreatment: Changing a child’s trajectory, improving health, and strengthening families</td>
<td>Afifi, T.O</td>
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<td>2015</td>
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<td>$176,642.33</td>
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<td>Canadian Institutes for Health Research</td>
<td>Qanuingitsiarutiksait: Developing Population-Based Health and Well-Being Strategies for Inuit in Manitoba</td>
<td>J. Lavoie</td>
<td>R. Dutton</td>
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<td>Canadian Institutes for Health Research</td>
<td>Sexual Health Empowerment (SHE) Project: Merging community and science research</td>
<td>J.Lavoie</td>
<td>V. Russell</td>
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<td>Canadian Institutes for Health Research</td>
<td>SPOR National Data Platform</td>
<td>Kimberlyn McGrail</td>
<td>Lisa Lix</td>
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<td>Oct-25</td>
<td>$5,571,428.57</td>
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<td>Canadian Institutes for Health Research</td>
<td>Team Grant – Evaluating the Effectiveness of Sex- and Gender-Based Analysis on Knowledge Translation</td>
<td>Straus S.</td>
<td>Chambers, A., Giangregorio, L., Giguere, A., Graham, I., Hamid, J., Holroyd Leduc, J., Kelly, C., et al.</td>
<td>2017</td>
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<td>$149,000.00</td>
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<td>Canadian Institutes for Health Research</td>
<td>The impact of political conflict on the dynamics of sex work and the HIV/SSTI and HCV epidemic in Ukraine</td>
<td>Marissa Becker</td>
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<td>01-Jul-16</td>
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<td>$524,565.00</td>
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<td>Canadian Institutes for Health Research</td>
<td>The Reach Network</td>
<td>Tricco AC</td>
<td>Sibley KM (Co-I)</td>
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<td>Aug. 2022</td>
<td>$999,400.00</td>
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<td>Canadian Institutes for Health Research</td>
<td>Understanding cancer outcomes for Canadians living with intellectual and developmental disabilities</td>
<td>Mahar, A.</td>
<td>Brownell, M., Docteure V.C., Dawe, D., Decker, K., Hallet, D.J., Kristjanson, M., Ouellette-Kuntz, H., Shooshtari, S. (Co-applicant), Turner, D.</td>
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<td>Canadian Network for Maternal Newborn and Child Health</td>
<td>Canadian Network for Maternal Newborn and Child Health (2016-2020) Project</td>
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<td>Canadian Statistical Sciences Institute-Collaborative Research Team (CANSSI-CRT)</td>
<td>Spatial Modeling of Infectious Diseases: Environment and Health</td>
<td>Torabi M.</td>
<td>Dean C, Deardon R, Rosychuk RJ, et al.</td>
<td>2018-01-04</td>
<td>31/3/2022</td>
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<td>Canadian Statistical Sciences Institute, Health Science Collaborating Centres</td>
<td>Manitoba statistical and health sciences collaborating Centre</td>
<td>Lix L.</td>
<td>Torabi M, Acar E, Jafari M, Hu P</td>
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<td>CancerCare Manitoba Foundation</td>
<td>The impact of early palliative care on the quality of life of patients with advanced pancreas cancer: A case-crossover study</td>
<td>Christina Kim</td>
<td>Lisa Lix</td>
<td>Jul-18</td>
<td>Jun-20</td>
<td>$60,000.00</td>
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<td>Children’s Hospital Research Institute of Manitoba (CHRIM)</td>
<td>Examining the association between the development health of children and youth and participation in out-of-school programs</td>
<td>M Brownell</td>
<td>J Enns</td>
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<tr>
<td>Children's Hospital Research Institute of Manitoba (CHRIM)</td>
<td>Leveraging linked administrative data to advance FASD research and inform evidence-based policy in Manitoba and beyond.</td>
<td>M. Brownell</td>
<td></td>
<td>2018-06-01</td>
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<td>$58,797.95</td>
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<td>Children's Hospital Research Institute of Manitoba (CHRIM)</td>
<td>Risk Factors Associated with Childhood Leukaemia in Canada</td>
<td>Torabi M.</td>
<td>Israels S, Singh H, Elias B</td>
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<td>CIAR</td>
<td>Studies of human development and well-being</td>
<td>L. Roos</td>
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<td>CoM Bridge Award, College of Medicine, U of Sask</td>
<td>Building Bridges: Promoting Respectful Environments in Seniors' Social Housing</td>
<td>Goodridge, D.</td>
<td>Briere, J., Roger, K., Kowalski K, et. Al.</td>
<td>2018</td>
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<td>Community Foundations of Canada</td>
<td>Queen Elizabeth Diamond Jubilee Scholarships</td>
<td>N. Riediger</td>
<td>J. Lavoie</td>
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<td>31-Dec-19</td>
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<td>Crohn’s and Collitis Canada, Grant-in-Aid of Research</td>
<td>The brain imaging of psychiatric comorbidity and their relationship to fatigue in inflammatory bowel disease</td>
<td>Charles Bernstein</td>
<td>Lisa Lix</td>
<td>Jul-18</td>
<td>Jun-21</td>
<td>$125,000.00</td>
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<td>Dalhousie University CIRN/CIHR</td>
<td>Identifying effective communication materials to enhance vaccine acceptance</td>
<td>Dr. Michelle Driedger</td>
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<td>Dalhousie University CIRN/CIHR</td>
<td>LeveRaging routinely collected health data to enhance veteran and family Health (REACH)</td>
<td>A. Mahar</td>
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<td>Deer Lodge Centre Foundation</td>
<td>Advancing Balance Measurement and Treatment in Geriatric Rehabilitation</td>
<td>Sibley KM</td>
<td>Windle C and Beauchamp M</td>
<td>Nov. 2018</td>
<td>Oct. 2020</td>
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<td>Defense Research Development Canada’s Centre for Security Science</td>
<td>Vulnerability and resiliency for PTSD in the RCMP: A prospective investigation</td>
<td>Nicholas Carleton</td>
<td>Lisa Lix</td>
<td>Sep-15</td>
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<td>Department of National Defence</td>
<td>An analytic and predictive risk model to assess dental readiness in the military population</td>
<td>Mahar, Alyson</td>
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<td>FHI360</td>
<td>Linkages across the Continuum of HIV Services for Key Populations Affected by HIV (LINKAGES) Project</td>
<td>James Blanchard</td>
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<td>Nov 30/15</td>
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<td>$468,800.00</td>
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<td>George and Fay Yee Centre for Healthcare Innovation</td>
<td>Changing the patient-HCP dialogue: Fostering trust through joint clinical decision making</td>
<td>Dr. Michelle Driedger</td>
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<td>21-Aug-17</td>
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<td>George and Fay Yee Centre for Healthcare Innovation</td>
<td>Reshaping type 2 diabetes care in Manitoba: Considering remission as a option</td>
<td>S Mahmud A Aregbesola</td>
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<td>28-Feb-19</td>
<td>30-Sep-20</td>
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<td>Gilead Sciences Inc.</td>
<td>Closing a critical HIV prevention gap: Demonstrating safety and effective delivery of daily oral pre-exposure prophylaxis</td>
<td>Stephen Moses Marissa Becker</td>
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<td>04-Oct-18</td>
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<td>Harvard Medical School</td>
<td>Comparing hospitalization rates, outcomes, and treatment intensity for elderly patients across OECD countries</td>
<td>Lisa Lix</td>
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<td>Supplementary HIV program - improving programs to reduce vulnerability to HIV: Innovative programs and knowledge translation</td>
<td>James Blanchard</td>
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<td>Jewish General Hospital</td>
<td>Canadian Network for Observational Drug Effect Studies (CNODES)</td>
<td>Lisa Lix</td>
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<td>Kid's Brain Health Network (NCE)</td>
<td>Discovering the epigenetic signatures associated with fetal alcohol spectrum disorder</td>
<td>B. Elias</td>
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<td>Manitoba Centre for Health Policy (MCHP) Rady Faculty Research Support Fund</td>
<td>Investigating risk factors and prognosis in patients with septo-optic dysplasia and optic nerve hypoplasia</td>
<td>Michael Salman Lisa Lix</td>
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<td>Nov-20</td>
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<td>Manitoba Government</td>
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<td>A. Katz</td>
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<td>McMaster University / CIHR</td>
<td>Canadian Initiative on Social Statistics (CISS) data training schools and research training centres</td>
<td>Byron Spencer Evelyn L Forget</td>
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<td>MHSAL/MCHP Rady Faculty Research Support</td>
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<td>Michael Smith Foundation for Health Research (MSFHR) BC’s Health Research Funding Agency</td>
<td>No one size fits all for measuring what matters: Supporting the use of PRO data in healthcare.</td>
<td>Richard Sawatzky &amp; Jae-Yung Kwon</td>
<td>Lisa Lix</td>
<td>Oct-19</td>
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<td>MITACS</td>
<td>Evidence-informed Planning and Evaluation of Community Transitions: Impact on Health and Quality of Life</td>
<td>Shooshtari, S.</td>
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<td>MITACS</td>
<td>Program Evaluation-One Child at a Time, One Family at a Time</td>
<td>N. Roos</td>
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<td>Natural Sciences and Engineering Research Council of Canada</td>
<td>CREATE program in Visual and Automated Disease Analytics</td>
<td>Pourang Irani</td>
<td>Lisa Lix</td>
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<td>Natural Sciences and Engineering Research Council of Canada (NSERC)</td>
<td>Advancing Complex Models in Small Area Estimation and Spatial Statistics</td>
<td>Torabi M.</td>
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<td>31/3/2021</td>
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<td>PrairieAction Foundation</td>
<td>Under-reporting in Abuse of Older Adults in the Prairie Provinces</td>
<td>Roger, K.</td>
<td>Goodbridge, D., Walsh, K., Ranville, M.</td>
<td>2018</td>
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<td>Public Health Agency of Canada</td>
<td>Preventing Gender-based Violence the Health Perspective - Healthy Relationships</td>
<td>Jane Ursel PhD, RESOLVE (U of M)</td>
<td>Joan Durrant, Robert Chase</td>
<td>01-Oct-18</td>
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<td>Public Health Agency of Canada</td>
<td>Canadian chronic disease surveillance system validation</td>
<td>Liisa Jackimmainen</td>
<td>Lisa Lix</td>
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<td>Public Health Agency of Canada</td>
<td>Promoting Healthy Families: A Canadian Evaluation of the Triple P.</td>
<td>Gonzalez, A</td>
<td>MacMillan, HL, Affi TO</td>
<td>Aug-18</td>
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<td>Public Works Canada and the Royal Canadian Mounted Police (RCMP) Canada.</td>
<td>Longitudinal Study of Operational Stress Injuries (OSIs) for Royal Canadian Mounted Police (RCMP)</td>
<td>Carelton, R.N.</td>
<td>Abrams, K., Affi, TO</td>
<td>2017</td>
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<td>$2,221,459.00</td>
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<td>Queen's University</td>
<td>An analytic and predictive risk model to assess dental readiness in the military population</td>
<td>A. Mahar</td>
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<td>Examining the association between the development health of children and youth and participation in out-of-school programs</td>
<td>M Brownell</td>
<td>J Enns</td>
<td>2017-01-09</td>
<td>31/08/2019</td>
<td>$9,323.47</td>
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<td>Research Manitoba</td>
<td>Neonatal and Childhood Neurodevelopment, Health and Educational Outcomes of Children Exposed to Antidepressants and Maternal Depression During Pregnancy</td>
<td>Chateau D</td>
<td>M Brownell, L Katz, C Ruth, D Singal</td>
<td>2015-08-01</td>
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<td>Provincial Partnership Funding for “Getting to the Source of Inter-Regional Variation in Patient Flow Performance: A Complex Systems Perspective”</td>
<td>S Kreindler</td>
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<td>Jun-15</td>
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<td>Research Manitoba</td>
<td>Research data platform for program science in global public health; CFI MB RES</td>
<td>James Blanchard</td>
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<td>Apr 1/17</td>
<td>30-Aug-20</td>
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<td>$159,735.00</td>
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<td>Research Manitoba</td>
<td>Statin use and non-Hodgkin Lymphoma incidence and survival: A population-based study.</td>
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<td>$35,668.09</td>
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<td>Research Manitoba</td>
<td>The CRDCN transition to high performance computing: Liberating data for research and policy</td>
<td>Evelyn L Forget</td>
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<td>Apr 1 2019</td>
<td>Mar 31 2023</td>
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<td>Research Manitoba</td>
<td>The PAX Program in Manitoba: A Positive Approach to Promoting Mental Health and Wellbeing</td>
<td>Jiang D.</td>
<td>Josephson W., Pepler D, Craig W., et al.</td>
<td>01-Mar-15</td>
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<td>$78,150.00</td>
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<td>Rh Institute Foundation</td>
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<td>SHRF</td>
<td>Provincial Partnership Funding for “Getting to the Source of Inter-Regional Variation in Patient Flow Performance: A Complex Systems Perspective”</td>
<td>J Basran S Kreindler</td>
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<td>Social Sciences and Humanities Research Council</td>
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<td>B. Elias</td>
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<td>$1,416,834.67</td>
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<td>Social Sciences and Humanities Research Council</td>
<td>Across the Spectrum: Building a multi-sector partnership to conduct social policy evaluation and research using Big Data.</td>
<td>M. Brownell</td>
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<td>2019-03-22</td>
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<td>$126,280.00</td>
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<td>Social Sciences and Humanities Research Council</td>
<td>Changing rural masculinities and mental wellness: A Prairie case study</td>
<td>Herron, R.</td>
<td>Roger, K., Waddell, C., Allen, J.</td>
<td>2018</td>
<td>2021</td>
<td>$10,000.00</td>
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<td>Social Sciences and Humanities Research Council</td>
<td>Looking after each other: A dignity promotion partnership project for those living with FASD</td>
<td>Elias B.</td>
<td>Rocke, C., Ursel, J., Levine, K., Kelly, C., et al.</td>
<td>2017</td>
<td>2022</td>
<td>$500,000.00</td>
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<td>Social Sciences and Humanities Research Council</td>
<td>Social outcomes and QOL associated with guaranteed annual income</td>
<td>Evelyn L Forget</td>
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<td>Mar 31 2022</td>
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<td>The Winnipeg Foundation</td>
<td>Redefining Community-Based Service for Manitobans with Neurodevelopmental Disabilities. A Community Grant Application to The Winnipeg Foundation</td>
<td>Mucha, J.</td>
<td>Martin, T., Shooshtari, S., Temple, B., Pinette, G.</td>
<td>2016-11-01</td>
<td>2020-12-31</td>
<td>$15,000.00</td>
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<td>True Patriot Love Foundation and the Canadian Institute of Military and Veteran Health</td>
<td>LeveRaging routinEly collected heAlth data to enhanCe veteran Health (REACH)</td>
<td>Mahar, Alyson</td>
<td></td>
<td>2018</td>
<td>2020</td>
<td>$48,000.00</td>
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<td>UCRP</td>
<td>Examining structural factors and approaches that influence sexual risk-taking practices among female sex workers in Nairobi</td>
<td>Robert Lorway</td>
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<td>01-Feb-17</td>
<td>30-Jun-19</td>
<td>$24,947.00</td>
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<td>UNICEF</td>
<td>Countdown to 2030</td>
<td>Stephen Moses</td>
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<td>University of Fraser Valley/CIHR</td>
<td>Participatory risk communication: Indigenous youth-generated messages for community health promotion</td>
<td>Dr. Michelle Driedger</td>
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<td>University of Manitoba</td>
<td>CREATE program in Visual and Automated Disease Analytics</td>
<td>Pourang Irani, Lisa Lix</td>
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<td>Apr-16</td>
<td>Mar-22</td>
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<td>University of Manitoba</td>
<td>Development of the pharmacoepidemiology and vaccine evaluation centre.</td>
<td>S Mahmud</td>
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<td>$199,108.44</td>
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<td>University of Manitoba, Operating CFI</td>
<td>Research data platform for program science global public health</td>
<td>James Blanchard</td>
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<td>University of Manitoba Research Grants Program</td>
<td>Developing Research Priorities to Enhance Activity and Participation Outcomes for People Living with HIV</td>
<td>Restal, G.</td>
<td>K. Roger, T. E. Echiverry</td>
<td>2018</td>
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<td>University of Manitoba, College of Medical Rehabilitation, Catalyst Research Grant</td>
<td>A Decision and Communication Aid for Workplace Disclosure by People Living with HIV</td>
<td>Restal, G.</td>
<td>Etcheverry, E., Roger, K., Roddy, P.</td>
<td>2016</td>
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<td>University of Manitoba, Rady Faculty of Health Sciences</td>
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<td>Women’s College Hospital</td>
<td>Canadian HIV Women’s Sexual and Reproductive Health Cohort Study – Prioritizing the Health Needs of Positive Aboriginal Women Part 2</td>
<td>Marissa Becker</td>
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<td>30-Oct-17</td>
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<td>WorkplaceNL</td>
<td>Understanding work-related injuries, risk factors, and outcomes among older workers using national data for provincial comparisons</td>
<td>Shooshtari, S.</td>
<td>Menec, V., Piotrowski, C., Stoesz, B., Turner, N.</td>
<td>2019-02-01</td>
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