I am pleased to present the annual report for the Department of Community Health Sciences (CHS) for the year April 2018 to March 2019. For the majority of this period, Dr. Sharon Bruce was the acting head of department, and I wish to thank her again for her outstanding work.

The department has continued to thrive, with four new Tier 2 Canada Research Chairs (CRCs) recently being allocated to the department, in the areas of program science and global public health, causal inference and machine-learning for complex health data, health economics, and analytic techniques in population data science and data curation. If recruitment goes as planned, there will soon be close to 50 full-time faculty members in the department (along with over 130 part-time members), including four Tier 1 CRCs and eight Tier 2 CRCs. In addition, two faculty members hold new investigator awards, five hold CHHR foundation grants and two hold CFI grants. Overall, faculty members in community health sciences held over 160 research grants and contracts in 2018/19 (including 70 tri-council grants) with a total annual budget of over $25 million. Other markers of faculty and student achievement and excellence include the faculty and staff awards and the departmental awards, both noted later in this annual report.

We had a large intake of 29 graduate students in the 2018/19 academic year, including 22 master’s and seven PhD students. We are expecting a large intake in 2019/20 as well. Remarkably, 36 of our graduate students received student awards in 2018/19, with 14 held more than one award. We now have over 100 graduate students in the department and 24 students graduated in the past year. With respect to undergraduate teaching on the Fort Garry campus, the BHSc and BHSt programs continue to grow. Community Health Sciences is largely responsible for the family health concentration in the BHSt program. New enrolments in that program increased from seven in 2018 to at least 18 in 2019, and we expect that program to continue to grow as it largely takes over the content of the Family Social Sciences Program. The department’s population health course in the undergraduate medical education (UGME) program continues to thrive, as does our community engagement activities. In this annual report, you will find reports on the Alan Klass Memorial Program for Health Equity, the Wish Clinic, the Biomedical Youth Program, the Jacob Penner Park Program, the CanU Reach After-School Program, Mini-University and Basketball for Inner-City Kids, among others. This is a truly remarkable program. Our five-year residency program in public health and preventive medicine now has eight residents, and they will contribute to public health practice in Manitoba and elsewhere for years to come.

This will be my last annual report, as I will be stepping down as head of department in December 2019. This is then an appropriate time to thank all of my colleagues and staff in the department who have greatly supported me since I assumed the headship in September 2012. The list is long, but I would like to particularly single out the following individual, including the associate and acting heads of department over the past seven years, Sharon Bruce, Lisa Lix, and Lawrence Elliott; the three graduate program directors, Evelyn Forget, Verena Menec, and Michelle Driedger; the UGME co-directors and instructors, Joss Reimer, Adrienne Morrow, Allen Kraut, Joel Kettner, Chelsea Jalloh, and Gladys Stewart; the PGME director, Brent Roussin; the undergraduate education program director, Kerstin Roger; Jamie Blanchard, Doris Kuzma and colleagues at the CGPH, who have put up with my less than optimal input and participation in our global health programs; Noralou Roos, who has been the tireless chair of the department’s promotion and tenure mentoring committee for many years; the leadership of our community engagement and social accountability programs, particularly Ian Whetter, Anne Durcan, James Gilchrist, Francis Amara, and Karen Cook; all of the department’s administrative staff, including those in administration and finance, UGME, PGME, graduate studies, and undergraduate programs; and special shout-outs to Paulette Collins, our departmental administrator and business manager and to Kathy Bell and Shannon Turczak, my executive assistants, who have gone well beyond the call of duty in establishing and maintaining a friendly and welcoming atmosphere, keeping the department well managed and up-to-date, and ensuring that nothing is left undone.

This annual report covers the broad range of CHS activities, and I wish to congratulate all CHS faculty members, students, and staff on another successful year.

Stephen Moses, MD, MPH
Head of Department
Greetings from Department Head ———————————————————— 2

CHS Mission ———————————————————— 4
CHS Goals ———————————————————— 4

ABOUT THE DEPARTMENT ———————————————————— 4
a. History ———————————————————— 4
b. Partnership ———————————————————— 4
c. Full-Time Faculty ———————————————————— 5
d. Part-Time Faculty ———————————————————— 7
e. Support Staff - Departmental ———————————————————— 11
f. Financial Overview ———————————————————— 11
g. Organisational Chart ———————————————————— 12
h. Faculty and Staff Awards ———————————————————— 13

EDUCATIONAL PROGRAMS ———————————————————— 14
a. Undergraduate Studies Programs ———————————————————— 14
b. Undergraduate Medical Education Program (UGME) ———————————————————— 14
c. Graduate Program ———————————————————— 16
d. Residency in Public Health and Preventive Medicine ———————————————————— 19
e. Manitoba Training Program for Health Service Research ———————————————————— 20

DEPARTMENTAL AWARDS ———————————————————— 20
a. Dr. Christine Egan Memorial Scholarship ———————————————————— 20
b. David G. Fish Memorial Scholarship ———————————————————— 20
c. Evelyn Shapiro Award for Health Services Research ———————————————————— 21
d. Jack A. Hildes Memorial Award ———————————————————— 21
e. Roos Prize for Best Publication in Population Health ———————————————————— 21

DEPARTMENTAL UNITS ———————————————————— 21
a. Centre for Global Public Health (CGPH) ———————————————————— 21
b. Community Engagement ———————————————————— 22
i. Alan Klass Memorial Program for Health Equity ———————————————————— 23
   1. WISH Clinic ———————————————————— 23
   2. Biomedical Youth Program ———————————————————— 24
   3. Jacob Penner Park Program ———————————————————— 25
   4. CANU REACH After School Program ———————————————————— 25
   5. Research and Evaluation ———————————————————— 25
   6. Truth and Reconciliation ———————————————————— 25
   7. Sunshine House: Managed Alcohol Project ———————————————————— 25
   8. Student Travel Awards ———————————————————— 25
   9. Alan Klass Memorial Address ———————————————————— 25
ii. Community Partnerships and Programs ———————————————————— 25
iii. Opportunities for Bannatyne Students ———————————————————— 26
c. Data Science Platform, George & Fay Yee Centre for Healthcare Innovation ———————————————————— 26
d. Manitoba Centre for Health Policy (MCHP) ———————————————————— 27
e. Manitoba Follow-Up Study (MFUS) ———————————————————— 32
f. Vaccine and Drug Evaluation Centre (VDEC) ———————————————————— 34

FULL-TIME ACADEMIC STAFF NOT ASSOCIATED WITH A UNIT ———————————————————— 36

SCHOLARLY PRODUCTIVITY ———————————————————— 38
a. Published books/book chapters ———————————————————— 48
b. Articles in Peer Review Journals ———————————————————— 48
c. Other Peer reviewed Scholarship ———————————————————— 57
   i. Presentations, Abstracts & Posters ———————————————————— 57
d. Non-Peer Reviewed Scholarship ———————————————————— 63
   i. Books, Articles in Journals, Reports, Presentations ———————————————————— 63
   ii. Media interviews ———————————————————— 66

CHS Colloquium - Bold Ideas Series  APPENDIX

1 - NEW RESEARCH FUNDS  APPENDIX 2 -

ON-GOING RESEARCH FUNDS  ———————————————————— 71
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. 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 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 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, and Dr. Stephen Moses from September 1, 2012 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 CGPH was established as a partnership between the department of medical microbiology and CHS. In 2010, the Section of First Nations, Metis, 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. The Vaccine and Drug Evaluation Centre (VDEC) was established in 2012 within CHS, in affiliation with the College 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, as well as 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 - Ongomiizwin, which encompasses the former CHS Section of First Nations, Metis, and Inuit Health. Ongomiizwin was officially launched on June 2, 2017.

PARTNERSHIP

The CHS 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.
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Epidemiology of child maltreatment and intimate partner violence; problem gambling; mental health; suicide

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International health especially migration as a risk factor in the spread of HIV/STDS infection; immigrants’ health in Canada; violence against women; international demography

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Indigenous or traditional forms of medicine and healing; youth resilience and well-being; culture and spirituality; qualitative health research; community-based research

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Community-based sexual health education; development and evaluation of health education interventions, harm reduction and literacy as a social determinant of health; the way in which the disciplines of Education and Public Health can both intersect and collaborate

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Person-centered statistical approach in health science; clinical trial design and intervention evaluation; latent variable analysis and structure equation model (SEM); longitudinal data analysis and multilevel model

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PART-TIME FACULTY

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Pharmacoepidemiology; pharmaceutical use policy; provincial health privacy legislation; health services research

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Demography; HIV/AIDS; India

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Public health

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Program evaluation; surgical services; administrative databases; data linkage; longitudinal studies

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Research on the broader determinants of health using administrative data

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Public health; environmental health; chronic disease and injury prevention

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Bio-statistics; research on health services data; survey research; analysis of qualitative and quantitative data using SPSS software; test design, development, administration, scoring, and reporting activities; item analysis with statistical validity and reliability of test scores; research methodology; undergraduate medical education—evaluation (formative and summative); curriculum development and program assessment

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Sport-related injury; injury; epidemiology

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Professor | sareen@umanitoba.ca

Mental health

Verena Schneider-Lindner, MD (Germany), M.Sc, PhD (McGill)  
Assistant Professor | Verena.schneider-lindner@medma.uni-heidelberg.de

Pharmacoepidemiology; Epidemiological studies in population health databases and electronic medical records; health services research

Robert Schrotth, DMD, PhD  
Associate Professor | robert.schrotth@umanitoba.ca

Gustaf Sevenhuysen, B.Sc., PhD (London)  
Associate Professor | Gustaf.Sevenhuysen@umanitoba.ca

Nutrition; international health; Indonesia

Leigh Anne Shafer, PhD  
Assistant Professor | shafer@umanitoba.ca

Elinor Simons, PhD  
Assistant Professor | elinor.simons@umanitoba.ca

Harminder Singh, MBBS (New Delhi), MD (New Delhi), MPH (Manitoba), FRCP (Manitoba)  
Associate Professor | harminder.singh@umanitoba.ca

Gastrointestinal cancers epidemiology and outcomes; gastrointestinal endoscopy outcomes; health services research; clinical epidemiology

Joyce Slater, BSHEc (Saskatchewan), M.Sc.(Manitoba), PhD (Manitoba)  
Assistant Professor | joyce.slater@umanitoba.ca

Nutrition; public health; dietary assessment; epidemiology of obesity; community food security

Carolyn Snider, MD, MPH, FRCP  
Associate Professor | csnider@mich.ca

Injury control; behavioural randomized control trials; emergency medicine; trauma; violence; community based participatory research

Tara Stewart, PhD  
Assistant Professor | tstewart3@wrha.mb.ca

Tammy Stuart Chester, PhD  
Assistant Professor | Tammy.Stuart@umanitoba.ca

Shayne Taback, B.Sc., MD, FRCP (Manitoba)  
Associate Professor | tabacksp@umanitoba.ca

Pediatrics; clinical epidemiology

Navdeep Tangri, MD, PhD(C) (Tufts University), FRCP  
Associate Professor | ntangri@sogh.mb.ca

Clinical epidemiology; risk prediction; cohort studies; pharmacoepidemiology; systematic reviews and meta-analysis; chronic kidney disease; kidney failure

Milton Tenenbein, MD (Manitoba), FRCP  
Professor | mtenenbein@hsc.mb.ca

Pediatrics; Aboriginal health

Donna Turner, B.Sc. (Victoria), M.Sc.(Calgary), PhD (Alberta)  
Associate Professor | donna.turner@cancercare.mb.ca

Epidemiology; cancer

Jennifer Volk, PhD, C.Psych.  
Assistant Professor | Jennifer.Volk@umanitoba.ca

Mental health promotion and mental illness: prevention, population level intervention, and research; community mental health; housing and homelessness; clinical and community psychology; implementation science

Reynold Washington, Dipl DNB, MD, MBBS (India)  
Associate Professor | reynold@chapindia.org

Public health; HIV/AIDS; India

Ian Whetter  
Assistant Professor | ian.whetter@umanitoba.ca

Brock Wright, B.Sc., MD, FRCP, MBA (Manitoba)  
Assistant Professor | bwright@wrha.mb.ca

Health Care Administration

John Wylie, B.Sc. (Manitoba), M.Sc.(Ottawa), PhD (Manitoba)  
Assistant Professor | jwylie@gov.mb.ca

Epidemiology of infectious diseases (primarily sexually transmitted and...
blood borne pathogens); social and sexual network analysis; molecular epidemiology; social determinants of health; social epidemiology; international health

Xibiao Ye, MB, M.Sc, PhD (China)
Assistant Professor | xye@wrha.mb.ca
Environmental epidemiology; health disparities; systematic review; health services research

Bo Nancy Yu, MD (Harbin), M.Sc.(Beijing), PhD (Manitoba)
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

Ryan Zarychanski, B.Sc., B.Sc. (Med.), MD, M.Sc.(Ottawa), FRCPC
Assistant Professor | ryan.zarychanski@cancercare.mb.ca
Hematology; critical care; transfusion medicine; systematic reviews/meta-analysis; clinical trials; epidemiology

FINANCIAL OVERVIEW

CHS faculty continue to be successful in receiving new grants and contracts. Across the department a total of 61 new grants and contracts were awarded this FY for a total of approximately $55M over the duration of the grants and contracts.

There are a total of 156 grants and contracts that continued throughout this year that total approximately $203M over the duration of these funds.

Total Grant Revenue, excluding carryover, for FY 2018/2019 from all sources across the department = $26,767,642.00

The success of funding across CHS has enabled researchers to hire staff to support their work.

The following graph shows the number of academic, biweekly, and hourly staff that are on the CHS payroll for the last seven years. Note: support staff hired through CGPH, MCHP or MFUS are not included.
Dr. Tracie Afifi was the 2018 recipient of The Royal-Mach-Gaensslen Prize for Mental Health Research from The Royal’s Institute of Mental Health Research. The annual national prize provides funding to outstanding star researchers in the field of mental health. It recognizes those with a demonstrated record of accomplishment in research with excellence in scientific rigor, innovative thinking, imagination and originality, and a clear ability to work in partnership with other disciplines and/or research teams external to the institution with which they are affiliated.

Dr. Tracie Afifi won the 2017 Article of the Year in Child Abuse & Neglect, the official journal of The International Society of the Prevention of Child Abuse & Neglect (ISPCAN). This paper was chosen as Article of the Year out of the 238 manuscripts published in Child Abuse & Neglect in 2017. The criteria for the award are: a) novel nature of the paper, b) potential to advance the field, and c) high academic quality. Afifi TO, Ford D, Gershoff E, Merrick M, Grogan-Kaylor A, Ports KA, MacMillan HL, Holden GW, Taylor CA, Lee SJ, Peters Bennett R. Spanking and adult mental health impairment: The case for the designation of spanking as an adverse childhood experience. Child Abuse & Neglect. 2017;71: 24-31.

Dr. Tracie Afifi was the 2017 Recipient of a Merit Award in the Research, Scholarly Work, and Creative Activities Category from the University of Manitoba and University of Manitoba Faculty Association.

Dr. Marcia Anderson was named one of Canada’s most powerful women in 2018 by Women’s Executive Network (WXN) for “bolstering Indigenous medical education and health-care delivery in Northern Manitoba”. Launched in 2003, WXN’s annual awards celebrate the incredible accomplishments of 100 Canadian women who have achieved great things for our society.

Dr. Meghan Azad received the 2018 International Society for Research in Human Milk and Lactation (ISRHLML) Ehrlich-Koldovsky Award recognizing junior investigators making outstanding original scientific contributions to the study of human milk and lactation.

Alain Beaudry, Fourth year medical student won third prize for his poster presentation at the 17th International Congress on Circumpolar Health held in Copenhagen in August 2018. His research project was entitled “Cancer Screening In Northern Canada: An Analysis of Current Practices” and was undertaken as part of his circumpolar health research elective with Dr. Pamela Orr. During the meeting Alain was elected as member-at-large to the council of the International Union for Circumpolar Health (IUCH) and appointed secretary of the IUCH.

Dr. Marni Brownell was the recipient of the Geoffrey C. Robinson Award for outstanding contributions to child and youth health through population health or health services research; Canadian Pediatric Society.

Karen Cook was a recipient of the 2018 University of Manitoba Leadership Award of Excellence. This award celebrates the exceptional contributions that Karen has made as project manager in the Office of Community Engagement.

Linda Diffey was awarded an Indigenous Award of Excellence in the support staff category (Community Builder).

Dr. Evelyn Forget has been shortlisted for the Donner Prize, in relation to her recent book “Basic Income for Canadians: The Key to a Healthier, Happier and More Secure Life for All.” The prestigious Donner Prize, founded in 1998, annually rewards excellence and innovation in public policy writing by Canadians. In bestowing this award, the Donner Canadian Foundation seeks to broaden policy debates and make an original and meaningful contribution to policy discourse; all of which will contribute to an even stronger and more inclusive Canadian democracy.

Dr. Barry Lavallee was awarded an Indigenous Award of Excellence in the faculty category (Trailblazer).

Dr. Melinda Fowler was a 2018 CBC Manitoba Future 40 Finalist in the category health, sports, and wellness.

Dr. Melinda Fowler received teaching nominations in four categories for the 2017 academic year: best teaching small group setting, innovation, inspiration, and mentorship.

Dr. Melinda Fowler received a citation award with Manitoba Society of Occupational Therapists.

Chelsea Jalloh was the co-recipient of the Dr. R. Hedley Memorial Research Fund Award. This award provides research support for projects that demonstrate the potential for improving the quality of education in Manitoba.

Dr. Alyson Mahar was the recipient of the Colonel Russell Mann Military Family Health Research Award. This award recognizes high-quality Canadian research that increases our understanding of military and veteran family health. Awarded by the Vanier Institute of the Family for co-authorship on: Military Family Resilience/y: An environmental scan of programs and services.

Dr. Alyson Mahar was nominated to Canada’s Top 40 Under 40.

Dr. Alyson Mahar won the best oral presentation which was awarded by the Korean Gastric Cancer Association for co-authorship on: Surgical practice pattern outcomes and costs of care for resected gastric cancer patients.

Dr. Nathan Nickel was inducted to Delta Omega - The US National Honor Society for Public Health UNC-Chapel Hill.

Dr. Nathan Nickel was the Terry G. Falconer Memorial Rh Institute Foundation Emerging Researcher, Rh Institute Foundation.

Dr. Nathan Nickel was a CBC Manitoba Future 40 Under 40 in Manitoba.

Dr. Nicole Riese received an Awards of Excellence by the Manitoba College of Family Physicians. The Awards of Excellence recognize College of Family Physicians of Canada members who in the past 12 to 24 months have made an outstanding contribution in a specific area pertaining to one or more of the following areas: patient care, community service, hospital or health-care institutions, college activities (national or chapter), teaching, research, or other elements of the academic discipline of family medicine.

Dr. Allan Ronald was presented the 2017 Mentor of the Year Award from the Royal College of Physicians and Surgeons (Saskatchewan and Manitoba region).

Dr. Shahin Shooshtari received the Highly Commended Award from Emerald Publishing for her paper published in Advances in Mental Health and Intellectual Disabilities in 2017. doi:10.1108/AMHID-03-2017-0007.

Dr. Kathryn Sibley was nominated for the Applied Health Sciences, Governor General’s Gold Medal.
Dr. Ian Whetter received an Awards of Excellence by the Manitoba College of Family Physicians. The Awards of Excellence recognize College of Family Physicians of Canada members who in the past 12 to 24 months have made an outstanding contribution in a specific area pertaining to one or more of the following areas: patient care, community service, hospital or health-care institutions, college activities (national or chapter), teaching, research, or other elements of the academic discipline of family medicine.

Dr. Ian Whetter received a University of Manitoba Community Engagement Award. This award honours staff who have been active in community engagement activities which enlarge and enrich the contacts between the University and all segments of the community.

Dr. Ian Whetter received the Manitoba Medical Student Association Award for Mentorship (Med 1).

EDUCATIONAL PROGRAMS

UNDERGRADUATE STUDIES PROGRAMS

Dr. Kerstin Roger, Director
Alisa Claman, Academic Advisor
Shelly Goodacre, Program Coordinator
Audrey Du, Office Assistant

HIGHLIGHTS

The Family Social Sciences Program has undergone administrative and program restructuring. Admissions to the program have been suspended, and there will be no further admissions after January 2019. Students currently enrolled in the Family Social Sciences Program will continue with their degree.

The content from the former Family Social Sciences Program (FMLY courses) is now housed within the family health concentration of the bachelor of health studies (BHSt) degree program and continues to be delivered by the undergraduate program, CHS. This degree program is within the Interdisciplinary Health Program (IHP). The undergraduate program also delivers four core courses for the IHP Program in the BHSt and the BHSc degree.

COURSE DELIVERY

Fall 2018
From September 5, 2018 to December 7, 2018, the Family Social Sciences Program delivered 18 FMLY courses to a total of 1,298 students. Using the best of online learning technologies available and providing students with flexible learning opportunities—e.g., University of Manitoba Strategic Plan (2015-2020)—four of these courses were delivered online and reached 402 of the students.

Winter 2019
From January 7, 2019 to April 9, 2019 the Family Social Sciences Program delivered 16 FMLY courses to a total of 1,273 students. To provide students with flexible learning opportunities, six of these courses were delivered online, reaching 620 of the students.

Summer 2019
From May 6, 2019 to August 9, 2019, the Family Social Sciences Program delivered 17 FMLY courses to a total of 629 students. To provide students with flexible learning opportunities, eight of these courses were delivered online, reaching 332 of the students.

Field Placement
For over 30 years, the Family Social Sciences Field Placement (FMLY 4300) course has been an integral part of the Family Social Sciences Program. This 6 credit hour course requires students to complete 120 hours of supervised work in a professional setting. It provides an opportunity for students to apply knowledge in a professional setting and obtain training and experience through interaction with qualified professionals. Students are placed in a wide range of sites including frontline activities, research activities, program delivery, and program development and evaluation.

This year, 19 community organizations provided placements for 23 students (18 Family Social Sciences and five Interdisciplinary Health Sciences). This tremendous 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 students, community partners and faculty at the Fort Garry campus.

Graduates
Thirty-six students graduated from the Family Social Sciences Program during the 2018/2019 academic year.

Undergraduate Education Committee
Membership:
- Kerstin Roger (Director, Undergraduate Program and Committee Chair)
- Stephen Moses (Department Head)
- Mark Nachtigal (Director, IHP Program)
- Javier Mignone (full-time CHS faculty)
- Joan Durrant (full-time CHS faculty)
- Alyson Mahar (full-time CHS faculty)
- Tammy Taillieu (full-time CHS faculty)
- Audrey Swift (full-time CHS faculty)
- Alisa Clayman (student advisor)
- Jamela Foronda (IHP student)
- Pascaline Ciroyi (FSS student)

UNDERGRADUATE MEDICAL EDUCATION PROGRAM

Dr. Joss Reimer, Co-Director, UGME Pre-clerkship
Dr. Adrienne Morrow, Co-Director, UGME Clerkship
Dr. Joel Kettner, Assistant Director, Public Health Rotation
Chelsea Jalloh, CHS Undergraduate Medical Education Coordinator
Ceilidh Miller, CHS Undergraduate Medical Education Office Assistant

PRE-CLERKSHIP

Population Health Course
In pre-clerkship, Population Health content consists of longitudinal courses in both Year 1 and Year 2. The goal of the pre-clerkship courses is to provide a broad framework of knowledge on measuring and improving the health of individuals and populations. Year 1 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 builds upon the foundational concepts in Year 1 and includes units such as Statistics and...
Critical Appraisal, Environmental and Occupational Health, and Specific Populations & Topics, which includes a unit on Stigmatized Conditions (e.g., sessions on topics such as psychoactive substance use, intimate partner violence, homelessness), a unit on Gender and Sexual Health (e.g., sessions on topics such as gendering perspectives, healthy sexuality, and 2SLGBTQ+ health), and a unit on Global Health (e.g., sessions on topics such as immigrant and refugee health; health systems in other countries; and war, conflict, and health).

The pre-clerkship courses are comprised of whole group lectures, small group tutorials, assigned studies, and whole group active sessions. This academic year, upwards of 50 instructors, many of whom are Community Health Sciences (CHS) Faculty, participated as instructors for small group sessions. Sincere thanks to the instructors who have shared their expertise, experiences, and energy to create meaningful learning opportunities for the students throughout this academic year!

Supporting Instructor Development

A significant component of pre-clerkship Population Health course content at the University of Manitoba is delivered through small group sessions (SGS). In reviewing aggregate student evaluations, a number of recurring desirable themes and undesirable themes were identified regarding SGS instruction. Based on student feedback, a teaching development resource for SGS instructors was created. Intended to be quick, accessible, and practically applicable, a series of podcasts regarding best practices for SGS instruction were developed in collaboration with the Office of Educational and Faculty Development. Thank you to the CHS faculty who shared their teaching experience and expertise in these podcasts; Drs. Joel Kettner, Joss Reimer, Adrienne Morrow, and Pierre Plourde.

The link to these podcasts has been shared with SGS instructors in the Population Health course. The podcasts are available at: umanitoba.ca/healthsciences/medicine/education/ed_dev/podcasts.html

Service Learning

This year marked the third year of service learning as a curricular component of the pre-clerkship Population Health courses. Over 35 community based organizations worked closely with 222 first and second year students on service learning initiatives. Within the academic year, all pre-clerkship medical students were required to complete between 22 and 24 hours of service learning. This tremendous learning opportunity would not be possible without ongoing relationships and collaborations with the following community partners:

- Access NorWest
- Bear Clan
- Biomedical Youth Program
- Boys and Girls Clubs of Winnipeg
- Children’s Hospital
- CKUW Radio
- Elmwood Community Resource Centre
- Ethio-Canadian Cultural Academy
- Fort Garry Women’s Resource Centre
- GROW
- Health Sciences Centre Volunteers
- Immigrant and Refugee Community Organization of Manitoba (IRCOM)
- Jacob Penner Park
- Let’s Talk Science
- Main Street Project
- Manitoba Harm Reduction Network
- Manitoba Interfaith Immigration Council (Welcome Place)
- Children’s Hospital
- Children’s Hospital
- Community Health Assessment
- Introduction to Public Health
- Community Health Assessment
- Public Health Hot Topic
- Health Promotion and the Role of the Medical Officer of Health (regional)
- Healthy Built Environment
- Newcomers’ Employment and Education Development Services (NEEDS)
- Opikihawin - New Directions
- Rossbrook House
- Siloam Mission
- Special Olympics
- Spence Neighbourhood Association
- St. Mark’s Coptic Church
- Sunshine House
- Villa Rosa
- West Broadway Youth Outreach
- West Central Women’s Resource Centre
- Westgate Mennonite Collegiate
- Winnipeg Harvest
- Winnipeg School Division
- Winnipeg Repair Education and Cycling Hub (WRENCH)

CLERKSHIP

Transition to Clerkship (TTC)

This five-week module transitions students from the classroom-based learning in pre-clerkship to undertaking their clinical rotations on the wards in Year 3. CHS continues to coordinates a number of TTC sessions. In the 2018/2019 academic year, TTC sessions included:

- Travel Medicine (lecture)
- Language & Advocacy (whole group session active) - delivered in partnership between Student Affairs/Supporting Instructor Development and the U of M Standardized Patient coordinator
- Workers Compensation Board (lecture and tutorial)
- Skills in LGBTTQ Health (whole group session active) - delivered in partnership between faculty and content experts from community
- Poverty Awareness and Community Action Workshop (whole group session active) - delivered in partnership between Student Affairs/Supporting Instructor Development, Experience, and Student life and content experts from community

Student feedback indicated that these sessions were well-received and that students particularly valued learning from content experts/people with lived experience from the community.

Public Health Rotation

Public Health is represented in the 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
- Health Promotion and the Role of the Medical Officer of Health (regional)
- Healthy Built Environment
- Introduction to the role of Provincial Medical Officer of Health
- Communicable Disease Case
- Environmental Health Case
- Emergency Preparedness and Response

Physician Development Curriculum (PDC)

During their clinical rotations, Year 3 clerks participate in Physician Development Curriculum (PDC) sessions on Thursday afternoons. These sessions cover a range of topics throughout the year. There are two series of CHS PDC sessions. The first series, Health Equity (two sessions), aims...
to connect students’ clinical experiences with their previous learning about health equity and to identify the physician role in addressing health inequities at clinical, system, and population levels. The second series, Health Advocacy (seven sessions), is delivered in partnership with the Indigenous Health course and focuses on the CanMEDS role of “health advocate.” In this series, students develop practical skills to advocate for change to address health inequities at policy and population levels.

CHS has established a new student award in relation to the Health Advocacy PDC sessions. At the conclusion of the Health Advocacy PDC series, students may submit their summative health advocacy project (including a well-sourced briefing note and an advocacy letter about an advocacy topic of their choice) to be considered for the CHS Health Advocacy Award. In October 2018, students Lucas Vasas and Christopher Briggs received the CHS Health Advocacy Award for their project lobbying for Pharmacare to cover preventative HIV medication in Manitoba.

Electives
During this academic year, four University of Manitoba medical students participated in electives offered by CHS during period 9 (October 1 - December 21, 2018). Two University of Manitoba students completed electives in Indigenous Health - Policy, Programs & Planning, and two students completed electives in Winnipeg Regional Health Authority - Public Health & Preventive Medicine (Regional).

In addition, elective preceptors also worked with four visiting elective students: two students at WRHA Public Health & Preventive Medicine, one student in Aboriginal Health - Traditional Teachings and Traditional Knowledge, and one student in Indigenous Health - Policy, Programs & Planning.

Selectives
This academic year, CHS offered a number of selective opportunities for fourth year medical students. Selectives are similar to electives, however, in this case, medical students submit their rankings for a finite list of opportunities available and are matched according to their rankings.

<table>
<thead>
<tr>
<th>Specialty/Topic</th>
<th>2019 February</th>
<th>2019 March</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indigenous Health - Policy, Programs &amp; Planning</td>
<td>2 students</td>
<td>0 students</td>
</tr>
<tr>
<td>Manitoba Health - Public Health &amp; Preventive Medicine (Provincial)</td>
<td>0 students</td>
<td>1 student</td>
</tr>
<tr>
<td>Winnipeg Regional Health Authority - Public Health &amp; Preventive Medicine (Regional)</td>
<td>2 students</td>
<td>2 students</td>
</tr>
</tbody>
</table>

Thank you to the preceptors and administrative staff who work with and support these undergraduate medical students during the CHS clerkship components of their medical education.

COMMUNITY PARTNERSHIPS
Many of the pre-clerkship and transition to clerkship sessions are delivered in partnership with community organizations. These content experts are engaged in the development and delivery of learning experiences for CHS programming for undergraduate medical students. Sincere thanks to the following organizations for your contributions to undergraduate medical education:

- BridgeCare Primary Care Clinic
- Community Unemployed Help Centre
- Independent Living Resource Centre
- Interdisciplinary Master’s Program in Disability Studies at the University of Manitoba
- Manitoba Harm Reduction Network
- MFL Occupational Health Centre
- Mosaic Newcomer Family Resource Centre
- Winnipeg Harvest
- Women’s Health Clinic
- WRHA Healthy Sexuality & Harm Reduction
- WRHA Language Access Interpreter Services

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

- Canadian Conference on Medical Education (April 26 - May 1, 2018)
  - Oral Presentation: Reconciling curriculum objectives and assessment: A case study from Population Health courses at the University of Manitoba
  Authors: Jalloh C, Collins B, Morrow A, Reimer J. (Halifax, NS)

- Rady Faculty of Health Professions Education Research Day (May 8, 2018)
  - Poster Presentation: Reconciling curriculum objectives and assessment: A case study from Population Health courses at the University of Manitoba
  Authors: Jalloh C, Collins B, Morrow A, Reimer J. (University of Manitoba, Winnipeg)
  - Poster Presentation: Implementation of a service learning requirement for undergraduate medical students
  Authors: Cook K, Whetter I, Jalloh C, Ichihashi E, Lafleur D, Otisi-Didi J. (Halifax, NS)

GRADUATE PROGRAM

Dr. Michelle Driedger, Director, PhD, M.Sc and Diploma programs

Dr. Robert Tate, Director, MPH program (to June 30, 2018)

Theresa Kennedy, Graduate Program Coordinator

Alison McAulay, Graduate Program Assistant

HIGHLIGHTS
Twenty-nine students entered the CHS Graduate Program in 2018/2019: eight PhD students, 18 M.Sc. students, and seven MPH students. No students were admitted to the Diploma in Population Health program. In addition, four students deferred entry to fall 2019 and of these, one later declined the offer for admission. Of these deferrals, two are master’s students and one is a PhD.
With these new additions to the student body, our program numbers (at time of fall 2018 start) included a total of 103 students: 30 PhD, 54 M.Sc., 12 MPH, three FSS, and one diploma. We also have two PhD IIS and one M.Sc. IIS students where CHS is the home department.

Thirty-two students were recommended for admission to the CHS graduate program for the 2019/2020 year: 13 for the PhD program, 17 for the M.Sc. program, two for the MPH program, and none in the diploma program. Of note, there had been an applicant for the diploma program that also met the criteria for the MPH program. Following consultation with the student, an offer was made for the MPH program.

Thirty-six students held awards, of which 14 of these students held more than one award.

Twenty-four graduate program students completed programs in the past 12 months. This includes one DipPH, eleven CHS M.Sc., two FSS M.Sc., six PhD and four MPH graduates.

AWARDS

Graduate Program Students New and Continuing on Awards

<table>
<thead>
<tr>
<th>Research Award</th>
<th>Recipient</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIHR Doctoral: Frederick Banting and Charles Best Canada Graduate Scholarships (CGS-D)</td>
<td>Anthony Huynh (new); Leah Crockett (new); Lisa Lazarus (continuing); Sheila Novek (continuing)</td>
</tr>
<tr>
<td>Children's Hospital Research Institute of Manitoba Major Research Award</td>
<td>Elizabeth Wall-Wieler</td>
</tr>
<tr>
<td>CIHR Banting and Best CGS-Masters</td>
<td>Lindsay Allen (new); Allison Feely (new)</td>
</tr>
<tr>
<td>Tri-Council Top Up Award to CIHR CGS-M</td>
<td>Lindsay Allen (new); Allison Feely (new)</td>
</tr>
<tr>
<td>CIHR Dr. James Rossiter Award</td>
<td>Kelly Brown (new); Lee Salazar (new)</td>
</tr>
<tr>
<td>CIHR CGS Michael Smith Foreign Study Supplements</td>
<td>Lisa Lazarus (new)</td>
</tr>
<tr>
<td>CIHR Graduate Studentship Award</td>
<td>Kate St. Cyr</td>
</tr>
<tr>
<td>CIHR National Poster Competition Gold Medal</td>
<td>Elizabeth Wall-Wieler</td>
</tr>
<tr>
<td>Clarence Bogardus Sharpe Memorial scholarship</td>
<td>Patrick Gordon (new)</td>
</tr>
<tr>
<td>Dean of the RFHS Achievement Prize</td>
<td>Leah Crockett (new); Lindsay Mazur (new)</td>
</tr>
<tr>
<td>Distinguished Dissertation Award</td>
<td>Elizabeth Wall-Wieler</td>
</tr>
<tr>
<td>Doctoral Award for Indigenous Students</td>
<td>Amanda Fowler-Woods (new)</td>
</tr>
<tr>
<td>E.L. Drewry Memorial Award for Best Doctoral Research in the College of Medicine, University of Manitoba</td>
<td>Elizabeth Wall-Wieler</td>
</tr>
<tr>
<td>Evelyn Shapiro for Health Services Research</td>
<td>Shannon Struck (new)</td>
</tr>
<tr>
<td>GETS</td>
<td>Shannon Struck (continuing)</td>
</tr>
<tr>
<td>Graduate Fellowship Dr. Lix</td>
<td>Shamsia Sobhan (new)</td>
</tr>
<tr>
<td>Greene Memorial Fellowship</td>
<td>Lea Salazar (new)</td>
</tr>
<tr>
<td>Health Sciences Graduate Student Association Manitoba Poster Award</td>
<td>Elizabeth Wall-Wieler</td>
</tr>
<tr>
<td>International Graduate Student Entrance Scholarship (IGSES)</td>
<td>Mona Mohammadnia (new); Shamsia Sobhan (new)</td>
</tr>
<tr>
<td>Jack MacDonell Scholarship for Research in Aging</td>
<td>Lisette Dansereau (new)</td>
</tr>
<tr>
<td>Jack Tu Internal Population Data Linkages network Student Award (Honorable Mention)</td>
<td>Elizabeth Wall-Wieler</td>
</tr>
<tr>
<td>Lindau Nomination</td>
<td>Elizabeth Wall-Wieler</td>
</tr>
</tbody>
</table>

Graduate Program Committee Membership

- Michelle Driedger, Director, graduate program and Committee Chair
- Sharon Bruce, Acting Head (April 1, 2018 - December 31, 2018)/Stephen Moses, Head (January 1, 2019 - March 31, 2019)
- Brent Roussin, Director, Public Health and Preventive Medicine (PHPM) residency program
- Robert Tate, Director, MPH Program (April 1, 2018 - June 30, 2018)
- Tracie Afifi (full-time CHS faculty)
- Karen Duncan (full-time CHS faculty)
- Deborah McPhail (full-time CHS faculty)
- Mahmoud Torabi (full-time CHS faculty)
- Ruth Ann Marrie (to December 18, 2018 - part-time CHS faculty)/R. Rabbani (part-time CHS faculty to March 31, 2019)
- Colleen Metge (part-time CHS faculty)
- Leigh McClarty/I. Garces (graduate program students)
- Michael Paille/J. Boram Lee (graduate program student)
- Natalie Casaclang/P. Benoit (PHPM residency program student)
MB Family Year 1994 Legacy Scholarship

Manitoba Graduate Scholarship (MGS) Masters

Manitoba Training Program for Health Services Research

Prairie Indigenous Knowledge Exchange Network (PIKEnet) Top Up Award

Research Manitoba PhD Coordinated Studentship

Research Manitoba/Rady Faculty of Health Sciences Graduate Entrance Scholarship

Research Manitoba M.Sc. Coordinated Studentship

Research Manitoba Master’s Studentship

Research Manitoba/Children’s Hospital Research Institute of Manitoba Master’s Studentship

SSHRC Joseph-Armand Bombardier Canada Graduate Scholarship CGS-Masters

Tri-Council Top Up Award to SSHRC Master’s

Tri-Council Master’s Supplement Award (continuation for Year 2 SSHRC or CIHR CGSM)

University of Manitoba Graduate Fellowships (PhD)

University of Manitoba Graduate Fellowships (M.Sc.)

Visual and Automatic Disease Analytics (VADA) Training Program

Women’s Health Research Foundation of Canada Graduate Scholarship

Graduated Students

Twenty-four graduate program students completed programs in the past 12 months. This includes one DipPH, 11 CHS M.Sc., two FSS M.Sc., six PhD and four MPH graduates. A listing of students with relevant information appears below.

<table>
<thead>
<tr>
<th>Students</th>
<th>Program</th>
<th>M.Sc. &amp; PhD Thesis/MPH Title, Field Placement Agency and Location</th>
<th>Defense/Presentation Date*</th>
<th>Advisor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hasantha Gunaratna Sinnock</td>
<td>M.Sc.</td>
<td>Hepatitis B vaccination coverage among foreign-born Canadians: Data from the community health measures survey</td>
<td>August 2, 2016</td>
<td>Dr. S. Shooshtari</td>
</tr>
<tr>
<td>Morgan Stirling</td>
<td>FSS M.Sc.</td>
<td>Safe and inclusive housing for lesbian, gay, bisexual, and transgender older adults</td>
<td>March 22, 2018</td>
<td>Dr. K. Roger</td>
</tr>
<tr>
<td>Reid Whitlock</td>
<td>M.Sc.</td>
<td>Comparative effectiveness of oral antihyperglycemic agents in patients with diabetes and chronic kidney disease</td>
<td>April 16, 2018</td>
<td>Dr. N. Tangri</td>
</tr>
<tr>
<td>Hui Pan</td>
<td>MPH</td>
<td>Assessment of the one-stop ACCESS model to meet multilevel needs of patients/clients from the River East area, Winnipeg: Canadian experiences for improving primary health care in China Placement: Access River East</td>
<td>May 10, 2018</td>
<td>Dr. R. Tate; Dr. L. Elliott; Dr. B. Roussin; Field Placement Supervisor: Dr. P. Sawchuk, Access River East</td>
</tr>
<tr>
<td>Xuan Chen</td>
<td>M.Sc.</td>
<td>Impact of cluster sampling on scale psychometrics: Simulation study and application to mental health survey</td>
<td>May 22, 2018</td>
<td>Dr. D. Jiang</td>
</tr>
<tr>
<td>Saeed Al-Azazi</td>
<td>M.Sc.</td>
<td>Improving accuracy of disease prevalence estimates by combining information from administrative health records and electronic medical records</td>
<td>June 8, 2018</td>
<td>Dr. L. Lix</td>
</tr>
<tr>
<td>Mohammad Nazmus Sakib</td>
<td>M.Sc.</td>
<td>Examining multimorbidity among middle-aged Canadians</td>
<td>June 13, 2018</td>
<td>Dr. V. Menec</td>
</tr>
<tr>
<td>Janique Fortier</td>
<td>M.Sc.</td>
<td>Maternal responses to having a child taken into care</td>
<td>June 15, 2018</td>
<td>Dr. L. Roos</td>
</tr>
<tr>
<td>Elizabeth Wall-Wieler</td>
<td>PhD</td>
<td>An Intergenerational Decolonizing Path to Healing: Envisioning Change with Indigenous Mothers and Girls</td>
<td>August 14, 2017</td>
<td>Dr. M. Driedger</td>
</tr>
<tr>
<td>Darrien Morton</td>
<td>FSS M.Sc.</td>
<td>Insolvency and marital breakdown</td>
<td>June 27, 2018</td>
<td>Dr. E. Forget</td>
</tr>
<tr>
<td>Students</td>
<td>Program</td>
<td>M.Sc. &amp; PhD Thesis/MPH Title, Field Placement Agency and Location</td>
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</tr>
<tr>
<td>Nicole Herpai</td>
<td>M.Sc.</td>
<td>Do you have a family doctor?: A mixed-methods health policy analysis of primary care reform in Canada</td>
<td>July 12, 2018</td>
<td>Dr. E. Forget</td>
</tr>
<tr>
<td>Yang Cui</td>
<td>PhD</td>
<td>Consequences and control of tobacco use among some vulnerable Canadian populations</td>
<td>July 16, 2018</td>
<td>Dr. E. Forget</td>
</tr>
<tr>
<td>Marc Wallace</td>
<td>MPH</td>
<td>Crystal methamphetamine in the north: Equipping northern regional health authority frontline health-care staff with knowledge and tools to manage clients presenting with methamphetamine-induced toxicity and to link clients with harm reduction services Placement: Northern Health Region</td>
<td>July 24, 2018</td>
<td>Dr. R. Tate; Dr. L. Elliott; Dr. B. Roussin; Field Placement Supervisor: Dr. M. Isaac, Medical Officer of Health, Northern Health Region</td>
</tr>
<tr>
<td>Carly Lodewyks</td>
<td>M.Sc.</td>
<td>Long term functional survival after surgery on the thoracic aorta in Manitoba</td>
<td>July 27, 2018</td>
<td>Dr. R. Tangri; Dr. R. Arora</td>
</tr>
<tr>
<td>Emily Rimmer</td>
<td>M.Sc.</td>
<td>White blood cell count trajectory and mortality in septic shock: A retrospective cohort study</td>
<td>August 2, 2018</td>
<td>Dr. R. Zarychanski</td>
</tr>
<tr>
<td>Alastair Greig</td>
<td>MPH</td>
<td>Revising the Manitoba smoke exposure from wildland fires: Guidelines for the protecting community health and well-being and determining best practices and potential health impacts Placement: Manitoba Health, office of Disaster Management</td>
<td>August 8, 2018</td>
<td>Dr. R. Tate; Dr. L. Elliott; Dr. B. Roussin; Field Placement Supervisor: Ms. B. Crumb, Executive Director, officer of Disaster Management, MB Health</td>
</tr>
<tr>
<td>Dessalegn Melesse</td>
<td>PhD</td>
<td>Understanding heterogeneity in HIV transmission dynamics among key populations at highest risk of acquisition</td>
<td>August 14, 2018</td>
<td>Dr. J. Blanchard</td>
</tr>
<tr>
<td>Kelcie Witges</td>
<td>M.Sc.</td>
<td>The relationship between adverse childhood experiences and health care use in the Manitoba IBD cohort study</td>
<td>August 16, 2018</td>
<td>Dr. L. Lix</td>
</tr>
<tr>
<td>Elsabé du Plessis</td>
<td>PhD</td>
<td>Flexible sustainabilities: continuing and change in an MNCH project in eastern Kenya</td>
<td>September 10, 2018</td>
<td>Dr. R. Lorway</td>
</tr>
<tr>
<td>Sara Good</td>
<td>PhD</td>
<td>Association of imputed gene expression with glycated haemoglobin (HbA1c) levels in people with type 1 diabetes</td>
<td>September 26, 2018</td>
<td>Dr. X. Liu; Dr. M. Becker</td>
</tr>
<tr>
<td>Cara Brown</td>
<td>PhD</td>
<td>Integrated care for older adults transitioning between hospital and the community</td>
<td>October 5, 2018</td>
<td>Dr. V. Menec</td>
</tr>
<tr>
<td>Tamara Neufeld</td>
<td>MPH</td>
<td>Hidden costs: An examination of pre-tax cost and sugar content of beverages according to excise tax eligibility in different jurisdictions Placement: UM Fort Garry Campus; Aboriginal Youth opportunities sites; National Aboriginal Diabetes Association</td>
<td>November 26, 2018</td>
<td>Dr. R. Tate; Dr. L. Elliott; Dr. B. Roussin; Field Placement Supervisor: Dr. N. Riediger, Food and Human Nutritional Sciences</td>
</tr>
<tr>
<td>Jaden Brandt</td>
<td>DipPH</td>
<td>Course Work</td>
<td>December 2018</td>
<td>S. Michelle Driedger</td>
</tr>
<tr>
<td>Elizabeth Sachs</td>
<td>M.Sc.</td>
<td>Self-rated frailty, resilience, and mortality of old men: The Manitoba follow-up study</td>
<td>March 20, 2019</td>
<td>Dr. R. Tate</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**

**Dr. Brent Roussin**, Director  
**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, fully accredited by the Royal College of Physicians and Surgeons of Canada, leading to the fellowship certification (FRCPC).

Dr. Brent Roussin is stepping down as Director of the PHPM Residency Program in CHS as of July 1, 2019 to take up new challenges. During his time as program director, the residency program has not only grown but has gone through many changes. It is with his hard work and dedication, along with the support of prior program directors and medical officers of health, that makes it a very successful and desirable residency-training program. The residency program and department would like to give our sincere thanks to Dr. Roussin for all of his outstanding work that he has done over the past seven years. A search for a new program director is underway.
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, which focus on their clinical training to complete the requirements that lead to certification in family medicine (CCFP) by the College of Family Physicians of Canada. The R3 year is an academic year where the program requirement leads to either a Master of Public Health (MPH) or a Master of Science (M.Sc.) in CHS. In the residents' fourth and fifth years the emphasis is on program core rotations in First Nations, Metis and Inuit Health, medical health communicable diseases, WRHA Urban Regional Medical Officer of Health, Rural Regional Medical Officer of Health, occupational health, and Cadham Provincial Laboratory and completing various electives in federal, provincial, and regional health and related agencies. Rotations take place in urban, rural, and northern settings.

The program continues to evolve and work on upcoming transitions with the move into a new software platform Entrada which will be used by the Max Rady Faculty of Medicine residency programs. As of July 1, 2019, Ventis will no longer be used. The PHPM program is also working on moving into Competency Base Medical Education (CBD) which will be implemented in 2020/21. Along with these changes the PHPM program will be preparing for the Royal College accreditation in which we will be using the new standard CanERA.

**Graduating Residents:**
Dr. Davinder Singh - R5
Dr. Marc Wallace - R5

**As of 1 July 2019, the program has the following full-time residents:**
Dr. Sarah Lesperance - R5
Dr. Natalie Casacalang - R5
Dr. Peter Benoit - R4
Dr. Jordyn Lerner - R4

Dr. Shilpa Loewen - R3
Dr. Eileen Burnett - R2
Dr. Joshua Aquin - R2
Dr. Lerly Luo - R1

**MANITOBA TRAINING PROGRAM FOR HEALTH SERVICE RESEARCH**

Malcolm Doupe, Director
Naatasha Mohammad and Maryam Razzaq, Program Coordinators

The Manitoba Training Program in Health Services Research (MTP-HSR) offers applied health services research training opportunities to graduate students from a variety of disciplines, preparing them to address the research needs of a wide range of health-care policy makers.

**HIGHLIGHTS**

In partnership with Manitoba Health, Seniors and Active Living (MHSAL), MTP submitted a proposal to CIHR (Health System Impact Fellowship) to fund a two-year postdoctoral fellowship in the area of policy development. Results to be announced mid-summer.

**KEY ACTIVITIES**

During the 2018/19 academic year, 27 students from the University of Manitoba applied to MTP. The adjudication committee, consisting of the MTP director, faculty members from across the University of Manitoba, and representatives from Manitoba Health, Seniors and Active Living, selected six students to participate in the program. Five students accepted this award:

Lindsay Allen, M.Sc. in Community Health Sciences
Ryan Bamforth, M.Sc. in Community Health Sciences
Donica Janzen, PhD in Pharmacy
Janelle Lee, M.Sc. in Community Health Sciences
Kaitlyn Obedzinski, PhD in Sociology

MTP students participated in various training events and knowledge translation workshops. In our core seminar course (CHSC 7730), students collaborated with decision-makers to learn about the need for evidence to guide reform strategies and to better understand how their research could assist with this process.

Opportunities for students to network with decision-makers are a foundation of our program, and student work placement experiences are an essential part of MTP. Placements for students have now been developed, and these will continue for the summer months. Placement agencies include MHSAL and Shared Health. Some of the project topics this year include:

- Review of renal dialysis practices to support provincial policy development.
- Analyzing pharmaceutical policies across Canada, focusing specifically on long-acting injectable antipsychotics.
- Investigating the reasons for ‘no-shows’ in prenatal mental health clinics.
- Providing evidence to guide policies that better support informal care givers.

**FUTURE DIRECTIONS**

The director will continue to develop and improve this program with guidance and input from the Executive Advisory Board and MHSAL. Areas of specific focus include:

- We will continue our recruitment efforts to increase program visibility at the university. In the 2019/20 program year, the Manitoba SPOR Primary and Integrated Healthcare Innovation Network has agreed to sponsor one graduate student to partake in MTP.

Some revisions to program content will occur, placing further emphasis on policy development and evaluation, leadership training, plus change management skills.

**DEPARTMENTAL AWARDS**

**DR. CHRISTINE EGAN MEMORIAL SCHOLARSHIP**

In memory of Dr. Christine Egan (PhD/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 recipients are: Wendy Savikataaq, Oopik Aglukark, Melynda Ehalock, and 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.

There was no recipient this year.
**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 MCHP, 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: **Shannon Struck** and **Margherita Cameranesi**

**JACK 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, now known as Ongomiizwin - Health Services.

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: **Ruth Habte**

**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 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: **Amani Hamad** for *Early Childhood Antibiotics Use and Autism Spectrum Disorders: A Population-Based Cohort Study*.

**DEPARTMENTAL UNITS**

**CENTRE FOR GLOBAL PUBLIC HEALTH**

**Dr. James Blanchard**, Director  
**Dr. Stephen Moses**, Associate Director

**HIGHLIGHTS**

The Centre for Global Public Health (CGPH) continues to work in our focus countries of India, Kenya, Pakistan, Nigeria and Ukraine.

The Technical Support Unit program in Uttar Pradesh focuses on supporting improvements in Reproductive, Maternal, Neonatal, and Child Health (RMNCH). Presently there are six major active projects in Uttar Pradesh in the area of RMNCH, funded by the Bill & Melinda Gates Foundation, with total project funding of $85.9 million USD. These include “Technical assistance to improve access, scale and quality of family planning”, scheduled for completion in October 2019; “Improved quality of community and low level facility management of childhood pneumonia and diarrhea in Uttar Pradesh”, scheduled for completion in January 2020; “Technical support for improving nutrition status among mothers, infants and young children”, scheduled for completion in January 2020; “Techno-managerial support to improve health systems platforms”, scheduled for completion in October 2019; “Techno-managerial support to improve MNCH outcomes”, scheduled for completion in October 2019; and “Operations research on Post-Partum Hemorrhage control, newborn asphyxia and breastfeeding in Uttar Pradesh”, scheduled for completion in October 2019. We are working this year on developing the next phases of these projects, which will hopefully extend over the next several years. In Kenya, work continues on the project “Reduce HIV incidence in Kenya by expanding adolescent voluntary male circumcisions, introducing early infant male circumcision and increase the focus on program safety.” After three and a half years, this project is scheduled to conclude in June 2019, but will likely be extended for another three years. The Grand Challenges project “Integrated innovation to improve maternal, newborn and child health; the graphless partograph” continues with excellent participation from rural communities in Kenya. In Ukraine, collaboration with our partner in Ukraine continues with important results on the project “The impact of political conflict on the dynamics of sex work, and the HIV/STI and HCV epidemics in Ukraine” funded by the Canadian Institutes for Health Research (CIHR). Work continues for several additional CIHR funded projects based in Canada including: “Canadian HIV women’s sexual and reproductive health cohort study”, in collaboration with Women's College Hospital, Toronto and “Advancing primary health care for persons living with HIV in Canada” working with Bruyere University in Ottawa. In Pakistan, work continues on the project “External evaluation of the Ummeed-e-nau(UeN) initiative to support women and girls in Pakistan.” This project involves collaboration with two local partners; CGPH Pakistan and the Health Services Academy (HSA), both based in Islamabad.

Several projects were successfully completed during the year. In Kenya, the project “Enhancing the impact of HIV prevention programs for the most at-risk populations in Kenya” was concluded in June 2018, after operating for a total of seven years. It resulted in the development of a technical support unit in collaboration with the Government of Kenya.
including “Key populations mapping and size estimation in 34 counties in Kenya,” which was concluded in March 2019 and was funded by the University of Southern California. 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 was concluded in June 2018. This resulted in CGPH being awarded a related project funded by Gilead Sciences. The CIHR funded project “Philanthrocapitalism, sociality and citizenship in Bill & Melinda Gates Foundation interventions” was concluded in March 2019, running for a total of five years.

This year CGPH was awarded several new projects from a variety of funding agencies. Dr. Ties Boerma was awarded 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. Dr Boerma was also successful in securing funding from the World Health Organization for the project “Technical support to the work of WHO/IER by working with countries within the context of the Health Data Collaborative.” In Nigeria, we were very pleased to have been awarded the project “Provide technical support on the conduct of the 2018 programmatic mapping and key population size estimate in 9 project states and the Federal Capital Territory in Nigeria” funded by Society for Family Health and the Global Fund against AIDS, TB, and Malaria (GFATM). We hope this will lead to additional projects in Nigeria. In Kenya, the Technical Support Unit team has begun work on the project “Generating evidence on HIV Self-Testing within MSM communities” funded by the Bill & Melinda Gates Foundation.

COMMUNITY ENGAGEMENT

In June 2018, the CGPH co-hosted a two-day event “Canada and Global Public Health: Moving from Strategy to Action: A National Conference”. This conference was sponsored by the University of Manitoba and the Gairdner Foundation, with the goal of reflecting on Canada’s contributions to global public health and looking forward to partnerships with governments, non-governmental organizations, academic institutions and funders to address current and future challenges. During the two-day event, the University welcomed speakers from Cayetano Heredia University in Peru, Johns Hopkins University in the USA, a Gairdner Laureate from Brazil, the London School of Hygiene and Tropical Medicine, the Health Services Academy Pakistan, Makerere University Uganda, Antara Foundation in India, the World Bank in the USA, and the National Agency for the Control of AIDS Nigeria. In addition, several representatives from Canadian academic institutions and agencies attended. With such a variety of speakers, a wide range of topics were discussed with varying viewpoints, giving rise to many interesting and spirited discussions, all with the objective of taking stock of what has been accomplished and identifying promising directions for Canada’s contributions to meeting global public health priorities.

TRAINING/MENTORING ACTIVITIES

This year, two CGPH PhD candidates successfully defended their theses. Congratulations to Dessalegn Melesse on his thesis “Understanding Heterogeneity in HIV Transmission Dynamics among Key Populations at Highest Risk of Acquisition” and to Elsaide du Plessis on her thesis “Flexible Sustainabilities: Continuity and Change in an MNCH Project in Eastern Kenya”. Both are continuing to work at the Centre, providing support on two projects headed by Dr. Ties Boerma.

As part of our ongoing partnership with the Health Sciences Academy in Islamabad, Pakistan, the Centre provided support and assistance in the development and delivery of a five-day workshop on Epi-Biostatistics for students of the Academy. This course was delivered in September 2018. A three-day meeting on proposal development was then conducted at the Health Services Academy, with four students finalizing proposals with support from RFHS and CGPH faculty members as supervisors.

LIST OF STAFF

Faculty
Dr. James Blanchard, Director; Dr. Stephen Moses, Associate Director; 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

Research Associates/Assistants
Dr. Leila Amiri; Dr. Eve Cheuk; Dr. Elsaide du Plessis; Ms. Elizabeth Hamilton; Ms. Adina Lakser; Dr. Dessalegn Melesse; Dr. Maureen Murney; Dr. Lorine Pelly; Dr. Deepa Sankaran; Dr. Sourdavat Shaw

Student Research Assistants
Ms. Dhiwya Attawar, PhD student; Ms. Claudyne Chevrier, PhD student; Ms. Priscila Ferreira Da Silva, M.Sc. student; Ms. Nicole Herpai, M.Sc. student; Mr. Anthony Huynh, PhD student; Ms. Lisa Lazarus, PhD student; Ms. Leigh McClarty, PhD student; Ms. Laura Thompson, PhD student; Mr. Lahiru Wickramasinghe, PhD student

Administration
Ms. Doris Kuzma, Senior Project Manager; Ms. Cecilia Dimalaluan, Financial Assistant; Ms. Helen Sokoloski, Administration Coordinator; Ms. Stella Leung, Programmer/Analyst; Ms. Aruni Tennakoon, Programmer/Analyst; Mr. Henry Dyck, Information Technologist

OFFICE OF COMMUNITY ENGAGEMENT

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

The newly established Office of Community Engagement (February 2018) works closely with the RFHS Social Accountability Committee. The committee consists of RFHS college representatives as well as community members appointed by RFHS Dean, Dr. Brian Postl.

SOCIAL ACCOUNTABILITY COMMITTEE

One of the first tasks of the committee was to undertake a scan of various colleges to see where and how social accountability is incorporated. The overarching goal of the scan is to gather information about existing social accountability initiatives within RFHS education experiences, and to share this information within RFHS, with community partners and the RFHS Social Accountability Committee. The scan is an initial snapshot that will hopefully spark dialogue and information sharing between RFHS colleges/programs and community partners. Results of the scan can be used to: increase understanding of social accountability educational initiatives within RFHS, create opportunities for
inter-college dialogue and collaboration, and explore methods to streamline and strengthen relationships between RFHS and community partners.

Thank you to Chelsea Jalloh, UGME Population Health Coordinator, Jennifer Otisi-Didi, Community Engagement Assistant and Karen Cook, Co-Lead, Office of Community Engagement for their work on this important document.

Accreditation
Ian Whetter and Karen Cook presented at the RFHS Accreditation Boot Camp on November 6. Their presentation focused on service learning in the undergraduate medical curriculum, pipeline programs and social accountability.

A new Office of Community Engagement website is being developed to highlight some of these initiatives, including the service learning component and Social Accountability Committee items.

Service Learning
The first cohort of medical students completed their Year 1 & 2 service learning curricular requirement as of May 2018. As this requirement is still fairly new (implemented with the Class of 2020 in September 2016), the service learning team - consisting of Undergraduate Medical Education (UGME) Longitudinal Course Coordinator, UGME Population Health Coordinator, Co-Leads of Office of Community Engagement, and support staff - implemented changes to service learning based on student and community partner feedback in the areas of scheduling, communication, and general processes. Currently, there are 220 first and second year medical students completing service learning with 36 community organizations. Examples of service learning sites include: organizations addressing food insecurity, access to youth recreation and after-school programming, educational supports and tutoring, and community resource centers.

Karen Cook, Ian Whetter, Chelsea Jalloh and service learning counterparts in eastern universities developed and co-presented a workshop at the Canadian Conference in Medical Education in April 2018. The workshop focused on asset building approaches to developing service learning opportunities for medical students. Karen Cook and Ian Whetter also presented the “Implementation of Service Learning Requirements for Undergraduate Medical Education Students” poster at the same conference.

ALAN KLASS MEMORIAL PROGRAM FOR HEALTH EQUITY
The Tolkien Trust Foundation has supported the development of the Alan Klass Memorial Program for Health Equity to enable 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 in the next few pages provides a more fulsome reporting of these programs.

YEAR-ROUND PROGRAMS

WISH Clinic
Liam Fullerton, Facilitator
Jamie Gillies, Viacheslav Panchenko, Student Co-Chairs

The Alan Klass Program supported the WISH Clinic again this year. 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. The student-run clinic operates Sundays from 1:00 p.m. to 5:00 p.m. and provides an interprofessional learning environment for University of Manitoba students from the RFHS, 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.

WISH Clinical Care provides access to patrons who have difficulty accessing medical care, especially for reasons of time, transportation, childcare or other constraints. Our programs facilitate inclusion despite these issues, offering things like our children’s games, crafts, and often a reading table to allow parents to receive care while their children are taken care of. Client-centered, non-judgmental care, and interprofessional learning for our volunteers are cornerstones of WISH’s mission in Point Douglas.

WISH provides a unique learning experience between both community members and students. Both groups have as much to learn, as they do to teach one another. WISH’s programming relies heavily on the fact that both parties take ownership of aspects during Sunday clinics. Whether that be through suggestions, conversations, help over a meal, or even more formal written feedback. WISH makes sure everyone receives value for coming to a Sunday clinic, whether they are a mentor, student or patron.

In 2018-2019, the WISH team of 297 University of Manitoba students logged 3,730 volunteer hours at the student-run clinic. Students provided health engagement, programming and clinical care to Point Douglas residents while gaining interprofessional experience and hands on learning. This year 4,161 patrons visited the WISH clinic, engaging in activities with student volunteers ranging from accessing nutritious fruits and vegetables, programming days targeted to the needs of the community, clinical care, and harm reduction supplies.

Approximately 714 student clinical experiences were hosted, where learners participated under the guidance of experienced mentors, learning the complexities of providing clinical services to patients such as sexual and reproductive health, wound care, mental health, dentistry, debilitating back pain, and others. WISH provided direct clinical care to 73 patients in a compassionate atmosphere that is culturally-informed. Client-centered care is a mandate that WISH takes very seriously and informs how volunteers approach any situation at clinic. Everyone is on the same level at WISH and that facilitates a learning environment between students of different colleges and backgrounds. As an example, many students have commented that they did not know how far physiotherapy and occupational therapy’s scope of practice reached in, and worked with, general medicine.

All volunteers learn with an interprofessional group of mentors that has grown this year to include more physiotherapists, and for the first time, dentists. WISH has gained the trust of the community to a point now where members will come to a team lead or facilitator to address an issue or express satisfaction at a previous issue being resolved. This is a point of pride for everyone who puts in time at WISH, as it means that there has been success in creating a safe space. The environment at WISH takes into account the social determinants of health when treating or interacting with community members such as sharing refreshments, food items, or playing games.
WISH Events:

- Three community immunization clinics were held at the following sites: Ma Mawi Wi Chi Itata Centre, Mount Carmel Clinic, and the Indigenous Family Centre on Selkirk Avenue. Ninety Seven residents received their immunizations at these clinics.
- WISH adopted a theme-day format for some of its clinics and within the context of health engagement for patrons of the clinic. Some of the themes this year included: influenza & immunization, a dentistry clinic, mifepristone & equal access & reproductive health, marijuana legalization, kidney screening, oral health and pharmacy awareness.
- WISH Clinic August 2018 Family Fun Day and Teddy Bear’s Picnic had 530 attendees.
- WISH Clinic annual Holiday Party with Santa Claus and a gift for each child had 246 attendees.

Client Attendance Totals for 2018-2019
(32 Clinics, Holiday Party, Family Fun Day Picnic)

<table>
<thead>
<tr>
<th>Client Age (years)</th>
<th>Male</th>
<th>Female</th>
<th>Total number of patrons</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-2</td>
<td>23</td>
<td>48</td>
<td>38</td>
</tr>
<tr>
<td>3-12</td>
<td>118</td>
<td>125</td>
<td>243</td>
</tr>
<tr>
<td>13-20</td>
<td>21</td>
<td>43</td>
<td>64</td>
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<tr>
<td>21-30</td>
<td>288</td>
<td>346</td>
<td>634</td>
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<tr>
<td>31-64</td>
<td>1106</td>
<td>827</td>
<td>1933</td>
</tr>
<tr>
<td>65+</td>
<td>226</td>
<td>214</td>
<td>440</td>
</tr>
<tr>
<td>All ages</td>
<td>1782</td>
<td>1603</td>
<td>3385</td>
</tr>
</tbody>
</table>

| Total number of patrons accessing clinical services (73 walk-in + 97 immunizations) | 4161 |
| Total number of patrons (530 at Family Fun Day Picnic, 246 at Holiday Party) | 170  |

WISH Clinic Volunteer Shifts Distribution by Field of Study

<table>
<thead>
<tr>
<th>Field of Study</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dental Hygiene</td>
<td>52</td>
</tr>
<tr>
<td>Agriculture/Nutrition</td>
<td>60</td>
</tr>
<tr>
<td>Medicine</td>
<td>237</td>
</tr>
<tr>
<td>Nursing</td>
<td>47</td>
</tr>
<tr>
<td>Occupational Therapy</td>
<td>36</td>
</tr>
<tr>
<td>Physical Therapy/Respiratory Therapy</td>
<td>34</td>
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<tr>
<td>Pharmacy</td>
<td>116</td>
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<tr>
<td>Science</td>
<td>51</td>
</tr>
<tr>
<td>Health Sciences</td>
<td>81</td>
</tr>
<tr>
<td>Total</td>
<td>714</td>
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</tbody>
</table>

WISH Clinic Mentor Shift Distribution by Profession

<table>
<thead>
<tr>
<th>Profession</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medicine</td>
<td>22</td>
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<tr>
<td>Nursing</td>
<td>11</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>20</td>
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<tr>
<td>Physiotherapy</td>
<td>10</td>
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<tr>
<td>Dentist</td>
<td>1</td>
</tr>
<tr>
<td>Dental Hygiene</td>
<td>1</td>
</tr>
<tr>
<td>Total</td>
<td>65</td>
</tr>
</tbody>
</table>

Biomedical Youth Program (BYP)

Dr. James Gilchrist, Director

The Biomedical Youth Program (BYP) is an enhanced science program for inner-city early students. This year has seen continued growth and development of BYP. This follows another successful year 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 Camp

For our flagship BYP Summer Science Camp, our team organized an outstanding week-long program for 160 eager young minds from July 16 to 20 - our largest group for over six years. This was done through a range of high quality biomedical/health sciences activities contributed by numerous faculty, staff and student volunteers from each of the RFHS colleges. For this year’s camp, we introduced case-based activities built around inter-professional collaborative health care. These were designed by a collaborative team of health professionals and run in the Clinical Learning and Simulation Facility (CLSF). This highly novel approach was made possible by the return of a founding BYP alumnus Ben Salins, PA as well as Dr. Sam Victor, a former medical student and BYP volunteer. This team was joined by Lisa Albensi, RN, MSN, and Instructor from the College of Nursing. For aspiring Health Careers Access Program Grade 12 students visiting from northern communities, this was an especially rewarding and insightful experience. We will be running and continuing to develop these activities for our next summer camp! An article appeared in UM Today and can be found at: http://news.umanitoba.ca/students-fill-teeth-read-x-rays-at-rady-byp-science-camp/.

In addition to the summer camp in Winnipeg, BYP hosted a northern camp at Opaskwayak Cree Nation (OCN) from July 23 to 27. RFHS students facilitated health science activities for 25 youth at Oscar Lathlin Collegiate for participants in Grades 7 to 12. The Office of Community Engagement worked with OCN Summer Youth Program coordinators to recruit and develop activities that would complement other planned summer break activities.

Partnerships and Programs

Another core component to our programming has been the Saturday Science Club (SSC), which we have developed over the past four years in collaboration with the Faculty of Science. The continued evolution of this program (this year in particular) 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. This winter, Vanier Scholar Taylor Morrisseau and fellow PhD student Jasmine Frost ran two half-day sessions to engage Grade 12 Daniel McIntyre Collegiate Institute students in hands-on activities and discussion, which highlighted multidisciplinary research considerations into the expression of type 2 diabetes in young children. We are grateful also to Dr. Christine Doucette for her input and support of this initiative. Through novel approaches and interactive discussion, high school students were engaged in demonstrations of PCR and CRISPR-Cas9 technologies and then given pause to consider societal, ethical, and cultural issues around their utility, deployment, and value. This pilot approach, to draw upon the implication and relevance of science, has been adopted in other sessions we ran during the winter term. This approach will form the basis for future SSC programming, which we are expanding into the fall term to include junior high school students.
Bannatyne Campus was host to the 48th annual WSD Science Fair that included over 300 exhibits from students in Grades 4 to 12. The event drew over 700 participants including judges, participants, families, teachers and volunteers. An excellent article appeared in UM Today and can be found at [http://news.umanitoba.ca/kids-rock-the-science-fair/](http://news.umanitoba.ca/kids-rock-the-science-fair/).

The winners of the University of Manitoba Science Innovator Awards were:

- Elementary - Zoe Kirsher
- Junior - Laurel Smith
- Intermediate - Mayura Manivasan
- Senior - Jacob Harvey

Congratulations to all participants!

**Jacob Penner Park Program**

Students offering safe play opportunities for children in the Bannatyne Campus neighbourhood. This year, due to a reduction in participation from local youth and an increase in conflict at the site, the medical students who support the Jacob Penner Park program have decided to modify their approach to support for youth in the neighbourhood. They will be exploring opportunities to respond to concerns of food security in the neighbourhood.

**CANU REACH After School Program**

Two after-school programs happening simultaneously at the RFHS for approximately 80 Grade 7 to 9 students. Participants explore a possible career in the health sector. Close to 100 RFHS student volunteers participate in developing and facilitating sessions for students. This year included over 40 medical student volunteers.

**Research and Evaluation**

In 2018, the AKMPHE provided 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.

**Truth and Reconciliation**

All students in first-year medicine were given a pocket copy of the Truth and Reconciliation Commission of Canada: 94 Calls to Action to support their learning in the Indigenous Health Longitudinal Course.

**Sunshine House: Managed Alcohol Project**

The Alan Klass Memorial Program for Health Equity provided a monetary award for the 2018 Office of Interprofessional Collaboration’s “Communities and Collaboration Symposium.” The winning project proposal was a collaboration between students Dominic Chung and Helen Teklemariam and Sunshine House, a local drop-in and community resource centre. They proposed to lay the ground work to pilot a managed alcohol program grounded in harm reduction, in which habitual alcohol users are provided safe, potable alcohol in a friendly and supportive environment.

**Student Travel Awards**

The Alan Klass Student Travel Awards supported seven students to travel on national and international study electives in Brazil, India, Ethiopia (2), Oman, and Nunavut (2). Upon their return, they produced a reflective paper related to a health equity concern they encountered. There was also an evening presentation of their travel reflections in October 2018. In addition, nine students travelled to the Philippines with Dr. Raquel Consunji-Araneta in February 2019.

**Alan Klass Memorial Address**

Dr. Ties Boerma, a professor and Tier 1 Canada Research Chair in Population and Global Health, CGPH at the University of Manitoba, delivered the Alan Klass Memorial Address during the White Coat Ceremony in August of 2018.

**COMMUNITY PARTNERSHIPS AND PROGRAMS**

**Basketball for Inner-City Kids (BBICK)**

Basketballs were presented to graduating Grade 6 students from 15 local area schools. BBICK has been operating for over 10 years, starting out with just a few basketballs to nearby youth drop-in centre to now include more than 500 basketballs each year and growing! This initiative recognizes the graduation of students into junior high and provides access to recreational activity over the summer months.

**Summer Weekend Inner-City Supervised Hoops (SWISH)**

The 7th annual drop-in basketball program wrapped up another successful year in August. The program ran for seven weeks in July and August, providing accessible recreation to youth from the Bannatyne community. This year, over 200 youth attended with an average of 30 per day. SWISH is funded primarily through donations and fundraising dollars. The program is a partnership with Basketball Manitoba, City of Winnipeg, Youth Agencies Alliance, RFHS Colleges, and Physical Plant, Parking, and Security Services at Bannatyne.

**Community Events**

The Office of Community Engagement supported the following events in 2018-19:

- Global Health Concentration Program student group
- Nutrition Council of Manitoba
- North End Community Helpers Network, Volunteer Appreciation Dinner
- Rainbow Centre Spring Fling
- IRCOM grocery shuttle program
- Dufferin School - programs for Family Centre
- Pathways to Education summer programs
- UM Pride Week
- Hugh John Macdonald land based education partnership
- Central Winnipeg Community Impact - Freighthouse Hockey Program

**Community Breakfast**

The second annual Community Partner Recognition Breakfast was held on February 26, 2019 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 approximately 45 university faculty, staff and students.
OPPORTUNITIES FOR BANNATYNE STUDENTS

Orientation Week
As part of orientation activities for Rady Faculty of Health Science (RFHS) 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 an 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 21st. Four hundred and eighty RFHS students were grouped into interprofessional cohorts from colleges and programs within the faculty and visited sixteen community organizations or schools. That is, 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.

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 for hands-on, health science activities developed and facilitated by RFHS student volunteers. The year finished with 80 participants and approximately 75 RFHS student volunteers.

The Canu REACH after school program wrapped up on February 15 and a celebration was held for families, youth, and RFHS student volunteers in the Joe Doupe Concourse.

DATA SCIENCE PLATFORM, GEORGE AND FAY YEE CENTRE FOR HEALTHCARE INNOVATION

Dr. 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. These groups within the platform facilitate the development, management, linkage, analysis, and visualization of clinical, administrative, and other data resources for patient-oriented research. The data science platform works in close collaboration with the MCHP and other organizations and departments, including the Public Health Agency of Canada, PopDataBC, and other Strategy for Patient-Oriented Research (SPOR) groups to achieve its three-fold mandate of research, collaboration, and training. The platform’s faculty, staff, and trainees bring expertise in statistics and biostatistics, computer science, information management, bioinformatics, computational biology, public health, and health services research.

Awards
Tier 1 Canada Research Chair, Canadian Institutes of Health Research, 2018 - 2025
Ed Kroeger Mentorship Award, RFHS Graduate Students, 2018

Community Engagement
Program Chair Elect, American Statistical Association, Health Policy Statistics Section, 09/2018 - 08/2020
Program Chair, Statistical Society of Canada Annual Meeting, 07/2018 - 06/2019

Knowledge Translation
Organizer, Workshop on Statistical Learning, Fields Institute for the Mathematical Sciences, Community Engagement: The Fields Institute of Mathematical Sciences hosted a week-long workshop from September 24 to 28, 2018 that brought together academics, trainees, and industry partners to explore current innovations in statistical learning, inference, and Big Data. This workshop included more than 30 national and international statistical experts. Dr. Lix served as a member of the organizing committee, focusing on health policy researchers and their use of Big Data to address policy-relevant topics.

Training/Mentoring Activities
Postdoctoral Fellow, Advisor I. Yadegari, University of Manitoba, August 2017 - August 2018

Graduate Student Supervision: Thesis-Based Programs, Advisor - in progress
• S. Sobhan, CHS, University of Manitoba, PhD (entered September 2018)
• G. Coney, CHS, University of Manitoba, M.Sc. (entered September 2018)
• B. Monchka, CHS, University of Manitoba, M.Sc. (entered September 2018)
• M. Nesca, CHS, University of Manitoba, M.Sc. (entered September 2018)
• S. Monkmann, CHS, University of Manitoba, M.Sc. (entered September 2016)
• A. Feely, CHS, University of Manitoba, M.Sc. (entered September 2016)
• O. Aylara, CHS, University of Manitoba, M.Sc. (entered September 2017)
• N. Hamm, CHS, University of Manitoba, PhD (entered September 2018)

Advisor - completed
• K. Witges, CHS, University of Manitoba, M.Sc. (September 2016 to August 2018)
• S. Al-azazi, CHS, University of Manitoba, M.Sc. (September 2015 to August 2018)

Undergraduate Student Supervision
M. Love, University of Winnipeg, Summer 2018

Medical Student Supervision,
L. Tennenhouse, University of Manitoba

Graduate Student Advisory Committees
• X. Chen, CHS, University of Manitoba, M.Sc. (September 2016 to June 2018)
• S. Good, Department of Biology, University of Winnipeg, M.Sc. (entered March 2017 to September 2018)
• K. Buxton, College of Pharmacy and Nutrition, University of Saskatchewan, M.Sc. (September 2015 to April 2018)

Staff
Dr. Lisa Lix, Professor, CHS and Director, Data Science Platform.
Depeng Jiang, PhD, Associate Professor, CHS, Lead, Biostatistics Group.
Brenden Dufault, M.Sc., Biostatistical Consultant; Rasheda Rabban, PhD, Biostatistical Consultant; Loring Chuchmach, MA, Analyst and Consultant; Robert Balshaw, PhD, Biostatistical Consultant.
Pingzhuo Hu, PhD, Assistant Professor, Department of Biochemistry and Medical Genetics, Bioinformatics and Computational Biology Group.
Lin Yan, PhD, MPH, Senior Data Analyst; Kristine Kroeker, M.Sc., Data Analyst and Consultant; Saeed Al-Azazi, Data Analyst.
Dennis Bayomi, M.Sc., Research Data Administrator; Narmada Retnakaran, Data Coordinating Centre Manager
Josie Diato, Research Administrative Coordinator
Dr. Wattamon Srisakuldee, Special Projects Advisor
Allison Poppel, VADA Program Coordinator

Postdoctoral fellows: Dr. Iraj Yadegari, Dr. Sahar Nazari
PhD Students: Lixia Zhang, Olawale Ayilara, Naomi Hamm, Shamsia Sobhan, Fatma Osman, Md Mohaiminul Islam
M.Sc. Students: Allison Feely, Barret Monchka, Cynthia Kpekpena, Gerard Cones, Kun Liu, Marcello Nesca, Md Abu Hasan, Nikta Feizi, Qian Liu, Rayhan Shikder, Shuo Jia, Stephanie Monkman, Xuejing Jiang, Yixiu Liu, Ye Tian, Yong Won

MANITOBA CENTRE FOR HEALTH POLICY
Dr. Alan Katz, Director

ABOUT MCHP
What makes Manitobans healthy? MCHP is a research unit within the CHS, Max Rady College of Medicine, Rady Faculty of Health Sciences at the University of Manitoba. Our work focuses on the health and the determinants of health of Manitobans. MCHP was set-up in 1990 to manage a population data repository and to use it for research into how factors like health care, health programs, and policies impact health outcomes.

The Manitoba Population Research Data Repository is a comprehensive collection of administrative, registry, survey, and other databases primarily comprised of residents of Manitoba. It was developed to describe and explain patterns of health care and profiles of health and illness, and, more recently, to facilitate inter-sectoral research in areas such as health care, education, and social services. The administrative health database, for example, holds records for virtually all contacts with the provincial health-care system (the Manitoba Health Services Insurance Plan), including physicians, hospitals, personal care homes, home care, and the pharmaceutical prescriptions of all registered individuals.

The repository data are de-identified. Research is subject to a rigorous approval process to ensure compliance with the Personal Health Information Act and other applicable legislation. MCHP provides the infrastructure to support researchers’ access to the data and analytic services. MCHP is staffed by approximately 50 full-time staff—researchers, data managers, data analysts, research coordinators, and support staff. Our researchers benefit from collaboration with peers across Canada, the United States, Europe, and Australia. We also have an advisory board bolstered by high-profile representatives from research, health care, business, and government. MCHP acts as a steward of the data.

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 well-being 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, Nathan Nickle, Leslie Roos, and Noralou Roos 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.

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<thead>
<tr>
<th>Graduate Course</th>
<th>Title</th>
<th>Instructors</th>
</tr>
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<tbody>
<tr>
<td>CHSC7520</td>
<td>Principles of Epidemiology</td>
<td>Nathan Nickel</td>
</tr>
<tr>
<td>CHSC8600</td>
<td>Senior Seminar in Community Health Sciences</td>
<td>Leslie Roos</td>
</tr>
<tr>
<td>CHSC7310</td>
<td>Epidemiology of Health Care</td>
<td>Noralou Roos, Marni Brownell, Randy Fransoo</td>
</tr>
</tbody>
</table>

MCHP researchers are supervising, co-supervising, or on the committees for 17 doctoral and 22 masters’ students.

Student Awards
- Jack Tu Internal Population Data Linkages Network Student Award (Honorable Mention) - Elizabeth Wall-Wieler.
- Lindau Award (1st Place) at the Canadian Student Health Research Forum Poster Competition - Elizabeth Wall-Wieler.
- Canadian Institutes for Health Research National Poster Competition Gold Medal - Elizabeth Wall-Wieler.
- E. L. Drewry Memorial Award for Best Doctoral Research in the Max Rady College of Medicine at the University of Manitoba - Elizabeth Wall-Wieler.
- Children’s Hospital Research Institute of Manitoba Major Research Award - Elizabeth Wall-Wieler.
- Health Sciences Graduate Student Association Manitoba Poster Award - Elizabeth Wall-Wieler.
- CIHR Graduate Studentship Award - Kate St. Cyr.
<table>
<thead>
<tr>
<th>Student</th>
<th>Program</th>
<th>Topic/Title</th>
<th>Advisor/committees</th>
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<tbody>
<tr>
<td>Amanpreet Brar</td>
<td>BMed - University of Toronto</td>
<td>Determine whether son-biased sex ratios among Indian immigrants to Canada change with increasing maternal time since immigration</td>
<td>Marcelo Urquia</td>
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<tr>
<td>Nicole Herpai</td>
<td>M.Sc. - Community Health Sciences</td>
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<td>Alan Katz</td>
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<tr>
<td>Katelin McDermott</td>
<td>M.Sc. - Community Health Sciences</td>
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<td>Alan Katz</td>
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<tr>
<td>Deanna Mackay</td>
<td>M.Sc. - Community Health Sciences</td>
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<td>Alan Katz</td>
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<tr>
<td>Janelle B Ram Lee</td>
<td>M.Sc. - Community Health Sciences</td>
<td>Maternal intimate partner violence and early childhood outcomes</td>
<td>Marni Brownell Nathan Nickel</td>
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<tr>
<td>Shannon Struck</td>
<td>M.Sc. - Community Health Sciences</td>
<td>Maternal participation in the Healthy Baby Community Support Program and developmental vulnerability and child maltreatment outcomes of offspring at age 6 years</td>
<td>Marni Brownell Tracie Afifi</td>
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<tr>
<td>Nicole Barrett</td>
<td>M.Sc. - Community Health Sciences</td>
<td></td>
<td>Marni Brownell (committee)</td>
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<tr>
<td>Megan Campbell</td>
<td>M.Sc. - Community Health Sciences</td>
<td>Patterns of emergency department utilization while waiting for personal care home admission</td>
<td>Malcolm Doupe</td>
</tr>
<tr>
<td>Jennifer Fulcher</td>
<td>M.Sc. - Nursing</td>
<td>Emergency nurses’ experiences of caring for patients with dementia</td>
<td>Malcolm Doupe - internal examiner</td>
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<td>Javiera Pumarino</td>
<td>M.Sc. - University of British Columbia</td>
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<td>Marni Brownell (committee)</td>
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<tr>
<td>Susan Burchill</td>
<td>M.Sc. - Community Health Sciences</td>
<td>The association between music education in high school and academic outcomes among Grade 12 students, and between music education and mental disorders</td>
<td>Marni Brownell Mariette Chartier</td>
</tr>
<tr>
<td>Samantha Salmon</td>
<td>M.Sc. - Community Health Sciences</td>
<td>Typologies of child maltreatment and peer bullying victimization, and their associations with adolescent substance use: a latent class analysis</td>
<td>Mariette Chartier (committee)</td>
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<td>April Gage</td>
<td>M.Sc. - Nursing</td>
<td>Towards flourishing: perspectives of parents and home visitors’</td>
<td>Mariette Chartier</td>
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<td>Michael Paille</td>
<td>M.Sc. - Community Health Sciences</td>
<td>Substance use and mental health using administrative data in CHS</td>
<td>Nathan Nickel</td>
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<td>Natalie Biswanger</td>
<td>M.Sc. - Community Health Sciences</td>
<td>Biostatistics and epidemiology stream in CHS</td>
<td>Nathan Nickel</td>
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<td>Leah Sullivan</td>
<td>M.Sc. - Community Health Sciences</td>
<td>Impact of renal kidney disease on child health</td>
<td>Nathan Nickel (committee)</td>
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<tr>
<td>Carly Lowedkys</td>
<td>M.Sc. - Community Health Sciences</td>
<td>Application of propensity score methods to examine the impacts of cardiac surgery</td>
<td>Nathan Nickel (committee)</td>
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<tr>
<td>Stephanie Monkman</td>
<td>M.Sc. - Community Health Sciences</td>
<td>Estimating the completeness of physician billing claims: an application of three source capture-recapture methods</td>
<td>Nathan Nickel (committee)</td>
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<td>Ried Whitlock</td>
<td>M.Sc. - Community Health Sciences</td>
<td>Comparative effectiveness of oral antihyperglycemic agents in patients with diabetes and chronic kidney disease</td>
<td>Nathan Nickel (committee)</td>
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<tr>
<td>Lyndsey Dahl</td>
<td>M.Sc. - Community Health Sciences</td>
<td>Health and education outcomes of roots of empathy</td>
<td>Nathan Nickel (committee)</td>
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<tr>
<td>Jordan Levy</td>
<td>M.Sc. - Clinical Epidemiology IHPME, University of Toronto</td>
<td>Surgical outcomes for gastric cancer patients in Ontario</td>
<td>Alyson Mahar (committee)</td>
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<td>Allison Wiens</td>
<td>M.Sc. - Community Health Sciences</td>
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<tr>
<td>Alexandrea Anderson</td>
<td>M.Sc. - Community Health Sciences</td>
<td>Cancer outcomes for individuals living with HIV</td>
<td>Alyson Mahar</td>
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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 co-investigators 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 81 peer-reviewed publications this year (17 as first author) and contributed to more than 100 presentations (50 as first author/presenter).

The PAX Program in Manitoba: A Population-Based Analysis of Children’s Outcomes
PAX is a strategy used in classrooms to teach children self-control and to promote good mental health. In the 2011/12 school year, a Manitoba cluster randomized controlled trial pilot was implemented by Healthy Child Manitoba that included almost 200 schools, with close to 5,000 Grade 1 students across the province. This research was led by Dr. Marni Brownell. The first part of this deliverable involved transferring the PAX datasets to the Manitoba Population Research Data Repository where these data were assessed through the standard Data Quality Programs. The metadata (e.g., data model, data dictionary) for the databases were developed and an assessment of the content of fields completed. The

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<th>Student</th>
<th>Program</th>
<th>Topic/Title</th>
<th>Advisor/ committees</th>
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<tbody>
<tr>
<td>Tosin Omole</td>
<td>M.Sc. - Medical Microbiology, University of Manitoba</td>
<td>TBD</td>
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<tr>
<td>Alex Peden</td>
<td>PhD - Community Health Sciences</td>
<td>A comparison of funding models for supportive housing in Manitoba</td>
<td>Alan Katz, Malcolm Doupe</td>
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<td>Matthew Stargardt</td>
<td>PhD - Community Health Sciences</td>
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<td>Alan Katz</td>
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<td>Amanda Adams-Fryatt</td>
<td>PhD - Nursing</td>
<td>Vocalization behaviours and depression among personal care home residents</td>
<td>Malcolm Doupe (committee)</td>
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<td>Amani Hamad</td>
<td>PhD - Pharmacy</td>
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<td>Marni Brownell (committee)</td>
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<td>Tammy Taillieu</td>
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<td>Marni Brownell (committee)</td>
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<td>Alex Villafranca</td>
<td>PhD - Interdisciplinary Studies</td>
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<td>Malcolm Doupe</td>
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<td>Ning Liu</td>
<td>PhD - University of Toronto</td>
<td>Abortion in Ontario</td>
<td>Marcelo Urquia</td>
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<td>Chantal Ramjaj</td>
<td>PhD - University of Toronto</td>
<td>Socioeconomic status and birth outcomes in Canada and its peer nations</td>
<td>Marcelo Urquia</td>
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<td>Ariel Pulver</td>
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<td>Understanding pregnancy outcomes using a within-woman between pregnancies approach</td>
<td>Marcelo Urquia</td>
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<td>Jennifer Ritter</td>
<td>PhD - Interdisciplinary program</td>
<td>Parent information needs for children with attention-deficit hyperactivity disorder</td>
<td>Mariette Chartier (committee)</td>
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<td>Wanda Phillips-Beck</td>
<td>PhD - AHS</td>
<td>Prenatal care among First Nations women</td>
<td>Nathan Nickel and Marni Brownell (committee)</td>
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<tr>
<td>Mahin Delara</td>
<td>PhD - AHS</td>
<td>Maternal medication use and gut microbiota</td>
<td>Nathan Nickel (committee)</td>
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<td>Anita Durksen</td>
<td>PhD - CHS</td>
<td>Resilience in marginalized children</td>
<td>Nathan Nickel</td>
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<td>Marni Brownell</td>
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<tr>
<td>Elizabeth Wall-Weiller</td>
<td>PhD - CHS</td>
<td>Maternal depression and apprehension by child and family services</td>
<td>Les Roos</td>
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<td>Dan Chateau, Nathan Nickel (committee)</td>
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second part of the deliverable involved linking the PAX datasets with other data in the Repository to evaluate the impact of PAX on outcomes at the end of Grade 1, in Grade 3 and up to Grade 4. Our findings suggest that PAX helped children improve positive behaviours in the classroom.

Health and Social Outcomes Associated with High-Risk Alcohol Use

Enjoyed by many Canadians, alcohol has special social and cultural significance in Canadian society. However, over-consumption of alcohol is linked with many, far-reaching harms. Recent data suggest that one in five Canadian drinkers exceed Canada's low-risk drinking guidelines. This study, led by Dr. Nathan Nickel, examined high-risk drinking behaviours and associated outcomes among Manitobans. We used linked data housed in the Manitoba Population Research Data Repository to answer the following questions:

1. How many Manitobans are drinking more alcohol than is recommended by Canada's low-risk drinking guidelines and has this number changed over time?
2. How many Manitobans have been diagnosed with an alcohol use disorder over the past 20 years?
3. What are the patterns in health care utilization, social service use, and interactions with the justice system among individuals with a diagnosed alcohol use disorder?

Our analyses suggest several opportunities where supports can be put in place sooner to help Manitobans who are dealing with harmful consequences of high-risk drinking.

Outpatient Oral Anticancer Agents in Manitoba

Most Manitobans who receive treatment for cancer do so with intravenous therapy at CancerCare Manitoba. However, in recent years, the use of oral anticancer agents has increased. Traditionally, prescriptions for these medications are filled at community pharmacies through the usual system of prescription drug coverage, including a deductible for eligible Pharmacare prescriptions. In 2012, the Home Cancer Drug (HCD) Program launched. This is a program for Manitobans diagnosed with cancer that allows access to eligible outpatient oral cancer and specific supportive care drugs at no cost to the patient (with no deductible).

This research project, led by Dr. Colette Raymond, sought to determine usage of oral medications in Manitoba, changes in patterns of use, and prescription filling over time and the impact of the HCD program on prescription filling patterns. Using prescription drug data for outpatients, we examined prescription utilization trends, costs associated with such therapies, and patterns of health services use.

Mental Illness among Adult Manitobans

Mental illness is prevalent across Manitoba. This study, led by Dr. Mariette Chartier, provides valuable background information on the burden of mental illness in the province and some insight into the longer-term associations between childhood/adolescent mental illness and adverse adult outcomes. Specifically, we examined the diagnostic prevalence of mental illness among adults in Manitoba, as well as the health care use and justice system involvement of adults with mental illness. To address the mental health needs of certain populations who may be at higher risk of mental illness, this report presents the prevalence in specific populations of Manitoba. A cohort of Manitobans born in the province was also developed to examine the relationship between childhood/adolescent mental disorders and adverse adult outcomes.

The findings of this report will be important for planning services and programs to diagnose and treat mental illness. Coordinating services among government departments, including health, social services, education, and justice, will also go a long way towards ensuring better care for Manitobans at risk for and suffering from mental illness. Finally, supporting mental health research is an essential part of understanding what works and what is needed to strengthen mental health services for Manitobans.

Exploring Tuberculosis Treatment, Management, and Prevention in Manitoba's Administrative Health Data

This report, led by Dr. Lisa Lix in collaboration with First Nations partners, linked the Manitoba Tuberculosis (TB) Registry to other administrative health databases to investigate the health, health care use, and outcomes of people with active TB disease. In addition, we examined the health and outcomes of people receiving treatment for a latent (i.e., sleeping) TB infection; these people were identified from Manitoba's prescription drug data. We looked at all active TB cases and treated latent TB cases in Manitoba spanning 15 years (1999-2014). People with active TB had high rates of health service use around the time of diagnosis. Persons with latent TB demonstrated treatment completion rates that may not be high enough to prevent TB from spreading, suggesting a need for better treatments that make it easier for patients to complete their treatment. The data tell us that there is room for improvement in many areas to help identify persons with active and latent TB across Manitoba as early as possible. As well, funding for new technology and research is essential to help with monitoring new TB cases, so that health-care providers can act quickly to curb the spread of TB. Manitoba has the highest rate of TB of all Canadian provinces. With adequate funding and the support of partners in TB monitoring and care, the goal of TB elimination in Manitoba is realistic.

Strategies for Developing a Personal Care Home Report Card in Manitoba

Personal care homes (PCHs) provide care to people who face significant and multiple challenges. Strategies are needed to help care providers continually improve the quality of the medical and social care in PCHs and to help Manitobans identify facilities where they may like to live. The purpose of this study, led by Dr. Malcolm Doupe, was two-fold. First, we identified clinical quality indicators (QIs) that providers and planners feel are most appropriate to use in PCHs. We compared these QIs across facilities in ways that help stakeholders identify residents for whom quality of care is good and also here improvements may be needed. Second, by reviewing existing websites and the academic literature, we developed a list of recommendations for developing a PCH report card website in Manitoba. This website should be designed to help people identify PCHs where they or their loved ones would like to live and to facilitate discussions between residents and providers about the goals of PCH care.

Canadian Network for Observational Drug Effectiveness Studies (CNODES)

CNODES is an assembly of the top pharmaco-epidemiologists across Canada, working collaboratively to study drug safety and effectiveness. CNODES is funded by the Drug Safety and Effectiveness Network (DSEN) which has been established at the Canadian Institutes of Health Research (CIHR) in partnership with Health Canada as part of the federal government’s Food and Consumer Safety Action Plan (FCSAP). Even though prescription drugs undergo safety and effectiveness studies before they are approved, an estimated 10,000 Canadians die each year and 150,000 are hospitalized from adverse drug reactions. CNODES is using existing health-care databases on over 27 million people across Canada and internationally to conduct expedited evaluations of the risks and benefits of certain medications and disseminate this information widely to clinicians, patients, and decision-makers. The program was renewed in 2016 and continues for the next five years. The CNODES Manitoba site leads are Dan Chateau and Patricia Caetano. The Manitoba
site team includes Alan Katz, Colette Raymond, Colleen Metge, Laura Targownik, Salah Mahmoud, Shawn Bugden, Silvia Alessi-Severini, Matt Dahl, Lisa Lix, Elaine Burland, and I Fan Kuo. To date, eight CNODES sub-projects have been completed and nine sub-projects are in progress, with more at the proposal and/or feasibility stage.

**CNODES Projects in Progress**
- Trends in rates of prescription opioid-related deaths across Canada (Manitoba site lead: Patricia Caetano)
- Direct Oral Anticoagulants (DOACs) and Venous Thromboembolism (Manitoba site lead: Salah Mahmoud)
- Comparative effectiveness of pharmacological treatments for Rheumatoid Arthritis (Manitoba site lead: Dan Chateau)
- Use of prescription medications before, during, and after pregnancy in Manitoba (Manitoba site leads: Dan Chateau and Colette Raymond)
- Use of systemic Oral Fluoroquinolones in Canada (Manitoba site leads: Shawn Bugden and Dan Chateau)
- Utilization and adverse outcomes of Ondansetron And Fluconazol therapy during pregnancy (Manitoba site lead: Colette Raymond)
- Direct Oral Anticoagulants in patients with atrial fibrillation (Manitoba site lead: I Fan Kuo)
- Isotretinoin use among women of reproductive age and the risk of pregnancy and adverse pregnancy outcomes including spontaneous abortion and major congenital malformation (Manitoba site lead: Shawn Bugden)
- Safety of Incretin-based therapies with regards to incidence of pancreatitis and/or pancreatic cancer (Manitoba site lead: Laura Targownik)

**Strategy for Patient Oriented Research (SPOR) Canadian Data Platform**
The SPOR CDP is a pan-Canadian initiative involving researchers and policy makers from every province and most territories in Canada. Initially proposed in 2014 and funded in 2018 ($39 million over seven years) by CIHR with matching funds from other jurisdictions, the network will enhance Canada’s capacity to analyze routinely collected government data in cross-jurisdictional research by leveraging strong existing national capacity and new advances in analytic techniques. The model allows data to remain within each jurisdiction while being analyzed as if it were centrally located. All local access requirements and approval processes are respected and data never leave existing provincial or territorial boundaries. This advance opens up vast new opportunities to conduct large national and multi-jurisdictional epidemiological studies in Canada, and allows the opportunity to conduct natural experiments which take advantage of the diversity of policy and program implementation strategies that exist across the country. Related objectives will focus on enhancing and harmonizing the availability of government research data across provinces and territories and streamlining access and approval processes.

Drs. Alan Katz and Lisa Lix will co-lead this initiative in Manitoba which was announced by the Honourable Ginette Petitpas Taylor, Minister of Health, on April 23rd, 2019. The project will be led by Dr. Kimberely McGrail at the University of British Columbia.

**Get Your Benefits (GYB)**
With the support of the Winnipeg Foundation and several government agencies, co-directors Dr. Noralou Roos and Dr. Sharon Macdonald and their team have developed the Get Your Benefits (GYB) booklet to help point Manitobans in the right direction of where to access benefits they may be eligible for. Over 106,000 copies have been distributed, many via the Manitoba Health, Seniors, and Active Living website. For more information, visit Get Your Benefits.

The GYB initiative builds on work undertaken by Dr. Gary Bloch, a family physician in Ontario. The GYB initiative encourages health-care providers to diagnose and treat poverty in their patients by connecting them to benefits, often recommending tax filing as an important step. Low income parents can potentially double their income by filing taxes.

**MANITOBA POPULATION RESEARCH DATA REPOSITORY**
Managing the Population Research Data Repository and providing current, usable data in compliance with privacy and ethics regulations is one of our core business at MCHP. In recent years, we have been successful in receiving grants to support the expansion of our data repository. We brought in four new databases this year:
- Cadham Provincial Labs - Laboratory Information Management System (LIMS)
- The Manitoba First Nations Research File (registry) — this is not documented yet in the metadata repository or in the data descriptions, internally or externally
- Provincial Immunization Registry (Panorama)
- Canadian Urban Environmental (CANUE) data.

Along with our data repository, we maintain a documentation library that stores knowledge about each database. We store data descriptions, data models, data quality analyses, data dictionary content, and links to data related concepts in our MCHP Concept dictionary. A complete overview is available online at [https://umanitoba.ca/faculties/health_sciences/medicine/units/chs/departamental_units/mchp/resources/repository/index.html](https://umanitoba.ca/faculties/health_sciences/medicine/units/chs/departamental_units/mchp/resources/repository/index.html)

**IPDLN 2018 - Summary of Data Management Participation**
Data Management staff actively participated at the International Population Data Linkage Network (IPDLN) Conference in September, 2018 in Banff, AB by presenting a pre-conference workshop titled “Documenting the Data Warehouse: A SAS®-Based Hands-On Workshop” presenting on the MCHP Concept Dictionary at another collaborative session, and delivering presentations on “Data Linkage Methods in Manitoba” and “What Makes Great Data Documentation”. Presentations by all MCHP students, staff, and researchers are listed in the presentations section of this report.

**Providing Access to Data**
The Repository Access Unit manages and tracks the approval processes for all research projects that make use of the repository.

The access unit provides support for researchers to navigate the required project approval processes. Our process-mapping project showed that researchers and students who attended our accreditation session prior to submitting proposals complete their research projects significantly faster.

We have made further time savings for researchers by working with the Health Research Ethics Board who now send automated reminders and updates for researchers—work that MCHP had to do before. This year we had 275 active projects and reviewed the feasibility of 67 new projects.

Remote access sites (RAS) enable data analysts and researchers access to the repository from locations outside of the physical MCHP environment. These sites only provide terminal access to specific applications within MCHP.

**KNOWLEDGE TRANSLATION**
MCHP recognizes the importance of knowledge translation, which is reflected in our work. We want to make sure that our research focuses on addressing problems that Manitoba’s policy planners and service
providers need to 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.

MCHP continued its practice of hosting interactive workshop days with staff of key organizations in Manitoba. These workshops allow detailed discussion of research findings and discussions about their potential implications and application. This year's 'Evidence to Action' was the largest of its kind held by MCHP to date.

A range of social media and publication tools are used to promote the release of its government research reports. This includes making short video clips of researchers talking about their research uploaded to YouTube as well as creating infographics and social media graphics that are shared with the public and media through press conferences, Facebook, and Twitter.

This year MCHP formed its first public engagement group to actively engage the public in our research. We want to provide the public with opportunities to talk to researchers and be able to participate in some way in our future research. The group is made up of 10 to 15 Manitobans that act in an advisory capacity. Working in partnership with MCHP researchers the group ensures that the needs and priorities of the public are considered in research.

LIST OF STAFF
Research Scientists
Alan Katz, Director, Professor, Senior Research Scientist
Marni Brownell, Associate Director, Research; Professor; Senior Research Scientist
Mariette Chartier, Assistant Professor, Research Scientist
Dan Chateau, Assistant Professor, Research Scientist/Statistician
Malcolm Doupe, Associate Professor, Senior Research Scientist
Randy Fransoo, Assistant Professor, Senior Research Scientist
Lisa Lix, Professor, CRC Tier 1; Senior Research Scientist
Alyson Mahar, Assistant Professor, Research Scientist
Nathan C. Nickel, Assistant Professor, Research Scientist
Leslie Roos, Professor, Founding Director, Senior Research Scientist
Noralou Roos, Professor, Founding Director, Senior Research Scientist
Chelsea Ruth, Assistant Professor, Research Scientist
Marcelo Urquia, Associate Professor, CRC Tier 2; Research Scientist

Research Manager
Elaine Burland

Knowledge Broker
Jennifer Pepneck

Postdoctoral fellows
Jenn Enns and Deepa Singal

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

Research Support
Eileen Boriskewich

Research Assistants
Susan Burchill, Nkuru Eze

Document Design
Cara Jonasson

Repository
Charles Burchill, Associate Director, Data Access and Use
Mark Smith, Associate Director, Repository and Deliverables

Data Acquisition
Say Hong; Sathi Saha; Dave Towns, Senior Analyst

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

Data Analyst
Heather Prior, Lead; Alexandria (Lexy) Anderson; Wendy Au; Hui Chen; Matt Dahl, Shelley Derksen; Natalia Dik; Roxana Dragan; Oke Ekuma, Statistical Consultant; Joykrishna Sarkar; Monica Sirski; Angela Tan; Carole Taylor; Randy Walld; Marina Yogendran

Information Technology
Rod McRae, Manager; Darrin Halabuza, Support

Administration
Selena Randall, Associate Director, Planning and Development
Kara Dyck, Executive Assistant/office Manager

Grants Accountant
Sophie Buternowsky, Senior; Ariel Bautista; Jeannie Chen

MANITOBA FOLLOW-UP STUDY (MFUS)
Dr. Robert Tate, Director

AN OVERVIEW OF MFUS
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-three 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 DURING THE PAST 12 MONTHS:
From its beginnings, maintaining regular contact with study members has been an integral part of MFUS. MFUS is now in its seventy-first year of continuous operation. At the time of preparation of this report (June 1, 2019), 3,872 men had a documented date of death. The remaining 111 men would be, on average, 96 years of age, with most (>90%) living in Canada, the others in USA. An important aspect of any cohort study is the maintenance of contact with the participants. We have heard from 81 (73%) of these men over the past 12 months, from another 7 (6%) in the past two years. 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.

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.

HIGHLIGHT OF THE YEAR:
The Manitoba Follow-Up Study - 70th Birthday Party
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 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 in order 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 2,000 men), and about half of those (approximately 1,000 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 and 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.

July 1, 2018 marked the 70th anniversary of the Manitoba Follow-up Study. The surviving 137 men are now well into retirement, and many are very active. Most live in the southern Ontario, and about 25 live on mainland British Columbia. The annual meeting of the Canadian Association on Gerontology was convened in Vancouver, October 18 to 20, 2018. Three University of Manitoba faculty and a graduate student representing MFUS each gave presentations at the conference. A month before the meeting, we sent an invitation to about 60 people in BC. The mailing included the MFUS men and family and friends of members on our list who lived within a reasonable driving distance of downtown Vancouver. The invitation was to a 70th birthday party for MFUS.

Twenty-eight people attended the birthday party, held at the conference hotel from 11:00 to 2:00. Dr. Tate provided an overview of the study, its goals and some findings. The main focus for the day was to thank the men who have made this study possible. Eight MFUS members were in attendance. Each came with some family members. Family and friends of former members also came, as well as five individuals from the University of Manitoba.

The above photo was taken by Dr. Michelle Porter in Vancouver on October 18, 2018 on the occasion of the 70th year celebration of the Manitoba Follow-up Study. Left to right in the front row are MFUS members Harry Baedak (age 95y), Robert Bell (age 89y), Jack Logan (age 97y), Harry Hardy (age 96y). In the back row are MFUS members Dr. Les Chasmar (age 94y) and JCS Jack Miles (age 100y), MFUS Researchers Drs. Audrey Swift and Robert Tate (age unknown), MFUS member Donald Easton (age 95y), Philip St. John, MD with MFUS, and Mr. Jack Malischewski. Mr. Malischewski is the youngest MFUS member guest, only 82y, and was part of a later group of men added to the MFUS cohort at the request of the Department of Transport. All persons in this photo have provided signed consent to permit their picture and name to be acknowledged.
On November 7th, Global News BC interviewed Mr. Miles and Dr. Tate, about the longevity of both him and MFUS. The interview aired on the 6 o'clock news that evening. https://globalnews.ca/video/4642478/100-year-old-b-c-war-vet-helping-men-live-longer-through-research

List of Staff

Robert B. Tate, PhD is full-time Director of MFUS and a Professor in the CHS, Max Rady College of Medicine, Rady Faculty of Health Sciences.

Dr Audrey Swift - research associate (0.3 EFT)

Dennis Bayomi - 0.1 EFT - is a research analyst and oversees MFUS data management.

Elizabeth Sachs - student 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 - Max Rady 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, Worchester, Mass, USA

Vaccine and Drug Evaluation Centre (VDEC)

Dr. Salah Mahmud, Director

The Vaccine and Drug Evaluation Centre (VDEC) continues to be a vibrant research unit of the CHS, 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 five years, (2017-2022, $500,000).

VDEC supports Dr. Mahmud’s research program 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 health care and administrative databases, providing secure and direct access to clinical and administrative databases housed at the MCHP. 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.

KEY ACTIVITIES

Funding Awarded

Salah Mahmud

• Canadian Institutes of Health Research (CIHR), Tier 2, Canada Research Chair (CRC) in Pharmaco-Epidemiology and Vaccine Evaluation, November 2017-October 2022, $500,000

• Merck Canada, The Epidemiology, Patterns of Healthcare Utilization and Direct Medical Costs of Diseases Associated with Human Papillomavirus Infection among Men in Manitoba, Canada: September 2018, $210,925

Lauren Kelly

• Children’s Hospital Research Institute of Manitoba: Evaluating the long-term health effects of neonates exposed to opioids in pregnancy: June 2018-May 2020, $60,900

Krista Wilkinson

• Research Manitoba PhD Studentship, September 2017-August 2019, $37,500

Vanessa Poliquin

• McLaughlin Foundation, July 2017-June 2018, $12,500

• Manitoba Medical Service Foundation, July 2017-June 2018, $12,500

• University of Manitoba, Dean’s Fellowship Fund, July 2017-June 2018, $17,317

Alex Aregbesola

• George and Fay Yee Centre for Healthcare Innovation’s (CHI) Patient and Public Engagement Award, 2018 - 2019, $2000

TRAINING/MENTORING

Postdoctoral fellow

2017/11

Principal Supervisor

Alex Aregbesola (in progress), University of Manitoba

Student degree start date: 2017/11

Thesis/project title: Role of antihypertensive medications in prostate cancer

Present position: Postdoctoral Fellow, University of Manitoba

Doctorate

2018/2

Academic Advisor

Robertus van Aalst (in progress), University of Groningen

Student degree start date: 2018/1

Thesis/project title: TBA

Present position: Field Liaison Sanofi Pasteur
2017/9
Principal Supervisor
George Okoli (in progress),
University of Manitoba
Student degree start date: 2017/9
Thesis/project title: Individual and provider factors associated with differential seasonal influenza vaccine uptake in Manitoba
Present position: Research Associate and Review Manager, CHI, University of Manitoba

2015/9
Academic Advisor
Amani F. Hamad (in progress),
University of Manitoba
Student degree start date: 2015/9
Student Degree Expected Date: 2019/8
Thesis/project title: Prenatal and early childhood antibiotics exposure and risk for neurodevelopmental disorders
Present position: Student, University of Manitoba

2015/9
Principal Supervisor
Krista Wilkinson (in progress),
University of Manitoba
Student degree start date: 2015/9
Student Degree Expected Date: 2018/9
Thesis/project title: Evaluating pertussis vaccine effectiveness in Manitoba using administrative data
Present position: Epidemiologist, Population and Public Health
Winnipeg Regional Health Authority

Master's Thesis
2016/1-2019/3
Principal Supervisor
Vanessa Poliquin (completed), Master's of Epidemiology, London School of Hygiene and Tropical Medicine, London, England
Student degree start date: 2015/1
Student degree end date: 2019/3
Thesis/project title: Individual and provider factors associated with differential uptake of the influenza vaccine among pregnant women in Manitoba, Canada
Present position: Clinician Investigator Program, University of Manitoba/Obstetrician-Gynecologist, Manitoba HIV Program

2014/9
Principal Supervisor
Hatice Guler-Berk (in progress),
University of Manitoba
Student degree start date: 2014/9
Student Degree Expected Date: 2019/8
Thesis/project title: What is the occlusion rate of the power PICCs in the WRHA community IV program?
Present position: Nurse, WRHA; M.Sc. student, U of Manitoba

List of Staff
Dr. Salah Mahmud, Director
Mr. Dallas Legare, Operations Manager
Dr. Christiaan Righolt, Analytics Manager
Dr. Xibiao Ye, Assistant Professor, Epidemiologist
Dr. Songul Bozat-Emre, Assistant Professor, Epidemiologist
Dr. Lauren E Kelly, Researcher
Dr. Dylan MacKay, Researcher
Dr. Jennifer Protudjer, Researcher
Dr. Randall Gieni, Research Associate
Dr. Florentin Racovitan, Intern
Dr. Enas Abdussalam, Volunteer
Ms. Maryam Razzaq, Volunteer

Information Technologist, Computer Programmer/Data Analyst
Mr. Barret Monchka
Mr. Gurpreet Pabla
Mr. Geng Zhang
Mr. Robert Bisewski
Mr. Micheal Sobhy

Current Students/Trainees
Dr. Alex Aregbesola, postdoctoral fellow
Ms. Krista Wilkinson, PhD - in progress
Dr. George Okoli, PhD - in progress
Mr. Robertus van Aalst, PhD - in progress
Ms. Amani F. Hamad, PhD - in progress
Dr. Vanessa Poliquin, master's thesis - completed
Ms. Hatice Guler-Berk, master's thesis - in progress
FULL TIME ACADEMIC STAFF NOT ASSOCIATED WITH A UNIT

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

Key Activities
2018 Recipient of The Royal-Mach-Gaenslen Prize for Mental Health Research from The Royal Institute of Mental Health Research. The annual national prize provides funding to outstanding star researchers in the field of mental health. It recognizes those with a demonstrated track record in research with excellence in scientific rigor, innovative thinking, imagination and originality and a clear ability to work in partnership with other disciplines and/or research teams external to the institution with which they are affiliated ($100,000).


2017 Recipient of a Merit Award in the Research, Scholarly Work, and Creative Activities Category from the University of Manitoba and University of Manitoba Faculty Association ($3000).


Media
Print and Online: CBC (March 11, 2018, Study suggests ‘strong relationship’ between bullying and drug use, could help to shape prevention strategies); 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).

Radio: CBC Radio One Morning Show with Marcy Marcusa (March 6, 2018, Bullying and drug use interview with Sarah Turner); CBC Radio-Canada (March 13, 2018, Bullying and drug use interview in French with Janique Fortier).

Television: CTV National News at 6 pm (September 10, 2018, Georgia school brings back the paddle. Live interview with Merella Fernandez). CTV News at 5 pm (October 18, 2018, Medical Watch, Dr. Tracie Afifi receives the 2018 Royal-Mach-Gaenslen Prize for Mental Health Research).

List of Staff
In PhD Programs: Isabel Garces
In master’s Programs: Katelin McDermott, Samantha Salmon, Shannon Struck
Research Associates: Sarah Turner, Tamara Taillieu, Janique Fortier, Shay-Lee Bolton

MARCIA ANDERSON
Activities
Dr. Anderson is the Executive Director Indigenous Affairs, Ongomiizwin - Indigenous Institute of Health and Healing.

Research and Invited Presentations
Keynote speaker: “The Next 150: Reconciliation and Health” at the Upstream Closing the Gap Conference, Ottawa, ON, April 7, 2018
Keynote speaker: “The Heart Health of Indigenous Women” at the Canadian Women’s Heart Health Summit, Ottawa, ON, April 5, 2018
Honouring Shawane Dagosiwins - Dr. Sherry Peden, Partnership Conference, IHHH and Aboriginal Education Research Forum, Winnipeg, MB, May 14, 2018
CPHA Conference, Montreal, QC, May 29-31, 2018
Occupational Therapy student presentation, University of Manitoba, Winnipeg, MB, June 14, 2018
Presentation, Pediatric Nephrology Academic Rounds, Indigenous Health Equity: Examining Racism as an Indigenous Social Determinant of Health, University of Manitoba, Winnipeg, MB, October 5, 2018
CoRS Grand Rounds: Impact on Racism, University of Manitoba, Winnipeg, MB, October 16, 2018
Canadian Cardiovascular Congress, Toronto, ON, October 2018
Canadian Undergraduate Conference on Healthcare 2018, Queen’s University, Kingston, ON, November 9-10, 2018
Indigenous Scholar Speaker Series, University of Manitoba, Winnipeg, MB, February 12, 2019

Awards
Dr. Anderson was named one of Canada’s most powerful women in 2018 by Women’s Executive Network (WXN) for “bolstering Indigenous medical education and health care delivery in Northern Manitoba”. Launched in 2003, WXN’s annual awards celebrate the incredible accomplishments of 100 Canadian women who have achieved great things for our society.

SHARON BRUCE
Highlights
Dr. Bruce was acting department head from January through December 2018 during Dr. Moses administrative leave. Dr. Bruce taught the graduate seminar course CHSC7390 "Health Promotion" and led tutorial sessions in the undergraduate medical program. Dr. Bruce's primary research activities remain with Sandy Bay Ojibway First Nation and the Canadian HIV Women’s Sexual and Reproductive Health Cohort Study (CHIWOS).

Sandy Bay
Dr. Bruce has worked in partnership with Sandy Bay since 2001 completing epidemiological and health services studies in relation to diabetes. Outputs from the research have contributed to: (1) a new service delivery model for foot care; (2) re-establishment or development of clinical networks related to diabetes complications; (3) reorganization of work teams and structures within the Health Centre; and most recently (4) funding proposals for the construction of a new Health Centre and an expanded Fitness Centre within the community. Foundational research for the development of a diabetes prevention program is complete and the Sandy Bay Diabetes Advisory Group (the governance structure for the study) is finalizing intervention foci. Dr. Bruce visited colleagues at the South Australian Health and Medical Research Institute, Adelaide, Australia in February 2019 and renewed collaborations for diabetes prevention programming.

Two members of the Sandy Bay Diabetes Advisory Group participated in the “Silent Genomes” Gathering Ceremony in Victoria, BC in July
2018. The Silent Genomes project is CIHR-funded and the purpose is to critically examine issues surrounding genetic research among Indigenous people and communities. The study involves Indigenous people from Canada, the United States, Australia and New Zealand who have expertise in the area, and includes Indigenous community representatives from across Canada, Indigenous clinicians and researchers, and ally-researchers and clinicians. Sandy Bay will host a workshop in summer or fall 2019.

CHIWOS (Canadian HIV Women's Sexual and Reproductive Health Cohort Study)
Dr. Bruce is co-principal investigator of the Manitoba site of CHIWOS. The purpose of the national cohort study is to develop women-centered services for women living with HIV. The aim of the Manitoba component is to inform development of health services and policy for Indigenous women living with HIV. Partners in the Manitoba component include Ka Na Kanichihk, Sisters of Fire, Nine Circles, the Manitoba Harm Reduction Network, Ndinawew Youth Resource Centre, Manitoba HIV Program, and University of Manitoba. The Manitoba project is grounded in ceremony and spirituality with leadership from Adina Lakser (study coordinator), Carey Sinclair (knowledge keeper), and Laverne Gervais (Ka Ni Kanichihk). Numerous data dissemination activities took place this year as well as preparation for the final data generation phase.

This year, through ceremony with Elders and the project Knowledge Keeper, the project received the name “Women healing living the good life.” This name highlights the project’s commitment to healing, ceremony, community building, and spirituality, which are all central aspects of Indigenous health. Principles central to achieving the goal of transforming health services for Indigenous women living with HIV include: operating from and applying a decolonizing lens, conducting research that is led by and is meaningful to those most affected by HIV, and proceeding in a way that honours the dignity and spirit of all those involved. Key ceremony and scholarly activities that occurred this year are listed below.

**Graduate Students**
Supervisor
Alison Wiens, M.Sc., Community Health Sciences

**Committee Member**
Charity Maritim, M.Sc., Community Health Sciences
Suzanne Roberston, M.Sc., Community Health Sciences

**Completed**
Elsabé duPlessis, PhD, Community Health Sciences, Defense date: September 10, 2018 (Committee member)

**KEY ACTIVITIES**
Drumming Circle: For CHIWOS participants and Sisters of Fire participants. Winnipeg MB, February 27 - March 27, 2019.

Sweat Lodge Ceremony: Elder Angie Cote. Winnipeg, MB, December 5, 2018. Healing ceremony for project participants and working group members.

Naming Ceremony: Elders Sheldon and Angie Cote. Winnipeg, MB, July 14, 2018. Received the name “Women Healing Living the Good Life” and direction to work on healing and spirituality.

**List of Staff**
Adina Lakser, Research Coordinator, CHIWOS
Carey Sinclair, Knowledge Keeper, CHIWOS

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

He gave undergraduate medical education students 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).

Dr. Chase’s 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:**
Life Story Board: An Innovative Visual Interview Tool in Healthcare.
A summer research project for a medical student will pilot LSB as a counselling tool in three program settings in mental health and addictions: AFM youth residential and men’s adult services and WRHA Crisis Response Centre. This is funded by office of Graduate and Advanced Degree Education in Medicine, Max Rady College of Medicine.

'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: Ndinaeawagag Endaawad (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).

A book project on LSB as a visual elicitation and interview tool by social and health science researchers (in collaboration with Javier Mignone and Kerstin Roger)

He conducted LSB interviews of Eritrean and Chinese immigrant workers in “Building Support for Newcomer Workers in the Food Processing Industry” MFL Occupational Health Centre funded by WCB Manitoba RWIP in 2016.

**S. MICHELLE DRIEDGER**
During the 2018-19 fiscal year, Dr. Driedger advanced her research programs by continuing ongoing projects as well as beginning new ones. In the previous fiscal year, a number of her research projects had drawn to a close, and in the past year final results of those projects continued to be prepared as articles for publication. These included manuscripts on health risk communication during the H1N1 pandemic as well as on navigating clinical and policy uncertainty for cancer screening for PSA testing and mammography.

Dr. Driedger is a co-Principal Investigator for a CIHR-supported project that is examining participatory risk communication among First Nations, Metis, and Inuit youth. Dr. Driedger is leading the Metis case study in partnership with the Manitoba Metis Federation (MMF). For this project, Dr. Driedger and her team are carrying out an evaluation of culture camps for Metis youth that are organized and run by the MMF. These camps have been developed by the MMF to teach Metis youth about Metis history and cultural traditions as a means to strengthen leadership.
and communication skills, self-efficacy, Metis identity, and overall health and well-being. Over the last year, Dr. Driedger and her team took part in two MMF youth culture camps, one in Winnipegosis and one in Boissevain, Manitoba. While carrying out data collection through surveys, discussion groups, and arts-based activities, camp attendees learned about Metis 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 and associated youth culture camps will continue into this next year.

Dr. Driedger is also leading and collaborating on two studies funded by the Canadian Immunization Research Network (CIRN), both of which are dedicated to investigating ways to address vaccine hesitancy by refining communication strategies. The first is almost nearing completion and involves 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 vaccine information sources. Data collection is ongoing and will continue into the next fiscal year.

Finally, Dr. Driedger has several other studies that are just beginning - with ethics approvals now in place for each, she is about to move on to phases of participant recruitment and data collection. She is leading a CIHR-funded study that will be investigating patient-doctor interactions in the context of recently promoted initiatives to decrease unnecessary testing and treatments for common ailments. Another CIHR-supported study is examining perspectives of immigrant and refugee women on the factors supporting improved childhood immunization access, uptake, and messaging. A SSHRC-funded study will be investigating the efficacy of patient engagement and input mechanisms when the Canadian Task Force for Preventive Health Care developed their updated recommendations for mammography screening in 2018.

Aside from these projects for which Dr. Driedger is the Principal or co-Principal Investigator, she also continues to provide collaborative support for a number of other studies for which she is a co-investigator.

**Service on Graduate Student Committees**

**Doctorate**

- 2017 - Present Crockett, Leah, PhD, Community Health Sciences, *Integrated Knowledge Translation in Child Health*, role: committee member
- 2016 - Present Lines, Laurie-Ann, PhD, School of Public Health, University of Alberta, *Health Perceptions of Dene First Nations Youth in a Community Context*, role: committee member

**Masters**

- 2018 - Present Bale-Nick, Megan, MPH, Community Health Sciences, role: supervisor

**Full time Staff**

Ryan Maier (2012 to present)

**KAREN DUNCAN**

**Courses Taught**

FMLY 2400 Family Financial Health, Undergraduate, 25 students, Fall 2018, 3 credit hours.

**Guest Lecture**


**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, and one education doctoral student.

**Student Trainee**

Jamal Tavosi

**Research Activity**

Dr. Duncan's research this year continued to focus primarily on the costs of family care to children and to adults. She 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, she started research on financial well-being with an award from the Canadian Home Economics Foundation to analyze data from Statistics Canada's 2014 Canadian Financial Capability Survey.

Highlights of the year included becoming president-elect of her professional society, the American Council on Consumer Interests (ACCI), being reappointed to the Financial Consumer Agency of Canada Research Committee on Financial Literacy, and being invited to review the Work and Family Researchers Network Conference for the International Journal of Care and Caring. As a result of her new role with ACCI, Dr. Duncan participated in two events organized by Wiley, the publisher of ACCI's scholarly journal, the Journal of Consumer Affairs: the Wiley Executive Seminar in Washington, DC, which focuses on changes in scholarly publishing, and a strategy day with Wiley at their offices in Hoboken, NJ.

**Professional and Community Service**

President-Elect, Board of Directors, American Council on Consumer Interests.

Member, Financial Consumer Agency of Canada Research Committee on Financial Literacy.

Member, Organizing Committee, Vanier Institute of the Family's Families in Canada Conference 2019, University of Manitoba Satellite Conference.

Board of Directors, Community Financial Counselling Services, Winnipeg, and member of the Strategic Planning Committee.

Manitoba Financial Literacy Forum.

Consultant, Middle and Senior Years Human Ecology: Family Studies, Manitoba Education and Training.

**JOAN DURRANT**

**SUMMARY OF ACTIVITIES**

Taught two undergraduate courses:

- Summer 2018: FMLY 4804 Children in Adversity (12 students)
- Winter 2019: FMLY 3806 Children, Violence and Rights (47 students)

Member of two university committees:

- RESOLVE Steering Committee (University Committee reporting to Vice-President Research)
- Community Health Sciences Undergraduate Committee (Departmental Committee reporting to Head)

Served on three students’ committees:

Aboriginal Children's Hurt and Healing Project

Punishment regions of the world.

Founder and Coordinator of the punishment.

to disseminate research and advocate for action to end corporal, a coalition of US organizations formed

Punishment of Children

Member of the Board of Advisors, US Alliance to End the Corporal

evaluation of PDEP in Kosovo.

consulted to SCS' Monitoring and Evaluation department on a systematic

in Canada, Indonesia, Korea, Panama, Rwanda, and Vietnam and

teams. This year, Dr. Durrant coordinated training and program delivery

Positive Discipline in Everyday Parenting, is being implemented in 36

violence prevention project through which her parenting program,

Dr. Durrant collaborates with Mosaic Newcomer Family Resource

Network on an ongoing basis to deliver Positive Discipline in Everyday Parenting (PDEP), a violence prevention program she created, to parents throughout Winnipeg. She also collaborates with them on the training of professionals to become PDEP facilitators.

Member of the Board of Directors of Snowflake Place for Children and Youth (Representing Minister of Family Services). This is a multi-system collaborative centre for child abuse investigations that brings together Police, Child and Family Services, Victim Services and Forensic Interviewers in one location to minimize trauma to children who have disclosed abuse.

Member of the Child Rights Academic Network, a network of Canadian academics working on children's rights issues formed by retired senator Landon Pearson.

Member of the Canadian Network to End Corporal Punishment of Children in Canada, a multidisciplinary network advocating for law reform and public education in Canada. In 2018/19, she consulted to the Ministry of Justice and to Senator Murray Sinclair.

National:

Dr. Durrant co-leads a national knowledge transfer initiative, the Joint Statement on Physical Punishment of Children and Youth, that has been endorsed by 633 professional organizations across Canada.

She co-leads a second knowledge transfer initiative, the Theological Statement in Support of the Truth and Reconciliation Commission's Call to Action #6, that is being disseminated to religious leaders across Canada via a website that provides supportive documentation and resources.

International:

Dr. Durrant collaborates with Save the Children Sweden (SCS) on a global violence prevention project through which her parenting program, Positive Discipline in Everyday Parenting, is being implemented in 36 countries. She leads the program development, training, and evaluation teams. This year, Dr. Durrant coordinated training and program delivery in Canada, Indonesia, Korea, Panama, Rwanda, and Vietnam and consulted to SCS' Monitoring and Evaluation department on a systematic evaluation of PDEP in Kosovo.

Member of the Board of Advisors, US Alliance to End the Corporal Punishment of Children, a coalition of US organizations formed to disseminate research and advocate for action to end corporal punishment.

Founder and Coordinator of the Global Information Network on Physical Punishment, a knowledge sharing listserv with over 200 members in all regions of the world.

EVELYN FORGET

CURRENT ACTIVITIES

Evelyn continues to do a lot of media events related to Basic Income. In March 2019, she was a featured panelist at the Festival du Film et Forum International sur les droits humains in Geneva, where a documentary entitled The Free Lunch Society profiled her research. She was in Scotland assisting with the basic income feasibility studies underway in four towns, and consulting with the Royal Society for the Arts which just recently launched its basic income report. She was in Porto, London, and Finland participating in basic income-related activities. She was also a featured participant in the Dutt Debate at Queen's University and delivered the Jennifer Keck Memorial Lecture at Laurentian University. She was invited to St. Dunstan's Institute for Christianity and Culture in PEI and delivered invited lectures in Toronto, Ottawa, and Halifax on the same topic. Her research was profiled in Japanese, Korean, and German television documentaries on basic income and an American documentary, also based on her research and entitled The Manitoba Story, has been playing across North America.

M.Sc. Theses:


PhD Theses:


MELINDA FOWLER

Dr. Fowler is the Director of Education, Ongomiizwin - Indigenous Institute of Health and Healing.

Teaching:

Facilitator at multiple times throughout the year with: Indigenous Health curriculum-UGME; LGBTQ curriculum/panel-UGME; Population Health-UGME; and Health and Health Services of First Nations, Metis, and Inuit Peoples-CHS.

Invited one-time classes:

Addressing historical and cultural sensitivities in research and practice from Indigenous perspectives. Dr. Fowler invited Elder Margaret Lavallee and Dr. Lisa Monkman to assist with this course, it was completed over Webex as it was a lecture for U of T.

Collaborative Specialization in Resuscitation Science

Working with vulnerable populations and 2SLGBTQ+: Please don't make any assumptions- Southern Family Medicine Residents

Clinical:

Visiting elective student from McGill University.

ShADOWING medical student at Mothering Project Mount Carmel Clinic

Research:

• Aboriginal Children's Hurt and Healing Project
Bariatric Surgery and Type 2 Diabetes
Inuit in the City
Improving the outcomes of Manitobans living with spinal cord injuries, special focus on Indigenous Manitobans with SCI

Presentations:
- PRIDoc: True colors workshop
- Northern Health Research conference: Poster on Inuit in the City project and panel with OE Indigenous students
- Society of Medical Decision Makers conference: Indigenous ways of health decision making across the lifespan
- Discovery Days in HSc: Clearing a path for generations to come; Indigenous teachings & Indigenous health
- Community matters: What is our current system? Colonial structures and health-care challenges

Working groups:
Dr. Fowler recently started working with a College of Physicians and Surgeons working group: suboxone working group to develop a manitoba recommended practice manual for buprenorphine/naloxone, and plans to do the same for methadone in the future.

Administrative:
As Director of Ongomiizwin Education, Ongomiizwin - Institute of Health and Healing, Dr. Fowler hired a new administrative secretary and Elder Helper. They are working on a formal relationship with Red River College to expand our mentorship efforts and our land based/cultural teaching sites. They participated in the Pimose Ta mentorship event. Ta Minogin Mushkiki Minaan: revitalization of the medicine garden with addition of Healer, Kathy Bird, to provide video-recorded teachings along with Elder, Margaret Lavallee, which is funded through the Indigenous Initiatives project.

A member of the Senior Leadership and Executive Council, Ongomiizwin - Institute for Health and Healing

MSEI lead/MSEI committee, worked with Dr. Goulet to secure more funding to have Elders/Knowledge Keepers a part of the three day workshop along with the admissions interviews and hope to secure funding to ensure the interviews continue to be culturally responsive and safe for our Indigenous applicants

Health and Health Services of First Nations, Inuit, and Metis Peoples course facilitator—reading reflection papers and term papers

Mentorship through OE
Traditional medicine course with Kathy Bird and traditional medicine clinic once/month

External Administrative Duties:
- IPAC board, physician director
- Manitoba Opioid Agonist Treatment Community of Practice group
- Methadone/buprenorphine course auditor
- Health-care advisory committee with the Department of Justice: Care of the aging offender
- LIME member
- PRIDoc member

SHIVALINGAPPA HALLI
For the last one year, Dr. Halli has been spending most of his time in India and assisting the University of Manitoba projects implementing partner organizations, IHAT and KHPT. He has been also technical advisor to IHAT and KHPT, and advising the managing trustees of both KHPT and IHAT in better coordination and effective management.

In addition to this, he regularly participated in IHAT and KHPT core committee meetings, advocacy activities, and representing IHAT technical support unit, New Delhi in project management committee meetings, project staff hiring meetings, etc. Dr. Halli has been also spending lot of time with UP TSU team in implementing the University of Manitoba projects namely maternal and child health, family planning, nutrition in Uttar Pradesh state. More specifically, he has been a mentor of family planning project team.

For the last one year, he has been coordinating all the technical meetings of the core committee members of the University of Manitoba India projects. In addition to this, Dr. Halli also participates in the research and publication committee meetings of the UP TSU and has been the lead author in preparing the paper on fertility and family planning in Uttar Pradesh, India: major progress with persistent gaps. In addition, to this along with Dr. Marissa Becker, he is looking after the University of Manitoba New Delhi office.

University of Manitoba has signed an MOU with many Indian institutes, and for many of these Dr. Halli was directly responsible. These Indian institutes seek his support in research capacity building, in developing academic policies, faculty and student exchanges and he spends some time in these activities. He also has been instrumental in encouraging and mentoring students from these Universities to spend three to four months on our campus with different departments of their choice to enhance their research skills with support from Queen Elizabeth Scholarship administered by our department. For instance, last summer a student from Tata Institute of Social Sciences, Mumbai spent her summer months at the University of Manitoba working with Professor Natalie Riediger. Also two students from our University spent their summer months at the University of Agricultural Sciences, Dharwad. Dr. Halli was a mentor of these students while they were in India and made sure that Manitoba students’ logistic arrangements are made at the campus such as accommodation and food. He participates as an invited Board Member of the Kittur Rani Chennamma Residential School for Girls, Kittur. Moreover, based on the encouragement of the Vice President (International), University of Manitoba. Dr. Halli visited Kashmir Agricultural and Technology University, Srinagar, India and facilitated international collaboration.

Member of a Panel on Maternal and Child Health Project in Uttar Pradesh, India and presented introductory remarks on the topic at the Annual Conference of the Indian Association for the Study of Population, Varanasi, India, September, 2018.

ANDREW HATALA
Graduate Level Supervision:
2017 to present - Chinyere Njeze - PhD in Community Health Sciences. Primary supervisor. Project title: Examining the experiences of African, Caribbean, and Black women living with HIV/AIDS in Winnipeg, MB.
2018 to present - Lindsay Allan - master's in Community Health Sciences. Primary supervisor. Project title: Advancing the integration of Indigenous healing and biomedical systems in a Winnipeg clinic.
2018 to present - Sheri McKinnstry - master's in pediatric dentistry. Primary supervisor. Project title: Examining the experiences of

**Teaching**

Graduate Course: Cultural Perspectives of Illness and Health Care Systems (Fall 2018).

University of Manitoba: Undergraduate Medical Education (UMEG) Med 1 - Cultural determinants of Health (Fall 2018).

Community engagement and research activities are ongoing related to my funding.

**CHRISTINE KELLY**

In 2018-2019, Dr. Kelly continued to lead a national study on directly funded (DF) home care for older adults, funded by CIHR. This project involves an environmental scan of all DF home care programs in Canada and an in-depth qualitative case study of the Manitoba Self and Family Managed Care program. Data collection for the study was completed in late 2018 and analysis is underway. The research will make a number of contributions, including distinguishing the role of DF workers from other home care workers, descriptions of programs across Canada, and contributions to ongoing policy debates in this sector (resulting in seven presentations and four journal articles submitted or published this year). Dr. Kelly supervises three research assistants at varied levels. Dr. Kelly prepared a new project proposal for CIHR 2019 spring competition building on the results of this work.

This year also saw the acceptance of an edited collection, co-edited with Drs. Katie Aubrecht and Carla Rice titled The Aging/Disability Nexus. The book was accepted for publication by UBC press and should be released in early 2020. The book brings together scholarship from critical disability and aging studies from interdisciplinary social sciences and humanities fields.

Dr. Kelly is also actively involved as a co-investigator on an Alzheimer Centre of Excellence Research grant (Pl: Michelle Porter). Working with an interdisciplinary team of University of Manitoba researchers, this project explores the impact of renovations on a dementia unit in a long-term care home. The post-renovation data collection is set to begin this spring, and Dr. Kelly has been involved with training the student researchers.

Dr. Kelly continues to work as a co-investigator on a number of other projects, including a SSHRC partnership grant led by Dr. Brenda Elias (CHS) exploring ways to support people living with fetal alcohol spectrum disorder. She is also co-leading a thematic stream on another SSHRC partnership grant titled Bodies in Translation (Pls: Dr. Carla Rice, University of Guelph and Dr. Eliza Chandler, Ryerson), where she is exploring the role of art in Canadian disability movements. Dr. Kelly serves as a “gender champion” on a CIHR team grant that seeks to incorporate sex and gender-based analysis into the field of knowledge translation (Pl: Dr. Sharon Straus, University of Toronto). Dr. Kelly is a co-investigator on a new grant funded by SSHRC (Pl: Dr. Katie Aubrecht, Mount Saint Vincent University). This project will use arts-based methods to explore dementia and mental health literacy among nursing home staff.

Dr. Kelly taught the second-year “Diversities and Families” course again in the fall term and took on the graduate course “Advanced Qualitative Methods in Community Health Sciences” in the winter term. 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 one guest lecture this year. She sits on six graduate student committees and is supervising PhD Student Lisette Dansereau.

In terms of service work, Dr. Kelly served as a Peer Reviewer in the CIHR 2018 spring project grant competition on the public, community and population health committee, where she also served as the sex and gender-based analysis expert. Dr. Kelly was a judge for the Canadian association on gerontology doctoral/postdoctoral student poster competition and was elected as the divisional representative for social sciences on the board of directors. She is chair of the graduate awards committee and was nominated as a member of the senate committee on academic accommodation appeals.

**List of Staff**

Yuns Oh, PhD, Research Associate
Kevin Balkaran, Undergraduate Research Assistant
Zena van de Poel, Graduate Research Assistant
Lisette Dansereau, Graduate Research Assistant

**JOEL KETTNER**

In classrooms and other settings, Dr. Kettner has continued to try to facilitate critical thinking about, and activities towards, health equity by undergraduate, graduate, and postgraduate students, as well as colleagues and the public.

For details, please contact me directly.

**SARA KREINDLER**

**SUMMARY OF ACTIVITIES:**

- Multi-jurisdictional study on patient flow: Qualitative data collection complete, analysis nearing completion. Anticipated output six to eight papers. Quantitative component: Further data were collected, analysis to begin soon.
- Manitoba study on primary care renewal: Complete; three papers published. Ongoing knowledge translation to local decision-makers (presentations, written drafts, meetings) occurred during the project and has wrapped up now.
- Completed theoretical paper on system change (under review) and conceptual paper on integrated knowledge translation (published)

**KEY ACTIVITIES:**

- Supervising two M.Sc. students
- Faculty member (lecturer) for national Fellowship in Health System Improvement; preceptor for CHI Applied Health Services Leadership Program
- Ongoing consults to health-system decision-makers, directly and indirectly, through WRHA research staff

**List of Staff**

Noah Star, Research Coordinator (left position at end of 2018)

**JOSÉE LAVOIE:**

**SUMMARY OF ACTIVITIES**

**Ongomiizwin Research**

Ongomiizwin-Research’s mandate within the Indigenous Institute of Health and Healing includes three 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
Ongomiizwin-Research welcomes researchers who are interested and involved in research aimed at improving the health of First Nations, Metis, Inuit, and Indigenous populations to become members of Ongomiizwin-Research. We also added five researchers to Ongomiizwin Research formal membership list (and the list is growing). All are potential users of Ongomiizwin Research’s navigation services. Our membership list now counts over 60 researchers.

Researchers engaged in First Nations, Metis, Inuit, and Indigenous health research face an array of challenges related to navigating the 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 U of M Finance which may interfere with community-based research (examples of issues we have advocated to address with U of M Finance include tendering community feasts, hospitality restrictions, recognition of Indigenous community researcher’s skills for appropriate classification through U of M Human Resources, etc.)
- For new researchers wanting to assist First Nations, Metis, 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, Metis, 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.

The number of Indigenous health research proposals submitted by U of M 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, Metis, and Inuit health research. Ongomiizwin-Research maintains relationships with a cadre of faculty mentors who are committed to support First Nations, Metis, and Inuit students interested in graduate work and research and in all students interested in collaborative First Nations, Metis, and Inuit health research. This program is funded through the Canadian Institutes for Health Research (2017-2022) and is a partnership between U of M, UW, UCN, and Brandon University. This program funds undergraduate, masters, and PhD level Indigenous students. This program is managed by Ashley Edson.

In 2018, PIKE-Net funded 14 graduate fellowships from the U of M and nine undergraduate students as a part of the summer internship program. We have reached out to approximately 200 students and have done over 10 presentations about the program and Indigenous health research across Manitoba.

Teaching and mentorship
Dr. Josée Lavoie taught on class CHSC 7220 (Health and Health Services of First Nations, Metis, and Inuit Peoples) which had five students and one student auditing the course. This course was co-taught by Elder Shingoose and Dr Melinda Fowler-Woods.

Mentorship program
Key activities, including programs, awards, community engagement, knowledge translation, and training/mentoring activities.CHSC 7220, Health and Health Services of First Nations, Metis, and Inuit Peoples,

Graduate level Course: This course is offered through the CHS. This is a seminar-based course that critically examines First Nations, Metis, 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 five 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 (Metis medical doctor).

List of staff
Dr Josée Lavoie, Director
Leanne Rajotte, Research Programs Lead
Chantal Edwards, Research Programs Coordinator
Ashley Edson, Coordinator, PIKE-Net
Henry Dyck, IT Support

VERENA MENEC

Professor
Interim Graduate Program Director (November - December, 2018)

HIGHLIGHTS
Launched in 2010, the CLSA is a national study funded by CIHR that follows more than 50,000 Canadians, aged 45 to 85 at recruitment, for the next 20 years. It is the most comprehensive study of aging that has ever been undertaken in Canada. The CLSA will identify ways to improve the health of Canadians by better understanding the processes that trigger and influence different trajectories of aging. Dr. Menec is the Manitoba site principal investigator of the study. Manitoba hosts a data collection site at Deer Lodge Centre and is one of four sites in Canada that conducts telephone interviews (located in S112 Medical Services Building). About 4,500 Manitobans are part of CLSA.

KEY ACTIVITIES
Research
Projects worked on in 2018/2019 included, among others:
- Canadian Longitudinal Study on Aging
- Social isolation and its health consequences
- Age-friendly communities
Review Processes
Editorial Board: Journal of Aging and Health, Journal of Aging and Social Policy


Grant reviews:
SSHRC Connection grants review committee (September and December competitions)
U of M Small Research Equipment Fund review committee
Women's Health Research Foundation of Canada Graduate Scholarship review committee

Committees
CIHR, Institute of Aging Scientific Director search committee, 2019
CIHR Institute of Aging Review Panel, 2018
Vice President, Canadian Association on Gerontology, 2016 - 2020

Canadian Longitudinal Study on Aging, Operations Committee, 2009 - present (chair since 2015)
Transportation for Older Adults Network (TONS), Advisory Board, 2010 - present (secretary since 2014)

COMMUNITY ENGAGEMENT ACTIVITIES
- Continued involvement in the Transportation for Older Adults Network (TONS) as a Board Member
- Partnership with senior serving organization on funding application to Employment and Social Development Canada on social isolation
- Partnership with Manitoba Association on Seniors Centres on funding application to Health Agency of Canada-funded project on age-friendly communities

KNOWLEDGE TRANSLATION ACTIVITIES
Media interviews
- University Affairs (interview with journalist, December 6, 2018)
- Good Times magazine (interview with journalist, November 27, 2018)
- Zoomer Magazine (interview with journalist, August 15, 2018)
- CBC radio White Coat Black Art (interview with host, April 18, 2018)
- CBC radio (background interview with producer, April 17, 2018)

TRAINING/MENTORING ACTIVITIES
Thesis supervisor
- Cara Brown (PhD: graduated February 2019, held Research Manitoba scholarship)
- Sheila Novek (PhD: ongoing, holds CIHR doctoral fellowship)
- Daniel Saltell (master’s: graduated May 2018)
- Mohammad Nazmus Sakib (master’s: graduated June 2018)
- Wendy Doig (master’s: ongoing)

Thesis committee member
- Erin Scott (Sociology, master’s: ongoing)
- Ranveer Brar (Community Health Sciences, master’s: ongoing)
- Samantha Blatz (City Planning, master’s: ongoing)
- Megan Campbell (Community Health Sciences, master’s: ongoing)
- Alexie Touchette (Community Health Sciences, master’s: ongoing)

Teaching
- FMLY 3240 Families in Later Years (Fall 2018)

List of staff
Scott Nowicki, Data Analyst

Staff working on Canadian Longitudinal Study on Aging
Joseph Soriano, Coordinator
Interviewers: Catlin Semple, Shawn Mendes, Lydia Gibbs, Mary Mayen, Sarah Lamontagne-Rougeau, Robyn Hoepplner
X-ray techs: Rena Papadimitrioupolous and Jo Vaquilar
Lab techs: Bea Fabo, Kenna Leach, Greg Hiram
Research Assistants: Hunter Logozar, Gustavo Moura, Zena van de Peol, Caroline Rembisz

JAVIER MIGNONE
Teaching
- Taught FMLY 3790 "Introduction to the Evaluation of Programs for Children & Families" (16 students) (June 2018) (Summer Institute)
- Taught FMLY 7500 “Evaluation of Family, Health and Social Development Programs” (21 students) (June 2018) (Summer Institute)
- Taught FMLY 3790 "Introduction to the Evaluation of Programs for Children & Families" (43 students) (January - April 2019)

Graduate supervision
- Advisor of two master’s students and three PhD students
- Committee member of two master’s students and ten PhD students
- External referee of one PhD student

RESEARCH
Remote Control: Implementing Community Based Research in Northern Manitoba
Dr. Mignone is co-principal investigator (in partnership with the 595 Harm Reduction Team) of a CIHR funded ($446,687) three-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 relations to HIV/AIDS care, treatment and support in Northern, rural and remote communities in Manitoba. During 2018, he worked together with the research coordinator and co-investigators to set up community-based research teams from three participant sites: Cree Nation Tribal Health community, Flin Flon, and Selkirk. He was involved in a number of capacity building initiatives and large team workshops.

Abecedarian Study
Dr. Mignone is co-investigator in a two-year SSHRC funded ($233,900) 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. By the end of 2018, they were at the stage of drafting two peer-reviewed manuscripts with study findings, as well as developing innovative dissemination techniques.

The Life Story Board as Data Collection Tool for Social Sciences Research: A Meta-study
Co-principal investigators (together with Robert Chase) conducted a self-funded study with eight research teams that have utilized the LSB for research purposes. Dr. Mignone conducted interviews, gathered documentation, analyzed data, and drafted a manuscript for submission to a peer-reviewed journal. As well, with the findings, we held a workshop for researchers in March of 2018. Furthermore, they wrote the proposal for a handbook on the LSB as research tool to be submitted to a publishing house. We recently published the meta-study in a peer reviewed journal.

Process and Impact Evaluation: Firefly SNAP Program for Kenora
As part of the evaluation team led by Depeng Jiang, Dr. Mignone travelled several times to Kenora to gather data for this evaluation/
A Complex Systems Approach to Educational Change Thompson evaluation project. PI Thomas Falkenberg, Faculty of Education, The University of Manitoba.

HIGHLIGHTS

Program and Policy Evaluation Research Group
We launched the Program and Policy Evaluation Research Group (PROPER) which had received formal approval by the University of Manitoba in early 2018. We started some activities at the end of March 2018 and early 2019. The Research Group's objectives are 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.

KEY ACTIVITIES

- Collaboration with Toribio municipality and Indigenous Nasa Health Program - Cauca, Colombia - to develop "Health Situation Room" to monitor health and social indicators.
- Indigenous Health Organization Anas Wayuu (Maicao, Colombia): maternal child health.
- Indigenous Health Organization Anas Wayuu (Maicao, Colombia): development of evaluation and health information analytical unit within the organization. Project ongoing.
- With agency partners, they organized and held the Summer Institute in Program Evaluation that took place in June 2018.
- During 2018, Dr. Mignone coordinated the CIHR International Infectious Disease and Global Health Training Program's Infectious Minds monthly seminars.

PIERRE PLOURDE

KEY HIGHLIGHTS

- Nominated for Best Teaching in Small Group Setting, Medicine I, MMSA (2017-2018)
- Nominated for Innovation, Med I, MMSA (2017-2018)
- Nominated for Mentorship, Med I, MMSA (2017-2018)
- Nominated for Inspiration, Med II, MMSA (2017-2018)

Reviewer for the following Peer review journals:

- Canada Communicable Disease Report
- Canadian Journal of Public Health
- Canadian Medical Association Journal

Activities
Published three articles in peer review journals
Published five peer review abstracts

Presentations:
Untangling LTBI - How do I manage a patient with LTBI? 60th Annual Scientific Assembly, Manitoba College of Family Physicians, Winnipeg, April 2018

DNA vaccines: the future of travel health vaccines or just a bad idea? 15th Annual Manitoba Travel Health Conference, Winnipeg, April 2018

Itchin', Burnin' & Squirmin': STI Social Marketing Lessons Learned. Canadian Society for Medical Laboratory Science (CSMLS) Dinner and Dialogue, Winnipeg, May 2018

Echinococcus multilocularis: who knew we had a deadly parasite in Winnipeg? Bold Ideas Colloquium Series. Community Health Sciences, University of Manitoba, Winnipeg, October 2018

DNA vaccines: the final frontier? 22nd Annual Bug Day (Health Sciences Centre), Winnipeg, October 2018

HIV Nondisclosure: Human Nature or Criminal Behaviour? Critical Conversations Seminar. Centre for Human Rights Research, Faculty of Law, University of Manitoba, Winnipeg, November 2018

Tuberculosis - Active and Latent. Renal Program Rounds, University of Manitoba, Winnipeg, November 2018

Surveillance of Echinococcus multilocularis in periurban and urban coyotes and domestic dogs of Winnipeg, Manitoba. Medical Microbiology and Infectious Diseases Seminar, University of Manitoba, Winnipeg, December 2018

Syphilis: Then, Now and Into the Future! JC Wilt Infectious Diseases Centre Seminar. Winnipeg, January 2019

Syphilis: diagnostic and management challenges. Selkirk Mental Health Centre, Selkirk, January 2019

Exploring Tuberculosis Treatment, Management, and Prevention in Manitoba's Administrative Health Data. National Collaborating Centre for Aboriginal Health conference on Advancing Tuberculosis Elimination in First Nations Communities, Winnipeg, March 2019

CAROLINE PIOTROWSKI

Activities
Two peer reviewed book chapters.
Five peer reviewed articles in journals.
Seven peer reviewed presentations.

Reviewer

National grants, abstracts and scientific presentations
Invited reviewer for Maternal Newborn Child and Youth Strategic Clinical Network grant competition for Policy Wise Children and Families Funding Agency, Alberta

Invited Panel Reviewer for the Canadian Institutes for Health Research New Investigator in Maternal, Reproductive, Child and Youth Health Competition
**Conference proceedings**
SAVIR conference Cincinnati, Ohio 2019
Annual meeting of the Canadian Psychological Association, Nova Scotia 2019

**Funding**
Co-Investigator on two projects.

**KERSTIN ROGER**

**Service**
Director, Undergraduate Program Studies; Chair, Undergraduate Program Committee
Chair, Option in Aging, January 2019; previously in 2018, member
Affiliate : Centre on Aging, Riverview Health Centre, RESOLVE.

**Teaching**
FMLY 3220 Winter 2019
CHSC 7710 Fall 2018

**Supervision of Students**
Supervisor: Morgan Stirling, master’s, graduated June 2018
Supervisor: Barbara Borges, PhD, completed June 2018
Field Placement Undergraduate: Susana Courtney (120 hours)
Member, PhD Committees: preparing to defend dissertation in full Jane Karpa and Barbara Tallman.

**Reviewer for Peer Reviewed Journals**
International Journal of Qualitative Studies in Health and Well-being
International Journal of Qualitative Methods
Qualitative Health Research
Canadian Journal of Aging
Ageing International

**SHAHIN SHOOSHTARI**

**Knowledge Translation**


**Other Scholarly Work**
Reviewer for the Canadian Journal on Aging, October 2018
Reviewer for the Journal of Intellectual Disability Research, June 2018
Invited External Grant Reviewer, University Medical Research Fund, The Royal’s Institute of Mental Health Research affiliated with the University of Ottawa, ON, January 2019.

Invited Member of Peer Review Committee, Knowledge Translation Research (KTR), Project Grant Competition, Canadian Institutes of Health Research (CIHR), Fall 2018.

**KATHRYN SIBLEY**

**KEY HIGHLIGHTS**
- one research grant received as Principal Investigator (PI)
- three research grants received as Co-Investigator (Co-I)
- four ongoing research grants (three as PI, one as lead Co-I) advanced
- seven published peer-reviewed papers
- one published abstract
- four podium, two invited, and fourteen research poster presentations
- two commissioned workshops and education sessions
- Nominated for CBC Manitoba Future 40 award
- Promoted to Associate Professor

**Scholarship Reviewer**
- Alberta SPOR Graduate Studenthip Program

**Grant Reviewer**
- Project Grant Competition - Fall Competition, CIHR, 2018
- Project Grant Competition - Spring Competition, CIHR, 2018
- Implementation Science Team Competition, Michael Smith Foundation for Health Research, 2018

**Manuscript Reviewer**
- F1000Research
- Health Expectations
- Disability and Rehabilitation

**Editorial Responsibilities**
- Associate Editor - Journal of Orthopedic and Sports Physical Therapy

**Invited Research Presentations**

**Commissioned Professional Workshops and Education Sessions**

**Courses Taught**
- Science and Practice of Knowledge Translation in Health Sciences (CHSC 7250), Community Health Sciences, University of Manitoba.

**Awards**
- Future 40 Nominee, CBC Manitoba

**Committee Service**
Member, Thorklakson Foundation Fund Committee, University of Manitoba, 2018
Lead, Fall Prevention Research Interest Group, Centre on Aging, University of Manitoba, 2017-present.
Member, Scientific Content Committee, International Society for Gait and Posture Research, 2016-present.
Member, Scientific Advisory Board, Centre for Healthcare Innovation, University of Manitoba- Winnipeg Region Health Authority, 2014-present.

**Professional Organizations and Affiliations**
Member, International Society of Posture and Gait Research, 2005-present

**Blog Posts**
Trainee Mentorship and Student Supervision

- Korall, A. Postdoctoral Fellow, George and Fay Yee Centre for Healthcare Innovation, University of Manitoba. (Primary supervisor)
- Crockett L. Doctoral Student, CHS, University of Manitoba. (Primary supervisor)
- Aloraini, S. Doctoral Candidate, Applied Health Sciences, University of Manitoba. (Committee Member)
- Moore, C. Doctoral Student, Rutgers The State University of New Jersey. (Committee Member)
- Ludwig, J. Doctoral Student, Faculty of Kinesiology and Recreation Management, University of Manitoba. (Committee Member)
- Tuchette A. M.Sc. Student, CHS, University of Manitoba. (Primary supervisor)
- Korpesho, N. M.Sc. Student, Faculty of Kinesiology and Recreation Management, University of Manitoba. (Committee Member)
- Lee, M. M.Sc. Student, Faculty of Kinesiology and Recreation Management, University of Manitoba. (Committee Member)
- Cholette, F. Master of Public Health, CHS, University of Manitoba. (Practicum Committee Member)
- Rawal, YR. M.Sc. Student (graduated 2018), Faculty of Kinesiology and Recreation Management, University of Manitoba. (Committee Member)

List of Staff

Masood Khan, Research Coordinator
Kathleen Zawaly, Graduate Student Research Assistant
Dawn Steliga, Undergraduate Student Research Assistant
Parneet Sahbi, Undergraduate Student Research Assistant (2018)
Harrison Grogan, Undergraduate Student Research Assistant
Ann Jansson, Undergraduate Student Research Assistant

AUDREY SWIFT

Dr. Swift is a full-time Instructor I in FHS/CHS and a part-time Contact Leader at the Manitoba Follow-up Study (MFUS).

Teaching
Summer 2018:
HEAL 2600 - Integration of Health Determinants of Individuals, 20 students
Developed an online version of HEAL 2600, 0 students (was never released)

Fall 2018:
HEAL 2600 - Integration of Health Determinants of Individuals, 121 students
HEAL 4600 - Integration of Health Determinants for Canada and the World, 22 students
FMLY 2012 (Distance Ed) - Development, Conflict, and Displacement, 41 students
FMLY 3780 - Introduction to the Development of Programs for Children and Families, 66 students

Winter 2019:
HEAL 4610 - Health Studies Capstone, 2 students
HEAL 4620 - Health Sciences Capstone, 18 students
HEAL 3600 - Integration of Health Determinants for Communities, 40 students

Mentoring
She served on the thesis committee of Ms. Elizabeth Sachs, who successfully defended her master’s thesis on March 20, 2019 in Community Health Sciences. “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

SUMMARY ACTIVITIES

Tamara Taillieu, PhD is a full-time Instructor in the CHS, and has spent much of her time developing and updating the content for several undergraduate classes over the past year. In addition, she successfully completed her PhD degree requirements in the Applied Health Sciences program this past year.

KEY ACTIVITIES

Undergraduate Teaching

<table>
<thead>
<tr>
<th>Course</th>
<th>Term</th>
<th># of Students</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>FMLY 1010: Human Development</td>
<td>Summer 2018</td>
<td>33</td>
<td>3.0</td>
</tr>
<tr>
<td>FMLY 2800: Family Violence</td>
<td>Summer 2018</td>
<td>45</td>
<td>3.0</td>
</tr>
<tr>
<td>FMLY 1010: Human Development</td>
<td>Fall 2018</td>
<td>145</td>
<td>3.0</td>
</tr>
<tr>
<td>FMLY 2800: Family Violence</td>
<td>Fall 2018</td>
<td>85</td>
<td>3.0</td>
</tr>
<tr>
<td>FMLY 3802: Intimate Partner Violence</td>
<td>Fall 2018</td>
<td>42</td>
<td>3.0</td>
</tr>
<tr>
<td>FMLY 1010: Human Development</td>
<td>Winter 2019</td>
<td>222</td>
<td>3.0</td>
</tr>
<tr>
<td>FMLY 2500: Diversity and Families</td>
<td>Winter 2019</td>
<td>103</td>
<td>3.0 (Online)</td>
</tr>
<tr>
<td>FMLY 4802: Family Violence Prevention</td>
<td>Winter 2019</td>
<td>27</td>
<td>3.0</td>
</tr>
</tbody>
</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 2018/2019 academic year including both senior level Family Social Sciences undergraduate (i.e., Svetlana Koos, Leah Coleman, Jullie Nguyen, Kirsty Telford) and master’s level Community Health Science (i.e., Melissa Etkin) students.

Awards and Recognitions
Applied Health Sciences Nominee for the Governor General’s Gold Medal

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 at the University of Regina.

Service
Undergraduate Curriculum Development Planning Committee, CHS, March 2019 - Present

Undergraduate Studies Committee, CHS, April 2017-Present

Poster Competition Judge, Undergraduate Research Poster Competition, University of Manitoba, October 2018

Manuscript Peer Reviewer: Child Abuse & Neglect, Journal of Interpersonal Violence
MAHMOUD TORABI

KEY ACTIVITIES:
Research in terms of publications, collaboration with the faculty members in the CHS and also with other departments in the RFHS.

Service to CHS:
- elected member of the Graduate Program committee, member of the Search Committee for the CRC Tier 2 in Program Science and Global Public Health, and member of Adjudication Committee for MTP Graduate Students Applications
- President of Survey Methods Section of the Statistical Society of Canada (SSC)
- Guest Co-Editor of Survey Methodology Journal
- Member of the Scientific Advisory Committee for the Children’s Hospital Research Institute of Manitoba (CHRIM) operating grants
- 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
- member of Student Presentation Award and Student Travel Grants Committees at the SSC
- organizer of two invited sessions and one workshop at the national conference (SSC in Montreal).

Dr. Torabi has supervised/mentored one post-doc, eight PhD, and four M.Sc. students. He also reviewed eight papers for journals in Medicine and Statistics and reviewed national (NSERC) research grants. He was on five PhD thesis committees as a committee member.

Teaching graduate courses:
- Advanced Statistical Techniques in Spatial Epidemiology (CHSC 7400; new 3 credit course), Fall 2018
- Advanced Biostatistics for Community Health Sciences (CHSC 7830), Winter 2019.

List of Staff:
Katie Galloway, research assistant, Oct 2017 - current

Training/Mentoring Activities
Completed:
Yang Cui, PhD student (2011 - 2018), Community Health Sciences, Consequences and Control of Tobacco use among Some Vulnerable Canadian Populations, internal committee member.

On going:
Leila Amiri, Post-doc (2018 - current), Community Health Sciences, Spatial Modeling of Infectious Diseases, Co-supervisor.
Erfanul Hoque, PhD student (2017 - current), Statistics, Some Contributions to Longitudinal Data Analysis, Co-supervisor.
Reyhane Sefidkar, Visiting PhD Student (2018 - current), Community Health Sciences, Some Contributions to Small Area Estimation, Supervisor.
Justin Dyck, M.Sc. student (2017 - current), Community Health Sciences, Some Contributions to Spatial Statistics, Supervisor.
Ebtihal Ali, PhD student (2015 - current), Community Health Sciences, Economic Evaluation of Breast Milk Banking, internal committee member.
Ebeid Mohammed Aly, PhD student (2014 - current), Economics, Three Essays in Health Economics, external committee member.
Mina Alizadehsadraneshpour, PhD student (2014 - current), Economics, Three Essays in Health Economics, external committee member.
Lin Xue, PhD student (2015 - current), Statistics, Variable Selection in Measurement Error Models, external committee member.
Can J Anaesth

Asmundsun G, Afifi T (eds).


Forget E. Basic Income for Canadians: the key to a healthier, happier, more secure life for all. Toronto, ON: Lorimer and Co, 2018. (Shortlisted for 2019 Donner Prize)


SCHOLARLY PRODUCTIVITY

PUBLISHED BOOKS/BOOK CHAPTERS


ARTICLES IN PEER REVIEWED JOURNALS

Abbasi S, Shoshastari S, Tolfigh S. model of the Hospital Incident Command System (HICS) via quality improvement models in Iran. Journal of Medical and Dental Sciences. 2018;6(2).


Bernstein CN, Burchill C, Targownik LE, Singh H, Roos LL. Events within the first year of life, but not the neonatal period, affect risk for later development of inflammatory bowel diseases. Gastroenterology. 2019; Epub ahead of print.


Finlayson M, Ekuma O, Finlayson G, Jiang D, Marrie RA. 10-Year Trajectories of Health Care Utilization by Manitoba with MS Predict Nursing Home Entry. Neurology: Clinical Practice. (Accepted for publication 2018.)


Randall JR, Saren J, Chateau D, Bolton JM. Predicting future suicide: Clinician opinion versus a standardized assessment tool. Suicide Life Threat Behav. 2018; Epub ahead of print.


**OTHER PEER REVIEWED SCHOLARSHIP**

**Presentations (Including abstracts and posters)**

Achtemichuk M, Leclair L, Fricke M, Lavoie JG. Adult Occupational Therapy (OT) and Physiotherapy (PT) Services in the Kivalliq Region of Nunavut: Mapping the Client Journey. *International Circumpolar Health Conference,* Copenhagen, Denmark, August 12-15, 2018.


Borges B, Roger K, Cap O, Kops B, Paniago MC. Promoting healthy living and well-being for older adults through education, as well as combating ageism. *International federation on Ageing 14th Global Conference on Ageing,* Toronto, ON, August 2018.


Brownell M. Life after PATHS. Need to Know Team Annual Meeting, Winnipeg, MB, June 4, 2018.


Driedger SM. Shifting Vaccine Hesitant Attitudes—What Works? [Invited panel member]. Canadian Immunization Conference, Ottawa, ON, December 4-6, 2018.


Jiang D. Statistical methods for longitudinal outcomes with both non-negorable missing and missing by design. 2018 ICSA China Conference with Focus on Lifetime Data Science, Qingdao, China, July 2-5, 2018.


Canadian Institute for Military and Veteran Health Research (CIMVHR), Regina, SK, October 15-17, 2018.


Menec V. The Canadian Longitudinal Study on Aging: A platform study to support policy decisions and initiatives. International Federation on Aging Conference, Toronto, ON, August 10, 2018.


Roos NP. Pushing Research to the Media: EvidenceNetwork.ca. Guest Lecturer, College of Pharmacy, University of Manitoba, Winnipeg, MB, October 29, 2018.


Sachs E, Tate R, St John P and Swift A. Self-rated frailty, resilience, and mortality of old men: The Manitoba Follow-up Study. 47th Annual Scientific & Educational Meeting of the Canadian Association on Gerontology, Vancouver, BC, October 18-20, 2018.


Sibley KM, Touchette A, Dubberley, Singer J, Habling J, Soung S, Oates AR. Understanding current balance and fall prevention program design in community-based exercise programs for older adults in Winnipeg, Canada. 4th Canadian Fall Prevention Conference, St. John's, NL, June 12, 2018.


Swift A, Lengyl C and Tate R. Relocation to a retirement residence and older men’s feelings of low control: Can affiliation with powerful others compensate? The Manitoba Follow-up Study. 47th Annual Scientific and Educational Meeting of the Canadian Association on Gerontology, Vancouver, BC, October 18-20, 2018.


Torabi M. A unified approach to second-order unbiased mean squared error estimation of small area predictors. Workshop on Statistical Inference for Complex Surveys, Montreal, QC, June 1, 2018.

Torabi M. Mean squared prediction error estimation of small area predictors. The 2018 International Workshop on Survey Statistics and Big Data, Nanchang, China, June 20, 2018.

Torabi M. Measures of uncertainty in small area estimation. The 8th International Workshop on Innovative Statistical Methods, Daejeon, South Korea, May 15, 2018.

Torabi M. Recent advances in generalized linear mixed models. The 14th Iranian Statistics Conference, Shahrood, Iran, August 26, 2018.


Turner S, Taillieu T, Afifi TO, Carleton RN. Exposure to mental health training and mental health resilience, knowledge and stigma among Canadian public safety personnel. Institute of Military and Veteran Health Research (CIMVHR) Conference, Regina, SK, October 15-17, 2018.


NON-PEER REVIEWED SCHOLARSHIP

Published Books/Book Chapters


Articles


Righolt CH, Mahmoud SM. Prevalence and predictors of inappropriate empiric antimicrobial therapy for complicated infections in urban hospitals in Manitoba, Canada. Society for Epidemiologic Research 52nd Annual Meeting, United States, 2019.


Wilkinson K, Righolt CH, Mahmoud SM. 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, Slovenia, 2019.
Reports

Other Presentations
Abdul Salam A, Herron RV, Allan J, Roger K, Waddell C. Working with male international students to support their mental health needs. American Men’s Studies Association, Brandon University, Brandon, MB, June 12-14, 2019.
Afifi TO. Effecting change through research: Designing your studies to influence policy and practice. Invited speaker at The Royal Institute of Mental Health Research and the Mach-Gaensslen Foundation, Ottawa ON, October 24, 2018.
Afifi TO. The well-being and experiences study data collection and linkage in Manitoba. Invited speaker at the Public Health Agency of Canada (PHAC) Canadian Reported Child Maltreatment Surveillance System (CRCMSS) planning meeting, Ottawa, ON, March 6, 2018.
Bruce S. Developing a Wellness Program at Sandy Bay Ojibway First Nation, Manitoba, Canada. Wardliparingaa Aboriginal Research Unit, South Australian Health and Medical Research Institute, Adelaide, Australia, February 18, 2019.
Bruce S. Health Promotion in the Context of Reconciliation. CHSC 7390 Health Promotion Class, University of Manitoba, Winnipeg, MB, November 8, 2018.
Bruce S. Mâmawi wâhkô tôwin: An Arts-Based Approach to Understanding Wellness and Living with HIV among Indigenous Women in Winnipeg, Canada. Medical Microbiology Seminar Series, Max Rady College of Medicine, Rady Faculty of Health Sciences, University of Manitoba, Winnipeg, MB, May 9, 2018.
Bruce S. Mâmawi wâhkô tôwin, Creating Safer Spaces for Sharing: An arts-based alternative to the focus group. OT 6350 Research Methods Course, University of Manitoba, Winnipeg, MB, February 22, 2019.
Chevrier C. Research and Activism with “Marginalized Populations”. Invited guest speaker in Family Therapy Research Methods at University of Winnipeg, Winnipeg, MB, January 2019.
Chevrier C. Feminist Responses to Violence Against Sex Workers. Invited guest speaker for WOMN 3560 Feminist Perspectives on Violence Against Women in the Women and Gender Studies Department of University of Manitoba; Winnipeg, MB, May 2018.
Chevrier C. Sex Work in Winnipeg Invited guest speaker for WOMN 3100: Sex Work in Contemporary Canadian Culture in the Women and Gender Studies department of University of Manitoba; Winnipeg, MB, May 2018.
Durrant JE. Positive Discipline in Everyday Parenting. National webinar for service providers. Hosted by the University of Ottawa, Ottawa, ON, January 2018.


Durrant JE. What is Positive Discipline? National webinar for parents and service providers. Hosted by Parenting Beyond Punishment, USA, April 2018.


Durrant JE, Khalil S. Positive Discipline in Everyday Parenting. 4-day training hosted by Save the Children, Hanoi, Vietnam, July 2018.


Kreindler SA. How not to improve patient flow. Invited presentation at Grand Rounds, Department of Emergency Medicine at Stony Brook University, Stony Brook, NY, February 7, 2019.


Kreindler SA. Overcoming the barriers to system change. Invited presentation at the Advancing Primary Care Conference, Edmonton, AB, November 30, 2018.


Mignone J. Diseño, implementación y evaluación de proyectos y programas en ciencias sociales y en ciencias de la salud que sigan un enfoque intercultural. Centro de Lecturas, Escrituras y Oralidades. Facultad de Educación, Universidad de Antioquia, Colombia, November 6, 2018.


Mignone J. The experience with open access publication. Librarian seminar, University of Manitoba, Winnipeg, MB, October 24, 2018.

Plourde P. DNA vaccines: the final frontier? 22nd Annual Bug Day (Health Sciences Centre), Winnipeg, MB, October 2018.


Plourde P. Echinococcus multilocularis: who knew we had a deadly parasite in Winnipeg? Bold Ideas Colloquium Series, CHS, University of Manitoba, Winnipeg, MB, October 2018.


Plourde P. Surveillance of Echinococcus multilocularis in periurban and urban coyotes and domestic dogs of Winnipeg, Manitoba. Department of Medical Microbiology and Infectious Diseases Seminar, University of Manitoba, Winnipeg, MB, December 2018.


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


Righolt CH. Statin, metformin, and CLL incidence and progression. CLL Cluster Retreat, Canada, 2018.


## CHS COLLOQUIUM - BOLD IDEAS SERIES

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Noon - 1:00 pm</th>
<th>Presentation Title</th>
<th>Speaker</th>
<th>Affiliation</th>
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<tbody>
<tr>
<td>September 28, 2018</td>
<td>Frederic Gaspard</td>
<td>Health Equity and Homelessness-</td>
<td>Health Equity and Homelessness-Faculty of Health Sciences Event</td>
<td>Dr. Jeffrey Turnbull</td>
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<tr>
<td>Theatre, Rady</td>
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<td>Faculty of Health Sciences Event</td>
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<td>October 5, 2018</td>
<td>BMSB Theatre C</td>
<td>Celebrating Bold Idea Students</td>
<td>Celebraing Bold Idea Students</td>
<td>Cara Brown, Claudia Chevrier</td>
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<td>Sanjida Newz</td>
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<td>October 12, 2018</td>
<td>BMSB Theatre C</td>
<td>Echinococcus Multilocularis - Who Knew</td>
<td>Echinococcus Multilocularis - Who Knew We Had A Deadly Parasite In Winnipeg?</td>
<td>Dr. Pierre Plourde</td>
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<td>We Had A Deadly Parasite In Winnipeg?</td>
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<td>Carmen Tse</td>
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<td>October 19, 2018</td>
<td>Chown A106</td>
<td>Translating to the Community: A Social</td>
<td>Translating to the Community: A Social Epigenetic Study of FASD</td>
<td>Dr. Brenda Elias</td>
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<td>Epigenetic Study of FASD</td>
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<td>October 26, 2018</td>
<td>BMSB Theatre C</td>
<td>“The Benefits of Online Patient</td>
<td>“The Benefits of Online Patient Communities” according to a Hemophilia Mother</td>
<td>Milena Pirnat</td>
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<td>Communities” according to a Hemophilia</td>
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<td>November 2, 2018</td>
<td>Chown A106</td>
<td>Safety Suggestions</td>
<td>Safety Suggestions</td>
<td>Daniel Saltel, former CHS</td>
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<td>November 9, 2018</td>
<td>Chown A207A&amp;B</td>
<td>“We Don’t Belong There”: New</td>
<td>“We Don’t Belong There”: New Geographies of Homelessness, Addiction, and Social</td>
<td>Dr. Danya Fast, UBC</td>
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<td>Geographies of Homelessness, Addiction,</td>
<td>Control in Vancouver’s Inner City</td>
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<td>and Social Control in Vancouver’s</td>
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<td>Sponsored by Dr. Rob Lorway</td>
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<td>November 23, 2018</td>
<td>Chown A207A&amp;B</td>
<td>What’s Different about Working under</td>
<td>What’s Different about Working under Self and Family Managed Care in Manitoba?</td>
<td>Dr. Christine Kelly, CHS</td>
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<td>November 30, 2018</td>
<td>BMSB Theatre C</td>
<td>Toward a Unified Field Theory of HIV</td>
<td>Toward a Unified Field Theory of HIV Transmission</td>
<td>Lyle Mckinnon, CHS</td>
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<td>December 7, 2018</td>
<td>Chown A207A&amp;B</td>
<td>Lupus Outcomes in Vulnerable Populations</td>
<td>Lupus Outcomes in Vulnerable Populations</td>
<td>Dr. Christine Peschken, CHS</td>
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<td>and Internal Medicine</td>
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<td>January 11, 2019</td>
<td>Pathology Theatre E</td>
<td>Think Globally, Act Locally! A Cancer</td>
<td>Think Globally, Act Locally! A Cancer Control Partnership</td>
<td>Dr. Donna Turner, CHS</td>
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<td>Control Partnership</td>
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<td>February 8, 2019</td>
<td>Pathology Theatre E</td>
<td>TBA Disruptive Innovation, Dried Blood</td>
<td>TBA Disruptive Innovation, Dried Blood Spots and Diagnostic Testing</td>
<td>Dr. John Kim, CHS and PHAC</td>
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<td>Spots and Diagnostic Testing</td>
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<td>March 1, 2019</td>
<td>Chown A106</td>
<td>The FANS Study: Food and Nutrition</td>
<td>The FANS Study: Food and Nutrition Security for Manitoba Youth</td>
<td>Dr. Joyce Slater, CHS and</td>
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<td>Security for Manitoba Youth</td>
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<td>March 8, 2019</td>
<td>BMSB Theatre B</td>
<td>Adverse Childhood Experiences (ACES):</td>
<td>Adverse Childhood Experiences (ACES): Current State of Knowledge and Current</td>
<td>Dr. Tracie Affi, CHS</td>
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<td>Current State of Knowledge and Current</td>
<td>Controversies in the Field</td>
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<td>March 15, 2019</td>
<td>Pathology Theatre E</td>
<td>Eliminating Cervical Cancer: A Call to</td>
<td>Eliminating Cervical Cancer: A Call to Action</td>
<td>Dr. Kathleen Decker, CHS</td>
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<td>Action</td>
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<td>March 22, 2019</td>
<td>BMSB Theatre B</td>
<td>Advancing Knowledge About Spatial</td>
<td>Advancing Knowledge About Spatial Modeling, Infectious Diseases, Environment and</td>
<td>Dr. Mahmoud Torabi, CHS</td>
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<td>Modeling, Infectious Diseases,</td>
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<td>March 29, 2019</td>
<td>Pathology Theatre E</td>
<td>An Update On Early Childhood Caries and</td>
<td>An Update On Early Childhood Caries and Its Prevention</td>
<td>Dr. Robert Schroth</td>
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<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>S Robinovitch</td>
<td>KM Sibley, et al.</td>
<td>Mar-2019</td>
<td>Feb-2022</td>
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<tr>
<td>Alberta Health</td>
<td>SPOR matching funds</td>
<td>M Doupe</td>
<td></td>
<td>1-Oct-18</td>
<td>31-Dec-20</td>
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<tr>
<td>Alzheimer Centre of Excellence, Riverview Health Centre</td>
<td>The impact of renovations in long term care living spaces on residents with dementia, their families, and the staff that care for them</td>
<td>M Porter</td>
<td>L Funk, K Roger, L Guse, et al.</td>
<td>2016</td>
<td>2019</td>
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<tr>
<td>Athabasca University</td>
<td>Improving pain assessment in nursing home residents with dementia (PAIN)</td>
<td>M Doupe</td>
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<td>14-Dec-18</td>
<td>31-Mar-21</td>
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<td>Bill &amp; Melinda Gates Foundation</td>
<td>Designing a community-based programmatic research framework to evaluate HIV self-testing among MSM in Kenya</td>
<td>J Blanchard</td>
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<td>22-May-18</td>
<td>31-Dec-18</td>
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<tr>
<td>Bill &amp; Melinda Gates Foundation</td>
<td>Generating evidence on HIVST within MSM communities</td>
<td>J Blanchard</td>
<td></td>
<td>19-Nov-18</td>
<td>31-Oct-20</td>
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<td>Canada Research Chairs Program</td>
<td>Canada Research Chair (Tier 1) in Methods for Electronic Health Data Quality</td>
<td>L Lix</td>
<td></td>
<td>Apr-18</td>
<td>Mar-25</td>
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<td>Canadian Home Economics Foundation</td>
<td>Financial Decision-Making: The Influence of Financial Knowledge, Stress and Help Seeking Activities</td>
<td>K Duncan</td>
<td>J Tavoni</td>
<td>1-Nov-18</td>
<td>31-Oct-19</td>
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<tr>
<td>Canadian Institute for Public Safety Research and Treatment (CIPSRT) through the University of Regina funds</td>
<td>Child abuse histories, relationships and family of Public Serve Personnel (PSP) in Canada</td>
<td>N Carlson</td>
<td>TO Afifi</td>
<td>2019</td>
<td>2020</td>
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<tr>
<td>Canadian Institute for Public Safety Research and Treatment (CIPSRT) through the University of Regina funds</td>
<td>Prevalence and longitudinal risk factors of Alcohol Related interactions with police: Analysis of the 2018 Canadian Forces Veterans Military and Veterans Follow-up Survey</td>
<td>N Carlson</td>
<td>TO Afifi</td>
<td>2019</td>
<td>2020</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>
<td>T Boerma</td>
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<td>1-Nov-18</td>
<td>31-Dec-20</td>
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<tr>
<td>Canadian Statistical Sciences Institute (CANSSI)</td>
<td>Data Science Bootcamp</td>
<td>S Khan</td>
<td>L Lix</td>
<td>Mar-19</td>
<td>Feb-20</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>M Torabi</td>
<td>C Dean, R Deardon, RJ Rosychuk, et al.</td>
<td>1-Apr-18</td>
<td>31-Mar-21</td>
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<tr>
<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>C Kim</td>
<td>L Lix</td>
<td>Jul-18</td>
<td>Jun-20</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>M Torabi</td>
<td>S Israels, H Singh, B Elias</td>
<td>1-Jun-18</td>
<td>31-May-20</td>
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<tr>
<td>CIHRIM</td>
<td>Leveraging Linked Administrative Data to Advance Fetal Alcohol Spectrum Disorder (FASD) Research and Inform Evidence Based Policy in Manitoba and Beyond.</td>
<td>M Brownell</td>
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<td>1-Jun-18</td>
<td>31-May-20</td>
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<td>CIHR</td>
<td>A Data Infrastructure for Monitoring the Impact of Cannabis Legalization: Data Collection and Linkage Strategies to Inform Health and Social Policy</td>
<td>N Nickel</td>
<td>MD Brownell, A Katz, M Shanahan, TO Afifi, et al.</td>
<td>1-Mar-18</td>
<td>28-Feb-19</td>
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<td>CIHR</td>
<td>Changing the patient-primary care provider dialogue: Fostering trust through joint clinical decision making</td>
<td>M Driedger</td>
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<td>1-Apr-18</td>
<td>30-Sep-21</td>
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<tr>
<td>CIHR</td>
<td>Health, well-being, and disease—birth to adulthood in Manitoba</td>
<td>L Roos</td>
<td>E Forget</td>
<td>2019</td>
<td>2022</td>
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<td>CIHR</td>
<td>Improving responsiveness across the continuum of kidney health care in rural and remote Manitoba First Nation communities (I-KHealth)</td>
<td>J Lavoie</td>
<td>N Nickel, et al.</td>
<td>1-Apr-18</td>
<td>31-Mar-23</td>
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<td>CIHR</td>
<td>Integrating clinical data systems to improve the capacity, performance, and value of Manitoba's health-care system</td>
<td>R Zarychanski, M Pitz, A Katz, et al.</td>
<td>L Lix</td>
<td>Mar-18</td>
<td>Mar-19</td>
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<td>CIHR</td>
<td>Post-Traumatic Stress Injuries among Public Safety Personnel</td>
<td>RN Carlton</td>
<td>TO Afifi, R Ricciardelli, H Cramm, et al.</td>
<td>2019</td>
<td>2020</td>
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<td>CIHR</td>
<td>Sexual Health Empowerment (SHE) Project: Merging community and science research</td>
<td>J Lavoie</td>
<td>V Russell</td>
<td>1-Mar-18</td>
<td>31-Mar-21</td>
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<td>CIHR</td>
<td>Pathways to Resilience and Health Equity: participatory action research with Indigenous youth in four urban Canadian contexts.</td>
<td>A Hatala</td>
<td>A Bombay, J McGavock, N Muhajarine, et al.</td>
<td>May-18</td>
<td>May-22</td>
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<td>CIHR SPOR</td>
<td>Evaluating long-term care continuums in Alberta and Manitoba: A comparative analysis</td>
<td>M Doupe</td>
<td>1-May-18</td>
<td>30-Apr-20</td>
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<td>CIMVHR/DND</td>
<td>An analytic and predictive risk model to assess dental readiness in the military population</td>
<td>A Mahar</td>
<td>29-Mar-18</td>
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<td>CMHC</td>
<td>Exploratory research on the socio-economic</td>
<td>M Smith</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>
<td>J Mignone</td>
<td>Nov-18</td>
<td>Mar-21</td>
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<td>College of Medicine Bridge Award, University of Saskatchewan</td>
<td>Building Bridges: Promoting Respectful Environments in Seniors’ Social Housing</td>
<td>D Goodridge</td>
<td>J Briere, K Roger, K Kowalski, et al.</td>
<td>2018</td>
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<td>Crohn's and Colitis 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>C Bernstein</td>
<td>L Lix</td>
<td>Jul-18</td>
<td>Jun-21</td>
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<td>Deer Lodge Centre Foundation</td>
<td>Advancing Balance Measurement and Treatment in Geriatric Rehabilitation</td>
<td>KM Sibley</td>
<td>C Windle, M Beuschamp</td>
<td>Nov-2018</td>
<td>Oct-2019</td>
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<td>FNIHB Health Canada</td>
<td>PAX Matching</td>
<td>M Charier</td>
<td>1-Apr-18</td>
<td>31-Mar-19</td>
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<td>George and Fay Yee Centre for Healthcare Innovation (CHI)</td>
<td>Reshaping type 2 diabetes care in Manitoba: Considering remission as a option</td>
<td>S Mahmud</td>
<td>28-Feb-19</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>S Moses</td>
<td>M Becker</td>
<td>4-Oct-18</td>
<td>4-Oct-19</td>
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<tr>
<td>Health Sciences Centre Foundation</td>
<td>The association between adverse life experiences and clinical outcomes in SLE</td>
<td>A Tisseverasinghe</td>
<td>C Peschken, C Hitchon, R El-Gabalawy, TO Afdin</td>
<td>2018</td>
<td>2020</td>
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<tr>
<td>IHSPR award</td>
<td>Rising Star Award</td>
<td>D Singal</td>
<td>10-Apr-18</td>
<td>9-Apr-19</td>
<td>$2,500.00</td>
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<td>Life Sciences Assoc of Manitoba Inc</td>
<td>The epidemiology, outcomes and social and economic burden of mood disorders in Manitoba: A data-linkage retrospective cohort study</td>
<td>S Mahmud</td>
<td>15-Feb-18</td>
<td>28-Jun-19</td>
<td>$50,000.00</td>
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<td>Memorial University of Newfoundland</td>
<td>Synth &amp; Context (IKT)</td>
<td>M Doupe</td>
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<td>11-Jul-18</td>
<td>31-Mar-19</td>
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<td>MITACS</td>
<td>Developmental health of children participating in out-of-school programs</td>
<td>M Brownell</td>
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<td>1-Jul-18</td>
<td>28-Apr-19</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>
<td></td>
<td>11-Jul-18</td>
<td>10-Sep-19</td>
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<td>Mitacs Globalink Research Award</td>
<td>Exploring factors affecting mothers’ food choices at start of complementary feeding in children 6-8 months</td>
<td>D Sankaran</td>
<td></td>
<td>23-May-18</td>
<td>21-Aug-18</td>
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<tr>
<td>Name of Funding Agency</td>
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<td>PI</td>
<td>Co-PI or Co-Investigator</td>
<td>Start Date</td>
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<td>Newfoundland and Labrador Workplace Initiative</td>
<td>Understanding work related injuries, risk factors and outcomes among older workers using national data for provincial comparisons</td>
<td>S Shooshstari, V Menec</td>
<td>C Pietrowski, N Turner, B Stoess</td>
<td>May-19</td>
<td>May-20</td>
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<tr>
<td>Pacific Institute for the Mathematical Sciences</td>
<td>2019 Data Science Bootcamp</td>
<td>S Khan</td>
<td>L Lix</td>
<td>Jan-19</td>
<td>Dec-19</td>
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<tr>
<td>Prairie Action Foundation</td>
<td>Underreporting Abuse of Older Adults</td>
<td>K Roger</td>
<td>D Goodridge, C Walsh, M Ranville</td>
<td>2019</td>
<td>2021</td>
</tr>
<tr>
<td>Public Health Agency of Canada- Preventing Gender-based Violence the Health Perspective</td>
<td>Healthy Relationships - 'Building Relationships' is to develop a community-driven and culturally-adapted dating violence prevention program for Indigenous teens. the project involves collaboration of: Ndinawemagonag Endaawaad (Ndnawe), Ma Mawi Wi Chi Itata (Ma Mawi) and Research and Education for Solutions to Violence and Abuse (RESOLVE)</td>
<td>J Ursel, RESOLVE (U of M)</td>
<td>J Durrant, R Chase R.</td>
<td>1-Oct-18</td>
<td>1-Oct-23</td>
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<td>Research Manitoba</td>
<td>SPOR Matching</td>
<td>M Doupe</td>
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<td>M Doupe</td>
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<td>SSHRC</td>
<td>An Arts-Informed Relational Approach to Understanding Nursing Home Staff Dementia &amp; Mental Health Literacy</td>
<td>K Aubrecht</td>
<td>J Keele, E Chandler, S Dupas, C Kelly, et al.</td>
<td>2018</td>
<td>2020</td>
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<tr>
<td>SSHRC</td>
<td>Cross the spectrum: Building a multi-sector partnership to conduct social policy evaluation and research using big data</td>
<td>M Brownell</td>
<td>E Forget</td>
<td>2019</td>
<td>2022</td>
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<tr>
<td>SSHRC</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>
<td></td>
<td>2018</td>
<td>2021</td>
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<tr>
<td>SSHRC</td>
<td>Canadian Partnership on Public Policy-Oriented Consumer Interest Research</td>
<td>R Kerton</td>
<td>E Goddard, M Lachance, G Saumier, et al.</td>
<td>Apr-14</td>
<td>Mar-19</td>
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<tr>
<td>SSHRC</td>
<td>Changing rural masculinities and mental wellness: A Prairie case study</td>
<td>R Herron</td>
<td>J Allen, C Waddell, K Roger</td>
<td>2018</td>
<td>2021</td>
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<tr>
<td>UIPPSF (SEED program)</td>
<td>Fostering International Research Collaborations with Australian Big Data</td>
<td>N Nickel</td>
<td></td>
<td>22-Jan-19</td>
<td>31-Jul-20</td>
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<tr>
<td>University of Manitoba Collaborative Research Grant</td>
<td>Perceptions of Nursing Home Care, University Collaborative Research Program</td>
<td>G Thompson</td>
<td>L Funk, K Roger, J Penny, et al.</td>
<td>2019</td>
<td>2021</td>
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<tr>
<td>University of Waterloo</td>
<td>CSTADS</td>
<td>N Nickel</td>
<td></td>
<td>1-Dec-18</td>
<td>30-Jun-19</td>
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<td>Uof Fraser Valley/CIHR</td>
<td>Participatory risk communication: Indigenous youth-generated messages for community health promotion</td>
<td>M Driedger</td>
<td></td>
<td>1-Apr-18</td>
<td>30-Sep-19</td>
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<tr>
<td>World Health Organization</td>
<td>Technical support to the work of WHO/IER by working with countries within the context of the Health Data Collaborative and contributing to the development and review of global tools and methods</td>
<td>T Boerma</td>
<td></td>
<td>11-Jul-18</td>
<td>31-Dec-18</td>
</tr>
<tr>
<td>Name of Funding Agency</td>
<td>Research Title</td>
<td>PI</td>
<td>Co-PI</td>
<td>Start Date</td>
<td>End Date</td>
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<td>Allen Carey Award</td>
<td>Individual and Provider Factors Associated with Differential Uptake of the Influenza Vaccine among Pregnant Women in Manitoba Canada</td>
<td>S Mahmud</td>
<td></td>
<td>1-Jul-17</td>
<td>30-Jun-18</td>
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<tr>
<td>Anonymous Donor</td>
<td>STRENGTH: Support for Resilience in Indigenous child health and development</td>
<td>M Brownell</td>
<td></td>
<td>9-Jan-16</td>
<td>15-Aug-21</td>
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<tr>
<td>Bill &amp; Melinda Gates Foundation</td>
<td>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 for sex workers in Kolkata and Mysore-Mandya, India</td>
<td>S Moses</td>
<td>S Reza-Paul, J Blanchard, R Lorway</td>
<td>23-Jul-14</td>
<td>30-Jun-18</td>
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<tr>
<td>Bill &amp; Melinda Gates Foundation</td>
<td>Enhancing the impact of HIV prevention programs for the most at risk populations in Kenya</td>
<td>J Blanchard</td>
<td></td>
<td>7-Nov-11</td>
<td>30-Jun-18</td>
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<tr>
<td>Bill &amp; Melinda Gates Foundation</td>
<td>External evaluation of the Umeed-e-nau (UeN) initiative to support women and girls in Pakistan</td>
<td>J Blanchard</td>
<td>F Emmanuel, BM Ramesh, L Avery, et al.</td>
<td>4-Jan-17</td>
<td>5-Dec-21</td>
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<tr>
<td>Bill &amp; Melinda Gates Foundation</td>
<td>Improved quality of community and low level facility management of childhood pneumonia and diarrhea in Uttar Pradesh</td>
<td>M Crockett</td>
<td>J Blanchard, S Moses</td>
<td>12-Nov-14</td>
<td>31-Jan-20</td>
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<tr>
<td>Bill &amp; Melinda Gates Foundation</td>
<td>Operations research on PPH control, newborn asphyxia and breastfeeding in Uttar Pradesh</td>
<td>J Blanchard</td>
<td>S Moses, BM Ramesh, L Avery, M Crockett</td>
<td>12-Nov-16</td>
<td>31-Oct-19</td>
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<tr>
<td>Bill &amp; Melinda Gates Foundation</td>
<td>Technical assistance to the Government of Uttar Pradesh for demand generation for health services in 25 high priority districts</td>
<td>J Blanchard</td>
<td></td>
<td>1-Nov-14</td>
<td>31-Oct-18</td>
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<tr>
<td>Bill &amp; Melinda Gates Foundation</td>
<td>Technical assistance to the Government of Uttar Pradesh to improve access, scale and quality of family planning</td>
<td>J Blanchard</td>
<td></td>
<td>1-Nov-14</td>
<td>31-Oct-19</td>
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<tr>
<td>Bill &amp; Melinda Gates Foundation</td>
<td>Technical assistance to UPSRLM to achieve mission outcomes</td>
<td>S Moses</td>
<td>J Blanchard, BM Ramesh</td>
<td>27-Nov-15</td>
<td>30-Jun-19</td>
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<tr>
<td>Bill &amp; Melinda Gates Foundation</td>
<td>Technical support to the government of Uttar Pradesh - FP Survey</td>
<td>J Blanchard</td>
<td>S Moses</td>
<td>23-Nov-15</td>
<td>15-Jan-19</td>
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<tr>
<td>Bill &amp; Melinda Gates Foundation</td>
<td>Technical support to the Government of Uttar Pradesh for improving nutrition status among mothers, infants and young children</td>
<td>S Moses</td>
<td>D Sankaran, J Blanchard, RM Ramesh</td>
<td>12-Nov-15</td>
<td>31-Jan-20</td>
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<tr>
<td>Bill &amp; Melinda Gates Foundation</td>
<td>Technical support to the government of Uttar Pradesh to improve health, nutrition and development coverage and outcomes (Unlocking)</td>
<td>J Blanchard</td>
<td>S Moses</td>
<td>18-Sep-15</td>
<td>31-Oct-18</td>
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<tr>
<td>Bill &amp; Melinda Gates Foundation</td>
<td>Techno-managerial support to Government of Uttar Pradesh to improve health system platforms</td>
<td>J Blanchard</td>
<td>S Moses, BM Ramesh, L Avery, M Crockett</td>
<td>12-Nov-16</td>
<td>31-Oct-19</td>
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<tr>
<td>Bill &amp; Melinda Gates Foundation</td>
<td>Techno-managerial support to Government of Uttar Pradesh to improve MNCH outcomes</td>
<td>J Blanchard</td>
<td>S Moses, BM Ramesh, L Avery, M Crockett</td>
<td>12-Nov-16</td>
<td>31-Oct-19</td>
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<tr>
<td>Bill &amp; Melinda Gates Foundation</td>
<td>To Reduce HIV Incidence in Kenya by Expanding Adolescent Voluntary Male Circumcisions, Introducing Early Infant Male Circumcision and Increasing the Focus on Program Safety</td>
<td>S Moses</td>
<td>J Blanchard, J Anthony, P Bhattacharjee</td>
<td>6-Nov-15</td>
<td>30-Jun-19</td>
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<tr>
<td>Boys and Girls Club of Winnipeg</td>
<td>The developmental health of children and youth participating in out-of-school programs.</td>
<td>M Brownell</td>
<td>J Enns</td>
<td>31-Aug-17</td>
<td>30-Aug-19</td>
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<tr>
<td>Bruyere University</td>
<td>Advancing primary health care for persons living with HIV in Canada</td>
<td>M Becker</td>
<td></td>
<td>1-Feb-14</td>
<td>31-Mar-20</td>
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<tr>
<td>Canada Research Chair</td>
<td>Applied Public Health Chair</td>
<td>M Urquia</td>
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<td>4-Jan-17</td>
<td>31-Mar-22</td>
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<td>Canada Research Chair</td>
<td>Pharmaco-Epidemiology and Vaccine Evaluation</td>
<td>S Mahmud</td>
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<td>31-Oct-23</td>
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<td>Canadian Foundation for Innovation</td>
<td>Pharmaco-Epidemiology and Vaccine Evaluation</td>
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<td>1-Sep-13</td>
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<td>Canadian Foundation for Innovation</td>
<td>Research data platform for program science in global public health, CFI</td>
<td>J Blanchard</td>
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<td>1-Apr-17</td>
<td>30-Aug-19</td>
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<tr>
<td>Name of Funding Agency</td>
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<td>Co-PI</td>
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<tr>
<td>Canadian Foundation for Innovation</td>
<td>The CRDCN Transition to High Performance Computing: Liberating Data for Research and Policy</td>
<td>McMaster University</td>
<td>E Forget</td>
<td>2018</td>
<td>2022</td>
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<tr>
<td>Canadian Institute for Public Safety Research and Treatment (CIPSRT) through the University of Regina funds</td>
<td>Trauma, mental health, and pain among first responders in Canada</td>
<td>N Carlson</td>
<td>TO Afifi</td>
<td>2017</td>
<td>2019</td>
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<td>CancerCare Manitoba Foundation</td>
<td>Developing algorithms to accurately and efficiently identify breast and colorectal cancer recurrence</td>
<td>P Marshall, H Singh</td>
<td>L Lix</td>
<td>Jul-17</td>
<td>Jun-19</td>
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<td>Cdn Forces Morale and Welfare</td>
<td>Understanding the health of Canadian military families and veterans: Special priorities for development of the Comprehensive Military Family Plan</td>
<td>A Mahar</td>
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<td>23-Dec-17</td>
<td>31-Mar-18</td>
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<tr>
<td>Centre for Addiction and Mental Health</td>
<td>&quot;Cognitive behavior therapy for anxious and depressed youth: Improving outcomes through mobile technology&quot;</td>
<td>S Shoshtari</td>
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<td>Jan-17</td>
<td>Aug-19</td>
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<td>Centre on Aging, University of Manitoba</td>
<td>Understanding Current Assessment and Program Design Practices in Community Older Adult Exercise Programs for Fall Prevention</td>
<td>KM Sibley</td>
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<td>Apr-16</td>
<td>Nov-19</td>
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<td>CFI Operating Funds - UofM</td>
<td>Research data platform for program science global public health</td>
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<td>Children’s Hospital Foundation</td>
<td>Maternal Medication use during pregnancy</td>
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<td>1-Jul-16</td>
<td>30-Jun-18</td>
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<tr>
<td>CHRIM</td>
<td>Examining the association between the development health of children and youth and participation in out-of-school programs</td>
<td>J Enns</td>
<td>M Brownell</td>
<td>9-Jan-17</td>
<td>31-Aug-19</td>
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<td>CHRIM</td>
<td>The Manitoba development origins of chronic diseases in Children Network (DEVOTION)</td>
<td>N Nickel</td>
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<td>1-Oct-16</td>
<td>31-Mar-18</td>
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<td>CHS/MCHP</td>
<td>Using population based data to guide fetal alcohol spectrum disorder (FASD) policy program and policy development in Manitoba</td>
<td>D Singal, A Katz, R Santos</td>
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<td>9-Jan-17</td>
<td>31-Aug-18</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>1-Apr-13</td>
<td>31-Mar-16</td>
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<td>CIHR</td>
<td>A modernized training program: Using evidence to inform policy change</td>
<td>M Doupe</td>
<td>M Thomson, G Trinidad, C Weise</td>
<td>3-Jan-17</td>
<td>31-Mar-18</td>
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<td>CIHR</td>
<td>A multi-method approach to exploring prescribing cascades</td>
<td>PA Rochon, SE Bronskill</td>
<td>L Lix</td>
<td>Apr-17</td>
<td>Mar-20</td>
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<td>CIHR</td>
<td>A rapid analytics platform for influenza vaccine evaluation and translational research.</td>
<td>S Mahmud</td>
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<td>1-Jul-16</td>
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<td>CIHR</td>
<td>Addressing gender-based health inequities among immigrants to Canada</td>
<td>M Urquia</td>
<td>M Brownell, J Ray, S Vigod, TO Afifi, et al.</td>
<td>7-Jan-17</td>
<td>30-Jun-22</td>
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<td>CIHR</td>
<td>Advancing the science of data quality for electronic health databases: Applications to chronic disease research and surveillance</td>
<td>L Lix</td>
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<td>Oct-15</td>
<td>Sep-22</td>
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<td>CIHR</td>
<td>Advancing the Science of Integrated Knowledge Translation with Health Researchers and Knowledge Users: Understanding Current and Developing Recommendations for Integrated KT Practice</td>
<td>KM Sibley, C McBride, et al.</td>
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<td>Apr-18</td>
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<td>CIHR</td>
<td>Arthritis care for Indigenous populations</td>
<td>C Camelle, M Barnabe</td>
<td>L Lix</td>
<td>Jul-15</td>
<td>Jun-19</td>
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<td>CIHR</td>
<td>Automated coding error detection tools in administrative health data: Development and validation</td>
<td>H Quan</td>
<td>L Lix</td>
<td>Jul-16</td>
<td>Jun-19</td>
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<td>CIHR</td>
<td>Beyond Structured Administrative Data</td>
<td>NP Roos</td>
<td>A Katz</td>
<td>1-Jul-16</td>
<td>30-Jun-23</td>
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<td>CIHR</td>
<td>Canadian Initiative on Social Statistics (CISS) data training schools and research training centres</td>
<td>McMaster University</td>
<td>E Forget</td>
<td>2016</td>
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<tr>
<td>CIHR</td>
<td>Canadian Longitudinal Study on Aging (CLSA) - comprehensive cohort</td>
<td>P Raina</td>
<td>V Menec, et al.</td>
<td>1-Apr-18</td>
<td>31-Mar-21</td>
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<tr>
<td>CIHR</td>
<td>Canadian Longitudinal Study on Aging (CLSA) - tracking cohort</td>
<td>P Raina</td>
<td>V Menec, et al.</td>
<td>1-Apr-18</td>
<td>31-Mar-21</td>
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<tr>
<td>CIHR</td>
<td>Canadian network for advanced interdisciplinary methods for prospective studies of drug safety and effectiveness</td>
<td>M</td>
<td>L Lix</td>
<td>Oct-14</td>
<td>Sep-19</td>
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<tr>
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<td>PI(s)</td>
<td>Co-PI(s)</td>
<td>Start Date</td>
<td>End Date</td>
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<td>CIHR</td>
<td>Canadian Network for Observational Drug effect Studies</td>
<td>D Chateau</td>
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<td>1-Jul-16</td>
<td>30-Jun-21</td>
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<td>CIHR</td>
<td>CIHR Centre for REACH in HIV/AIDS</td>
<td>S Rourke</td>
<td>J Mignone, et al.</td>
<td>Apr-14</td>
<td>Mar-19</td>
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<td>CIHR</td>
<td>CRC in Epidemiology and Global Public Health</td>
<td>J Blanchard</td>
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<td>1-Apr-15</td>
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<td>CIHR</td>
<td>Defining the burden and managing the effects of psychiatric comorbidity in chronic immunoinflammatory disease</td>
<td>C Bernstein, RA Marrie</td>
<td>I Lix</td>
<td>Jul-14</td>
<td>Jun-19</td>
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<td>CIHR</td>
<td>Defining the longitudinal course, outcomes, and treatment needs of vulnerable Canadians with posttraumatic stress disorder</td>
<td>J Sareen</td>
<td>TO Afifi, A Aiken, A Alessi-Severini, et al.</td>
<td>2015</td>
<td>2022</td>
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<td>CIHR</td>
<td>Direct Funded Home Care for Older People in Canada</td>
<td>C Kelly</td>
<td>K Aubrecht, IL Bourgeault, A Grenier, et al.</td>
<td>2016</td>
<td>2019</td>
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<td>CIHR</td>
<td>Discovering the epigenetic signatures associated with fetal alcohol spectrum disorder</td>
<td>B Elias</td>
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<td>1-Apr-13</td>
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<td>CIHR</td>
<td>Envision: Evaluating Home Visiting Interventions for Manitoba First Nations Families</td>
<td>M Brownell</td>
<td>N Nickel, W Phillips-Beck</td>
<td>1-Feb-16</td>
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<td>CIHR</td>
<td>Evaluating the Effectiveness of Sex- and Gender-Based Analysis on Knowledge Translation Interventions</td>
<td>S Straus</td>
<td>KM Sibley, et al.</td>
<td>Apr-17</td>
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<td>Examining personal and environmental factors associated with social isolation and loneliness among Canadians</td>
<td>V Menec</td>
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<td>Gender Disparities in Perinatal and Child Health and Maternal Well-being Associated with Maternal Country of Birth</td>
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<td>Getting Older adults OUTdoors (GO-OUT): A randomized controlled trial of a community-based outdoor walking program</td>
<td>N Salbach, R Barclay, P Chilibeck</td>
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<td>Global Child: A Rights-Based Approach to Enhancing the Health and Development of Canadian Children</td>
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<td>Y Lee, J Zerrmatten, M Greenwood, et al.</td>
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<td>J Sanguins</td>
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<td>Moving knowledge into action for more effective practice, programs and policy: A research program focusing on integrated knowledge translation</td>
<td>ID Graham</td>
<td>KM Sibley, et al.</td>
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<td>Neurodevelopment, Health and Educational Outcomes of Children Exposed to Antidepressants and Maternal Depression During Pregnancy</td>
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<td>D Chateau, L Katz, C Ruth, D Singal</td>
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<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, G Embry, et al.</td>
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<td>Person-oriented Statistical Methods for Health Services Research: Application to Mental Health Prevention Program Evaluation and Design.</td>
<td>D Jiang</td>
<td>R Santo, L Lix, R Tate, et al.</td>
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<td>Predictors and consequences of long-term functional trajectories of older men: The Manitoba Follow-up Study</td>
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<td>D Jiang, P St. John, M Routledge</td>
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<td>KM Sibley</td>
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<td>D Singal</td>
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<td>Advancing balance measurement and treatment for fall avoidance in physiotherapy practice: An Integrated Knowledge Translation research approach</td>
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<td>Implementing core outcome sets in fall prevention and balance research and practice: Understanding past experiences to plan for the future.</td>
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<td>Individual and Provider Factors Associated with Differential Uptake of the Influenza Vaccine among Pregnant Women in Manitoba Canada</td>
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<td>Preventing Punitive Violence Against Children: A Three-Province Evaluation of a Primary Prevention Program</td>
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<td>Longitudinal Study of Operational Stress Injuries (OSIs) for Royal Canadian Mounted Police (RCMP) Canada</td>
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<td>A modernized training program: Using evidence to inform policy change</td>
<td>M Doupe</td>
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<td>The PAX Program in Manitoba: A Positive Approach to Promoting Mental Health and Wellbeing</td>
<td>D Jiang, W Josephson, D Pepler, W Craig, et al.</td>
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<td>Bodies in Translation: Activist Art, Technology and Access to Life</td>
<td>&quot;C Rice, E Chandler (Ryerson)&quot;</td>
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<td>E Romano, JE Durrant, CA Ateah, G Holden, et al.</td>
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<td>B Elias, &quot;C. Rocke, J Ursel, K Levine, C Kelly, et al.&quot;</td>
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<td>Exploring the impact of the Abecedarian Early Childhood Intervention on Parents and Caregivers in a Subsidized Housing Complex</td>
<td>J Koshyk, J Mignone, et al.</td>
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<td>Jun-16</td>
<td>Dec-18</td>
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<td>Surgo Foundation</td>
<td>TSU innovation cell to support the Uttar Pradesh reproductive, maternal, nutrition and child health program</td>
<td>J Blanchard</td>
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<td>$505,442.00</td>
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<td>The Arthritis Society</td>
<td>Education outcomes of childhood-onset chronic rheumatic diseases</td>
<td>L Lim, L Lix</td>
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<td>Oct-16</td>
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<td>The Winnipeg Foundation</td>
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<td>N Roos, S Macdonald</td>
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<td>24-Sep-15</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>
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<td>Unicef</td>
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<td>University of Manitoba</td>
<td>CREATE program in Visual and Automated Disease Analytics</td>
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<td>Development of the pharmacoepidemiology and vaccine evaluation centre.</td>
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<td>Developing an Innovative Conceptual Framework of Community-Based Rehabilitation to Inform Restorative Care</td>
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<td>University of Southern California</td>
<td>Key populations mapping and size estimation in 34 counties in Kenya</td>
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<td>UofM, McCaughlin award</td>
<td>Individual and Provider Factors Associated with Differential Uptake of the Influenza Vaccine among Pregnant Women in Manitoba Canada</td>
<td>S Mahmud</td>
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<td>Winnipeg Regional Health Authority</td>
<td>Mathematical modeling and global public health</td>
<td>M Pickles</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</td>
<td>M Becker</td>
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<td>Women's College Hospital</td>
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<td>Workers Compensation Board of Manitoba</td>
<td>Online and classroom delivered mindfulness-based cognitive behaviour therapy course for building workplace resilience: A pilot randomized controlled trial</td>
<td>J Sareen</td>
<td>L Lix</td>
<td>May-17</td>
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<td>Workers Compensation Board of Manitoba RWIP</td>
<td>Building Support for Newcomer Workers in the Food Processing Industry” (MFL Occupational Health Centre, funded by WCB Manitoba RWIP, 2016)</td>
<td>K Hamilton</td>
<td>R Chase</td>
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