DEPARTMENT OF COMMUNITY HEALTH SCIENCES

ANNUAL REPORT
1 APRIL 2014 THROUGH 31 MARCH 2015
I am pleased to present the annual report for the Department of Community Health Sciences for the year April 2014 to March 2015.

This year saw the completion of the process of merging the Department of Family Social Sciences from the Faculty of Human Ecology with CHS, and the merger became official on the 1st of July 2015. We welcome the eight faculty members from Family Social Sciences who are now CHS colleagues, as well as the many graduate and undergraduate students who have transitioned to CHS, the College of Medicine, and the Faculty of Health Sciences. We are expecting one of our largest graduate student intakes in the academic year 2015-16 and are excited about the opportunities that will emerge for research programs and for teaching. We are also excited about teaching opportunities for undergraduate students on the Fort Garry Campus with whom we will now be involved and the opportunity to play a key role in the re-imagining of the Bachelor of Health Sciences and Bachelor of Health Studies undergraduate programs.

On the medical education front, we have successfully navigated our way through the first year of the new pre-clerkship curriculum in undergraduate medical education. Starting in August 2015, the incoming Med II class will experience the second year of the new curriculum, and of course we will be starting all over again with Med I. The new curriculum for the clerkship years continues to be well received by students and faculty members.

This report again highlights the success of our faculty and students in competing for grants, contracts, and awards and in translating our knowledge through scientific publications, conference presentations, media reports, and other modalities. Congratulations to CHS faculty, students, and staff on another successful year.

Stephen Moses, MD, MPH
Head of Department
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MISSION

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

GOALS

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

• to provide the highest quality education, employing a population-based approach to health and health care;
• to play a leadership role in ensuring that all undergraduate teaching in the Faculty has a population health and critical appraisal perspective and preventive focus where appropriate;
• to enhance student success by fostering an environment conducive to intellectual growth;
• to conduct original scholarship and applied research in the area of population health of the highest quality as judged by international standards; and
• to serve the community by making its expertise available and where appropriate by providing exemplary service models to individuals, communities, institutions, and governments to the fullest extent.
ABOUT THE DEPARTMENT

IN MEMORY

We offer our deepest sympathy to the family and friends of Dr. Carole Beaudoin and Dr. Patricia Martens.

Dr. Carole Beaudoin, Assistant Professor, CHS, passed away on 7 June 2014 after a lengthy battle with illness.

Carole was a member of the academic staff of CHS for many years and made important and valued contributions to our teaching programs and to supervising graduate students.

Carole was the Chief of Laboratory Surveillance and Epidemiology at the National Microbiology Laboratory and was engaged in a number of successful research collaborations, both at the NML, and with colleagues in CHS and nationally. Although she had to confront the prospect of a terminal illness at far too young an age she did so with great spirit, courage, and determination.

Dr. Patricia J. Martens, Professor, CHS, passed away on the 10th of January 2015 after a two year battle with illness.

Pat was a member of the academic staff of CHS and spent the past 10 years as Director of the Manitoba Centre for Health Policy. Pat made substantial contributions to health services and policy research.

She served on several national committees, including the Governing Board of the Canadian Foundation for Healthcare Improvement and the CIHI Expert Advisory group on Health System Performance. She garnered numerous awards and distinctions, including induction into the Canadian Academy of Health Sciences, the Emmet Hall Memorial Lectureship, fellowship in the Royal Society of Canada, and the Order of Canada.

Such recognition never surprised her colleagues and friends at home, who much admired their colleague, teacher, mentor, and friend.
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## PART TIME FACULTY

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<td>Aboriginal health; marginalised populations; medicine of poverty; rural and remote health care delivery; HIV/AIDS</td>
</tr>
<tr>
<td>Name</td>
<td>Title</td>
<td>Contact</td>
<td>Areas of Expertise</td>
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<tr>
<td>Claudio Rigatto</td>
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<tr>
<td>Janice Ristock</td>
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<tr>
<td>Karen Robinson, MD, CCFP, MPH, FRCPC</td>
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<td>Public health</td>
</tr>
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<td>Patient safety; healthcare liability and risk management; human factors and system safety; healthcare mediation and conflict management; emergency medicine</td>
</tr>
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<td>Program evaluation; surgical services; administrative databases; data linkage; longitudinal studies</td>
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<td><a href="mailto:noralou_roos@cpe.umanitoba.ca">noralou_roos@cpe.umanitoba.ca</a></td>
<td>Research on the broader determinants of health using administrative data</td>
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</tr>
<tr>
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<td><a href="mailto:banibrata.roy@umanitoba.ca">banibrata.roy@umanitoba.ca</a></td>
<td>Academic advisor – research and evaluations, UGMEBio–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</td>
</tr>
<tr>
<td>Julianne Sanguins, B.Sc. (Toronto), M.Sc. (Portland), Ph.D. (Calgary)</td>
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<td><a href="mailto:sanguins@cc.umanitoba.ca">sanguins@cc.umanitoba.ca</a></td>
<td>Indigenous health particularly Métis health; population health and rural health</td>
</tr>
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<td>Verena Schneider–Lindner, MD (Germany), MSc, PhD (McGill)</td>
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<td>Pharmacoepidemiology; epidemiological studies in population health databases and electronic medical records; health services research</td>
</tr>
<tr>
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<td>Associate Professor</td>
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<td>Nutrition; international health; Indonesia</td>
</tr>
<tr>
<td>Name</td>
<td>Title</td>
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<td>Areas of Expertise</td>
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<tr>
<td>Mrunal Shetye, MD, MPH</td>
<td>Assistant Professor</td>
<td><a href="mailto:mrunalshetye@bigfoot.com">mrunalshetye@bigfoot.com</a></td>
<td>HIV/STI prevention in MARPS; HIV care, support and treatment; community centric service delivery through large scale targeted intervention programs and care and support through community care centres; training and mentoring of health care providers on STIs and HIV in resource scarce settings</td>
</tr>
<tr>
<td>Harinder Singh, MBBS &amp; MD</td>
<td>Associate Professor</td>
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<td>Gastrointestinal cancers epidemiology and outcomes; gastrointestinal endoscopy outcomes; health services research; clinical epidemiology</td>
</tr>
<tr>
<td>Joyce Slater, B.S.H.Ec.</td>
<td>Assistant Professor</td>
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<td>Nutrition; public health; dietary assessment; epidemiology of obesity; community food security</td>
</tr>
<tr>
<td>Carolyn, Snider, MD, MPH</td>
<td>Assistant Professor, Scientist</td>
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</tr>
<tr>
<td>Shayne Taback, BSc, MD,</td>
<td>Associate Professor</td>
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<td>Pediatrics; Clinical Epidemiology</td>
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<tr>
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<td>Assistant Professor</td>
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<td>Clinical epidemiology; risk prediction; cohort studies; pharmaco–epidemiology; systematic reviews and meta analysis; chronic kidney disease; kidney failure</td>
</tr>
<tr>
<td>Doug Tataryn, BA (Hon.)</td>
<td>Assistant Professor</td>
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<td>Clinical psychology; psychosocial aspects of cancer</td>
</tr>
<tr>
<td>Milton Tenenbein, MD</td>
<td>Professor</td>
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<td>Pediatrics; aboriginal health</td>
</tr>
<tr>
<td>Donna Turner, BSc (Victoria)</td>
<td>Associate Professor</td>
<td><a href="mailto:donna.turner@cancercare.mb.ca">donna.turner@cancercare.mb.ca</a></td>
<td>Epidemiology; cancer</td>
</tr>
<tr>
<td>John Wade, BS (North Dakota)</td>
<td>Professor</td>
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<td>Health policy; medical education; anesthesiology</td>
</tr>
<tr>
<td>John Walker, B.A. (Hon.)</td>
<td>Associate Professor</td>
<td><a href="mailto:jwalker@cc.umanitoba.ca">jwalker@cc.umanitoba.ca</a></td>
<td>Epidemiology of mental health problems; risk factors for mental health problems; assessment and treatment of anxiety disorders; treatment preference and informed decision making concerning treatment; health anxiety</td>
</tr>
<tr>
<td>Reynolds Washington, Dipl</td>
<td>Associate Professor</td>
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<td>Public health; HIV/AIDS; India</td>
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<tr>
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<td>Assistant Professor</td>
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<td>Public health; immunization; disease prevention</td>
</tr>
<tr>
<td>Name</td>
<td>Title</td>
<td>Contact</td>
<td>Areas of Expertise</td>
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<tr>
<td>Debrah Wirtzfeld, BA (Hons.), BSc (Distinction), MD (Calgary), MSc (Memorial), FRCS, FACS</td>
<td>Associate Professor</td>
<td><a href="mailto:debrah.wirtzfeld@cancercare.mb.ca">debrah.wirtzfeld@cancercare.mb.ca</a></td>
<td>Treatment of hereditary gastric cancer; development and implementation of guidelines in colorectal cancer</td>
</tr>
<tr>
<td>Brock Wright, BSc, MD, FRCP, MBA (Manitoba)</td>
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<td>Health care administration</td>
</tr>
<tr>
<td>John Wylie, BSc (Manitoba), MSc (Ottawa), PhD (Manitoba)</td>
<td>Assistant Professor</td>
<td><a href="mailto:jwylie@gov.mb.ca">jwylie@gov.mb.ca</a></td>
<td>Epidemiology of infectious diseases (primarily sexually transmitted and bloodborne pathogens); social and sexual network analysis; molecular epidemiology; social determinants of health; social epidemiology; international health</td>
</tr>
<tr>
<td>Xibiao Ye, MB, MSc, PhD (China)</td>
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<td>Environmental epidemiology; health disparities; systematic review; health services research</td>
</tr>
<tr>
<td>Bo Nancy Yu, MD (Harbin), MSc (Beijing), PhD (Manitoba)</td>
<td>Assistant Professor</td>
<td><a href="mailto:yubn@cc.umanitoba.ca">yubn@cc.umanitoba.ca</a></td>
<td>Applied epidemiology; obesity epidemiology; population health survey; tobacco morbidity; mental health and psychiatric epidemiology; behavioral risk factors for chronic diseases</td>
</tr>
<tr>
<td>James Zacharias, MD, FRCP</td>
<td>Adjunct</td>
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<tr>
<td>Ryan Zarychanski, BSc, BSc (Med.), MD, MSc (Ottawa), FRCP</td>
<td>Assistant Professor</td>
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<td>Hematology; critical care; transfusion medicine; systematic reviews/meta-analysis; clinical trials; epidemiology</td>
</tr>
</tbody>
</table>
SUPPORT STAFF

As of 1 April 2014, Brenden Dufault, Biostatistical Consultant and Dennis Bayomi, Biostatistical Consultant moved with the Biostatistical Consulting Unit to The George and Fay Yee Centre for Healthcare Innovation.

- Kathleen Bell, Administrative Assistant to the Department Head;
- Eileen Boriskewich, Program Coordinator, WRTC
- Paulette Collins, Department Administrator;
- Karen Cook, Project Manager, Community Engagement;
- Henry Dik, Systems Analysts
- Don Erickson, Information Technologist;
- Princess Fernandez, Finance Officer;
- Pamela Gordon, Office Assistant, Graduate and Residency Program
- April Hatland, Office Assistant, Graduate and Residency Program
- Theresa Kennedy, Administrative Assistant, Graduate and Residency Program;
- Nora Platte, Finance Assistant
- Iryna Tsybukh, Office Assistant, Undergraduate Program Assistant;
- Bre Woligroski, Clinic Facilitator, WISH Clinic;
- Erica Young, WISH Clinic Assistant
FINANCIAL OVERVIEW

CHS faculty continues to be successful in receiving new grants and contracts. Across the Department a total of 63 new grants and contracts were awarded for a grant total of $128,153,178.00 over the life of the funds. There are a total of 149 grants and contracts that continued through this year.

Total Budget for FY 14/15 from all sources across the Department = $70,805,687.00.

Total revenue from grants and contracts across the Department = $63,574,817.00.

The Department had total expenses across all sources of $55,757,368.00.
FACULTY/STAFF AWARDS

Tracie Afifi

- Recipient of the 2014 Rh Award for Outstanding Contributions to Scholarship and Research in the Health Sciences category at the University of Manitoba, Winnipeg Rh Institute Foundation.

Tracie Afifi and Douglas Brownridge


Karen Duncan

- Elected to a three–year term on the Board of Directors of the American Council on Consumer Interests.

Evelyn Forget

- Awarded the “Mike McCracken Award for Economic Statistics” from the Canadian Economics Association (https://economics.ca/en/mccracken.php). This is for work that she has done with Manitoba Centre for Health Policy data on the Mincome experiment. This award recognises both theoretical and applied contributions that are important to the development or use of official economic statistics.

Moni Fricke

- PhD candidate in CHS was awarded the 2014 National Alliance Award of Distinction in Montreal in November by the Canadian Alliance of Physiotherapy Regulators for her work in the regulation of physiotherapy.

Chelsea Jalloh

- Undergraduate Coordinator, CHS and PhD candidate in the Faculty of Education, received a 2014-15 Emerging Leader Award.

Alan Katz

- Recipient of the President’s Award from the Northern American Primary Care Research Group (NAPCRG) in November 2014. The award was presented for Alan’s service to NAPCRG, outstanding leadership at the NAPCRG Board, and his strong contribution to NAPCRG’s new strategic plan.

Lisa Lix


Sharon Macdonald

- Recipient of the 2013 Campbell Outreach Award. The Campbell Award is the University’s premier award in recognition of outstanding outreach activities by a member of the University. The
award was presented at the Annual Outreach Reception, 17 November 2014.

Salah Mahmud
- Recipient of the 2014 Aubie Angel Young Investigator Award in Clinical Research. This is a highly prestigious research award for new faculty members.

Patricia Martens
- Inducted into the Canadian Academy of Health Sciences. The induction ceremony was held in Ottawa at the Chateau Laurier Hotel, on Thursday, 18 September 2014.
- Recipient of the Emmet Hall Memorial Lectureship for the Canadian Association of Health Services and Policy Research (CAHSPR) conference, 13-15 May 2014. Sponsored by the Hall Foundation, the lecturer is nominated on the basis of outstanding contributions to the health ideals articulated by Justice Hall: equity, fairness, justice, and efficiency.

Allan Ronald
- Recognised during the Canadian Student Health Research Forum in June 2014 with the ‘Outstanding Contribution to Research Award’ for a long record of being a role model, mentor, and supporter of excellence in health research.

Audrey Swift
- Recipient of the Excellence in Teaching Award on 4 June 2014 from the Manitoba Association of Home Economists for teaching Health Studies classes. This is an annual award based on nomination from fourth year graduating students within the Faculty of Human Ecology.

John Wade
- Awarded a Lifetime Achievement Award from the Manitoba Institute for Patient Safety (MIPS).

Xibiao Ye
- Prize for Innovation – Hacking Health Award (2014).

Congratulations to the recipients of Manitoba Health Research Council awards (2014–2015):
- Dr. Sara Kreindler, Manitoba Research Chair in Health System Innovation
- Dr. Ruth Ann Marrie, Manitoba Research Chair
- Dr. Nathan Nickel, Operating Grant
- Dr. Navdeep Tangri, Operating Grant

University of Manitoba Anniversary Awards:

Five Years
Mariette Chartier, Chantal Edwards, Ava Halpin, Chelsea Jalloh, Robert Lorway, Sharon Macdonald, Chelsey McDougall, Mark Smith, Amanda Woods

Ten Years
Dennis Bayomi, Theresa Daniuk, Heather Prior, Ken Turner

Fifteen Years
James Blanchard, Don Erickson, Patricia Martens (in memory)

Twenty-Five Years
Charles Burchill, Amanda Penzick, Ann Vandersteen

Thrity Years
Michael Moffatt, Carol Sigurdson

Forty Years
Noralou Roos
EDUCATIONAL PROGRAMS

UNDERGRADUATE EDUCATION PROGRAM
Gladys Stewart, Coordinator (retired September 2014)
Chelsea Jalloh (employed September 2014)

Pre-Clerkship
Dr. Jocelyn Reimer, Co-Director
Dr. Adrienne Morrow, Co-Director

Highlights

This academic year marked the inaugural implementation of the new curriculum for the first year medical students (Class of 2018). For the first time the Population Health curriculum extends throughout the entire four years of medical school. In total, first year medical students received 29 whole group sessions, 3 whole group active sessions (this includes more interactive sessions such as panel discussions and guest speakers), 4 assigned studies, and 15 small group tutorials. In the coming academic year the Population Health course looks forward to continuing to build upon this success with the implementation of the new curriculum for both the incoming first year (Class of 2019) and second year medical students (Class of 2018).

The new pre–clerkship curriculum draws from strengths in the previous curriculum and has also incorporated innovative teaching in some new content areas. Interactive student learning opportunities with community partners, such as learning about food security at Winnipeg Harvest and participating in the United Way Poverty Simulation, provide hands-on experiences to better understand the social determinants of health. The involvement of subject matter experts as guest lecturers/panelists has greatly enriched the students’ learning experiences about key issues in immigrant and refugee health, disabilities and independent
living, LGBTTQ health and healthy sexuality. The paradigm shift to include more small group learning would not be possible without the time, energy, and expertise of the tutorial leaders. Dr. Joss Reimer extends sincere thanks to all of the lecturers and tutorial leaders who have been essential components of this new Population Health curriculum.

Clerkship

Dr. Joel Kettner, Director of Public Health Rotation
Dr. Lisa Richards, Director of Electives

Highlights

The Public Health part of the Family Medicine/Public Health rotation for third year medical students is designed for students to develop and apply their pre-clerkship knowledge in population health to the practice of public health in a Manitoba community and primary health care setting.

The first part of the rotation occurs before the students relocate to begin their clinical placements, mostly in rural communities. The purpose of this part of the rotation is to orient the students to the practice of public health in the province. The small group sessions include an approach to assessing the health of a community, a hot public health topic, and an exercise responding to a measles outbreak. The students also spend a day at the Manitoba Health building on Carlton Street where they are oriented to the role of medical officers of health, public health nurses, and public health inspectors. Students are introduced to the functions and systems of public health surveillance, emergency preparedness and response, environmental health, and communicable disease control.

Throughout their clinical placements, Family Medicine/Public Health clerks participate in an online discussion forum in which they reflect on public health observations and experiences (e.g., the role of the built environment, social factors in the community, and hot topics). Students are encouraged to participate in opportunities for experiential learning with public health practitioners and others in public health and community settings.

Drs. Adrienne Morrow and Joel Kettner wish to thank the instructors who provided clerkship teaching and the community public health contacts who facilitate public health experiences for students during their Family Medicine/Public Health rotation.

In addition to Public Health experience during their rotations, Academic Half Days provide ongoing opportunities for third year clerks to consider the connections between population health and their various rotations. This year students experienced Academic Half Days about health equity and social accountability, prevention at the individual level, and health information literacy.

Fourth year medical students participated in a variety of electives, such as Northern Medical Unit (10 students), Winnipeg Regional Health Authority (six students), Occupational Health (two students), Aboriginal Health (six students), and the Manitoba Centre for Health Policy (one student).

In February/March 2015, a number of fourth year medical students participated in selectives (Transition to Residency Electives): two students in Occupational Health and two students
at Winnipeg Regional Health Authority. On behalf of Drs. Adrienne Morrow and Lisa Richards many thanks to the preceptors who worked with elective students during the past year.

Ms. Kirsten Clark received the Med II Summer Research Award for Outstanding Clinical Research Project ($500) at the Joe Doupe Memorial Lecture and celebration of the BSc (Medicine) Program on 4 September. Her project was titled, “Fasting triglycerides as a predictor of incident diabetes, insulin resistance and β–cell function in a First Nation population”. Kirsten was supervised by Dr. Sharon Bruce, Natalie Riediger, and Dr. Barry Lavallee.

**Indigenous Health Longitudinal Course**

Dr. Barry Lavallee, Lead  
Ms. Linda Diffey, Coordinator

**Highlights**

In the fall of 2014, the Indigenous Health Longitudinal Course launched the new Med I program. The first year of the course consists of 30 hours distributed across 12 teaching sessions that occur throughout the first year of the UGME program. Consistent with the anti-racist pedagogical approach used throughout the course, the Med I sessions are intended to help students consider the socio–historical mechanisms of colonial oppression and racism and how these continue to impact the health of Indigenous peoples. The sessions are designed to build on each other, beginning with an overview of Indigenous peoples in Manitoba and their health priorities, including community–based supports and initiatives, ethics issues, and racism as a social determinant of health and its impacts on health status and policy. The course employs small group sessions that emphasize peer teaching; students work in groups to answer assigned questions and present their ideas to fellow students. These teaching sessions have been supported through a strong working relationship with the NJM Health Sciences library to develop student resources in the Medical Student Toolkit.

This is the second year of implementation for the Med III portion of the longitudinal course. The Transition to Clerkship sessions, which consisted of case–based group learning activities that have students visit a community–based program and develop an advocacy plan, were maintained from the pilot year. In addition to the initial programs that participated (e.g., Aboriginal Health and Wellness Centre, Mount Carmel Clinic, WRHA–Aboriginal Health Programs), new sites were added this year that included North Point Douglas Women's Centre, Ma Mawi Wi Chi Itata, Ka Ni Kanichihk, and New Directions.

In response to student feedback and discussions with other course leaders, the total number of Academic Half Days for all courses was reduced during the 2014–15 session. For Indigenous Health this has resulted in three, two–hour sessions instead of the original four in the pilot year. Efforts were also made to reduce redundancies and coordinate topics and approaches to build on the sessions offered by other courses and subject areas.

The Indigenous Health Academic Half Days include: 1) Advanced Communication — focusing on a role play activity to explore ideas to address racism in clinical settings; 2) Policy & Indigenous Health—to explore the role
that physicians can play in influencing policy around Indigenous health issues; and 3) Trauma–Informed Care — working with leaders of the Manitoba Trauma Information and Education Centre at Klinic, the session will focus on specific issues of trauma relevant to Indigenous peoples and how the principles of trauma–informed care may be incorporated into a physician’s practice. Plans are currently underway with the other course leaders to continue revising the Academic Half Day program for the 2016–17 session.

Learning objective preparation and scheduling is currently being completed for the Med II portion of the course. This will be implemented in the 2015–16 session.

The Centre for Aboriginal Health Education’s Traditional Medicine Elective in Med IV was completed by six students between January–April, 2015. The students engage in a variety of activities during the elective, including 1) cultural and community–based activities; 2) family medicine clinics; and 3) critical reflection and discussion of assigned readings.

GRADUATE PROGRAM
Dr. Verena Menec, Director, PhD, MSc and Diploma programs
Dr. Joel Kettner, Director, MPH program

Highlights

Given the merger of CHS with the Department of Family Social Sciences (FSS) as of 1 July 2015, small modifications were made to the MSc program in CHS, including the addition of FSS graduate courses.

There were also two admissions to the MSc program.

In total, the intake for September 2015 will be: 8 PhD (with one deferral to September 2016), 18 MSc, and 4 MPH students (one of which was a deferral from last year).

In November 2014, Department Council approved a new MSc specialisation in biostatistics. The specialisation requires students to complete all core courses in the current MSc program, and to take required and elective courses in statistics and biostatistics. In addition, students seeking to achieve this specialisation must complete a thesis whose content emphasises the development and application of new statistical methods in the health sciences.

In 2014 there were 11 members of the Graduate Studies Committee. Three designated members: Director of the Graduate Program and Committee Chair, Dr. Verena Menec; Department Head Dr. Stephen Moses; and the Director of the Public Health and Preventive Medicine (PHPM) Residency Program, Dr. Brent Roussin. In addition, there are four full–time faculty members elected by the Department Council: Drs. Robert Tate, Malcolm Doupe, Michelle Driedger, and Randy Fransoo and two part–time faculty members, Drs. Ruth Marrie and Shayne Taback. In addition, there are two student representatives from the Graduate Students at–large: Claudyne Chevrier and Leigh McClarty and one Community Medicine Resident representative, Jasdeep Atwal.

As of 2015, Drs. Deborah McPhail and Shahin Shooshtari joined the committee, replacing Drs. Fransoo
Awards
Awards were held by 35 students enrolled in CHS in 2014/15 (see list below).

<table>
<thead>
<tr>
<th>Graduate Program Students New and Continuing-On Awards</th>
<th>Research Award</th>
<th>Recipient</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIHR Doctoral Award: Health Services/Population Health HIV/AIDS Research (cont)</td>
<td>Laura Thompson</td>
<td></td>
</tr>
<tr>
<td>CIHR Rossiter Award</td>
<td>Mary Bertone; Sabyasachi Gupta; Jamie Matwyshyn; Jody Persaud</td>
<td></td>
</tr>
<tr>
<td>CIRN (Canadian Immunization Research Network Trainee program)</td>
<td>Hasantha Sinnock (Gunaratna)</td>
<td></td>
</tr>
<tr>
<td>David G. Fish Memorial Scholarship</td>
<td>Anthony Huynh</td>
<td></td>
</tr>
<tr>
<td>E.I. Benjaminson Memorial Scholarship, Sigurdsson Chapter IODE Scholarship</td>
<td>Sneha Abraham</td>
<td></td>
</tr>
<tr>
<td>Evelyn Shapiro Award for Health Services Research</td>
<td>Lorena Plastino, Jason Randall</td>
<td></td>
</tr>
<tr>
<td>Greene Memorial Fellowship</td>
<td>Hatrice Guler–Berk</td>
<td></td>
</tr>
<tr>
<td>IID &amp; GH Training Program</td>
<td>Claudyne Chevrier</td>
<td></td>
</tr>
<tr>
<td>IMPART Fellowship</td>
<td>Erynne Sjoblom</td>
<td></td>
</tr>
<tr>
<td>MHRC PhD Dissertation Award</td>
<td>Deepa Singal</td>
<td></td>
</tr>
<tr>
<td>MHRC PhD</td>
<td>Souradet Shaw</td>
<td></td>
</tr>
<tr>
<td>MHRC Coordinated Studentships PhD (UMGF/MHRC)</td>
<td>Elsabe du Plessis; Alexander Peden; Alexander Villafranca</td>
<td></td>
</tr>
<tr>
<td>MHRC PhD (cont)</td>
<td>Natalie Riediger</td>
<td></td>
</tr>
<tr>
<td>MHRC/UMGF PhD (cont)</td>
<td>Claudyne Chevrier (PhD); Sheila Novek (PhD); Rae Spiwak</td>
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</tr>
<tr>
<td>MHRC/UMGF MSc</td>
<td>Darrien Morton</td>
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<tr>
<td>MHRC Studentship MSc (cont)</td>
<td>Shauna Zinnick</td>
<td></td>
</tr>
<tr>
<td>MHRC Coordinated Studentships MSc (MHRC/MICH) (cont)</td>
<td>Leah Crockett</td>
<td></td>
</tr>
<tr>
<td>MHRC/UMGF MSc (cont)</td>
<td>Taruwona Manyanga (MSc) and Elizabeth Wall–Wieler (MSc)</td>
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<tr>
<td>Manitoba Research Data Centre Award</td>
<td>Sarah Turner</td>
<td></td>
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<tr>
<td>UMGF</td>
<td>Thomas Ferguson</td>
<td></td>
</tr>
<tr>
<td>UMGF/Lung Association Studentship (cont)</td>
<td>John Paul Kuwornu</td>
<td></td>
</tr>
<tr>
<td>Western Regional Training Centre</td>
<td>Nicole Herpai; Darrien Morton; Iresha Ratnayake; Nadia Reider; Sarah Turner</td>
<td></td>
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</tbody>
</table>

and Taback. In addition, because of the CHS–FSS merger, Drs. Rachel Eni and Karen Duncan participated in the admissions committee meetings for the MSc, PhD, and diploma programs.

Ms. Theresa Kennedy continued as the full-time graduate program administrative assistant. Ms. Iryna Tsybukh provided temporary support during the fall term. Ms. Pamela Gordon joined the team providing support to the PHPM residency program, the MPH program and Admissions beginning March 2015.
Yao Nie, CHS MSc student, won the Statistics on Reels video research competition at the Statistical Society of Canada’s Student Conference, which was held in Toronto on 24 May 2014. Participants in the competition prepared an abstract and a two- to five-minute video describing their research. Videos were judged based on presentation and academic merit. Yao’s video was entitled “Completeness of rheumatoid arthritis prevalence estimates from administrative health data: Comparison of capture–recapture models” and can be viewed at http://www.ssc.ca/en/about/committees/SARGC/student_conference/2014/reels_finalists

Natalie Riediger (CHS PhD student) won two major awards at the Canadian Student Health Research Forum (CSHRF), 10—12 June 2014. The St. Boniface General Hospital Foundation Inc. Award for excellence of her research in Cardiovascular Biology ($1000), and the E. L. Drewry Memorial Award 2014, which is “the highest research honour conferred upon a senior doctoral student within the Faculty” and includes a cash award in the amount of $1000, reimbursement of expenses to attend a national scientific meeting (up to $1000), permanent recognition of the award through inscription of her name on a plaque displayed prominently in the Faculty, and the opportunity of presenting her work at a Faculty–wide E.L. Drewry Memorial Lecture, to be held within Research Days 2015. Congratulations to Natalie on receiving these prestigious awards and for the hard work that resulted in the honours.

Graduated Students

Fifteen CHS students completed programs in the past twelve months. This includes eight MPH, six MSc and one diploma graduate. A listing of students with relevant information appears below.

<table>
<thead>
<tr>
<th>Student</th>
<th>Program</th>
<th>MSc &amp; PhD Thesis/MPH Title, Field Placement Agency &amp; Location</th>
<th>Defence Date</th>
<th>Advisor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yao Nie</td>
<td>MSc</td>
<td>Completeness of Rheumatoid Arthritis Prevalence Estimates from Administrative Health Databases: Comparison of Capture–Recapture Models</td>
<td>23/5/2014</td>
<td>Dr. L. Lix</td>
</tr>
<tr>
<td>Monica Novotny</td>
<td>MPH</td>
<td>Mental Health Surveillance in the Winnipeg Regional Health Authority WRHA Mental Health Promotion, 496 Hargrave Street, Winnipeg</td>
<td>13/6/2014</td>
<td>Dr. J. Kettner, Dr. L. Elliott, Dr. B. Roussin Field Placement Supervisors: C. Green, Population and Public Health Program, WRHA; M. Cooper, Mental Health Promotion, WRHA</td>
</tr>
<tr>
<td>Maria Medina</td>
<td>MSc</td>
<td>Disclosure of Difficult Life Events with a Visual Tool</td>
<td>27/6/2014</td>
<td>Dr. R. Chase</td>
</tr>
<tr>
<td>Student</td>
<td>Program</td>
<td>MSc &amp; PhD Thesis/MPH Title, Field Placement Agency &amp; Location</td>
<td>Defence Date</td>
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<tr>
<td>Janella Delorme de Rocquigny</td>
<td>MSc</td>
<td>Manitoba’s Francophone Children: What determines EDI scores?</td>
<td>4/7/2014</td>
<td>Dr. N. Roos</td>
</tr>
<tr>
<td>Leanne Leclair</td>
<td>PhD</td>
<td>Community Supports for Parents of Young Children: A Needs Assessment</td>
<td>14/8/2014</td>
<td>Dr. M. Finlayson</td>
</tr>
<tr>
<td>Sabyasachi Gupta</td>
<td>MPH</td>
<td>Development of NorWest Co–op Community Health Chronic Disease Team and its Evaluation Framework: An Approach to Integrate Primary and Secondary Prevention with a Tertiary Prevention Approach NorWest Co–op</td>
<td>2/9/2014</td>
<td>Dr. J. Kettner, Dr. L. Elliott, Dr. B. Roussin Field Placement Supervisors: N. Heinrichs, NorWest Co–op Community Health, WRHA; L. Horodecki, Project Manager, NorWest Co–op Community Health</td>
</tr>
<tr>
<td>Taruwona Manyanga</td>
<td>MSc</td>
<td>Is the change in BMI (z–score) among youth diagnosed with type 1 diabetes mellitus associated with obesity at age 18?</td>
<td>12/9/2014</td>
<td>Dr. R. Fransoo</td>
</tr>
<tr>
<td>Andrea Bombak</td>
<td>PhD</td>
<td>Obese individuals perceptions of health and obesity and the lived experience of weight loss, gain, or maintenance over time</td>
<td>31/10/2014</td>
<td>Dr. S. Bruce</td>
</tr>
<tr>
<td>Lorraine Avery</td>
<td>PhD</td>
<td>Registered nurses’ perceived importance of knowledge sources in relation to structural empowerment</td>
<td>17/11/2014</td>
<td>Dr. M. Moffatt</td>
</tr>
<tr>
<td>Saila Parveen</td>
<td>MSc</td>
<td>Quality of Care in Primary Healthcare Clinics in Winnipeg: A Comparative Study</td>
<td>27/11/2014</td>
<td>Dr. A. Katz</td>
</tr>
<tr>
<td>Jamie Matwyshyn</td>
<td>MPH</td>
<td>A community–led strategy to improve early childhood outcomes in Winnipeg’s North End Winnipeg BOLDNESS Project 607 Selkirk Ave, Winnipeg, MB</td>
<td>16/12/2014</td>
<td>Dr. J Kettner; Dr. L. Elliott; Dr. B. Roussin Field placement supervisor: G. Rowe, Research Manager MSW</td>
</tr>
<tr>
<td>Natalie Riediger</td>
<td>PhD</td>
<td>Characterizing cardiovascular risk in a Manitoba First Nation</td>
<td>17/12/2014</td>
<td>Dr. S. Bruce</td>
</tr>
<tr>
<td>Student</td>
<td>Program</td>
<td>MSc &amp; PhD Thesis/MPH Title, Field Placement Agency &amp; Location</td>
<td>Defence Date</td>
<td>Advisor(s)</td>
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</tr>
<tr>
<td>Jody Persaud</td>
<td>MPH</td>
<td>Towards Flourishing: An Evaluation of Mental Health Promotion Training for Public Health Professionals in Manitoba Healthy Child MB &amp; WRHA</td>
<td>16/01/2015</td>
<td>Dr. J Kettner; Dr. L. Elliot; Dr. B. Roussin, Field placement supervisor: Dr. M. Chartier, CHS; J. Volk, Senior Policy and Evaluation Analyst, Healthy Child Manitoba; M. Cooper, Manager, Mental Health Promotion, WRHA; F. Quddus, Research Coordinator, Healthy Child Manitoba</td>
</tr>
<tr>
<td>Sneha Abraham</td>
<td>MSc</td>
<td>Transitions between care settings towards the end of life in older homecare clients in Manitoba</td>
<td>17/02/2015</td>
<td>Dr. V. Menec, (advisor); Dr. M. Doupe; Dr. G. Thompson, Nursing</td>
</tr>
<tr>
<td>Salme E. Lavigne</td>
<td>PhD</td>
<td>Effects of Power Toothbrushing on Oral Inflammation, Caregiver Adherence, and System Inflammation in a Sample of Nursing Home Residents</td>
<td>24/02/2015</td>
<td>Dr. M. Doupe, (advisor); Dr. S. Mahmud; Dr. L. Elliott; Dr. A. Iacopino, Dean, Dentistry; External Examiner: Dr. W.P. Wodchis, Institute of Health Policy Management &amp; Evaluation, University of Toronto</td>
</tr>
<tr>
<td>Elizabeth Wall-Wieler</td>
<td>MSc</td>
<td>Predictors of Employment and Income Assistant Usage in Early Adulthood Across Type and Income Quintile</td>
<td>17/03/2015</td>
<td>Dr. L. Roos, (advisor); Dr. D Chateau; Dr. L. Rosella, Dalla Lana School of Public Health, University of Toronto</td>
</tr>
<tr>
<td>Brenda Comaskey</td>
<td>PhD</td>
<td>Maternal Mood and Anxiety Disorders and Child School Readiness: A Manitoba Population–Based Study</td>
<td>20/03/2015</td>
<td>Dr. N. Roos, (advisor); Dr. M. Brownnell; Dr. D. Chateau; Dr. M. Enns, Psychiatry; Dr. C. Ruth, Pediatrics and Child Health; External Examiner: Dr. J. Jenkins, Applied Physiology and Human Development, University of Toronto</td>
</tr>
<tr>
<td>Andrea Katryn Blanchard</td>
<td>MSc</td>
<td>A Community–Based Qualitative Study to Explore the Experience and Understandings of Intimate Partner Violence among Female Sex Workers and their Intimate Partners in Karnataka, India</td>
<td>25/03/2015</td>
<td>Dr. S. Bruce, (advisor); Dr. R. Lorway; Dr. J. Mignone; Dr. L. Dean, Social Work</td>
</tr>
<tr>
<td>Student</td>
<td>Program</td>
<td>MSc &amp; PhD Thesis/MPH Title, Field Placement Agency &amp; Location</td>
<td>Defence Date</td>
<td>Advisor(s)</td>
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<tr>
<td>Mary Bertone</td>
<td>MPH</td>
<td>Oral Health in Long–Term Care: Improving the Quality of Life for Older Adults Canadian Dental Hygienists Assoc, CDHA, Ottawa</td>
<td>27/03/2015</td>
<td>Dr. J Kettner; Dr. L. Elliot; Dr. B. Roussin, Field placement supervisor; O. Love, CEO, Canadian Dental Hygienists Association; A. Wright, Director of Dental Hygiene Practice, Canadian Dental Hygienists Association; P. Benbow, Manager of Health Policy, Canadian Dental Hygienists Association</td>
</tr>
</tbody>
</table>
RESIDENCY IN PUBLIC HEALTH AND PREVENTIVE MEDICINE
Dr. Brent Roussin, Director

The Public Health and Preventive Medicine Residency Program 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). The residency was first established in 1979 and is five years in duration.

Training consists of two years of clinical training in Family Medicine leading to certification in Family Medicine (CCFP) by the College of Family Physicians of Canada. The program also requires academic training that could lead to either a Master of Public Health (MPH) or a Master of Science (MSc) in Community Health Sciences. The senior years of training include core and elective rotations in federal, provincial, and regional health and related agencies. Rotations take place in urban, rural, and northern settings.

The residency program continues to evolve and improve with the involvement of prior Program Directors as well as other Medical Officers of Health who have roles as preceptors to the residents.

As of 1 July 2015, the program will have six full time residents. Ms. Iryna Tsybukh provided temporary support during the fall term for this program. Ms. Pamela Gordon provides on-going support for this program.
TRAINING PROGRAMS

QUEEN ELIZABETH II DIAMOND JUBILEE SCHOLARSHIP PROGRAM

The Manitoba First Nations Centre for Aboriginal Health Research (MFN–CAHR) was selected as one of thirty-four Canadian universities to manage projects that will offer scholarship opportunities to more than 1,900 university students in the Commonwealth. The proposal is titled: Promoting international community–university partnerships in global and Indigenous health. It is led by Dr. Josee Lavoie, Director, MFN CAHR and Associate Professor, Department of Community Health Sciences.

The project will be undertaken with the Centre for Global Public Health and the Department of Medical Microbiology. The three project partners will work with the support of additional program partners in Australia, New Zealand, India, and Kenya. The program goal is to create a community of global inter–disciplinary and program–engaged scholars who will become leaders in global and Indigenous health research. The focus of this scholarship program will be informed by community engagement, community–based participatory research, and program science principles. Scholarships will be provided to outgoing undergraduate and graduate students and incoming graduate students from our partnering Commonwealth countries. It will also facilitate scholar–community engagement, in collaboration with our Winnipeg–based community partners, the Assembly of Manitoba Chiefs, Manitoba Metis Federation, and the Manitoba Inuit Association.

The Queen Elizabeth Scholars will benefit from the University's sustained partnerships in Nairobi, Kenya, and Bangalore, India, as well as the community partners, and strong research ties in Indigenous health research in Australia and New Zealand. The project will link these established training programs to facilitate greater cross–cultural learning opportunities for the scholars. The Canadian Queen Elizabeth II Diamond Jubilee Scholarships will help develop the next generation of innovative leaders and community builders, both locally and globally. Canadian students at the undergraduate and graduate levels will participate in internships or academic study for periods of three months to one year in another Commonwealth country. Scholarships will also be available to students from Commonwealth countries to attend a Canadian university for masters or doctoral studies. The Scholarships form part of university–designed projects that address pressing local, national, and global issues.

THE INTERNATIONAL INFECTIOUS DISEASE AND GLOBAL HEALTH TRAINING PROGRAM

The Department also participates actively in the International Centre for Infectious Diseases (ICID) Training Program, funded by CIHR. The ICID training program is a Winnipeg–based not–for–profit corporation with a mission to advance Canada’s infectious diseases capacity and facilitate the application of Canadian infectious diseases expertise, domestically, and internationally.
WESTERN REGIONAL TRAINING CENTRE
Dr. Malcolm Doupe, Director

Highlights
The Western Regional Training Centre (WRTC) provides student stipends ($17,850) for training in the area of health services research. WRTC is one of six training centres in Canada financially supported by the Canadian Institutes of Health Research (CIHR). The Manitoba–based program is also funded by Manitoba Health. WRTC offers multi–disciplinary training in applied health services research and invites students from a broad range of disciplines and backgrounds to apply.

Western Regional Training Program Recipients:

- Nicole Herpai
- Darrien Morton
- Iresha Ratnayake
- Nadia Reider
- Sarah Turner

Program co-ordination for the WRTC Manitoba Program is provided by Mrs. Eileen Boriskewich.

DEPARTMENTAL AWARDS

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.

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.

The 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 was Aaron Trachtenberg.
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/Preventive Medicine at the University of Manitoba. He devoted his career to graduate education and international health. This fund commemorates Dr. Fish, his vision, and his accomplishments and also reflects his interest in research on international health by offering scholarship support for graduate students who undertake research abroad.

This year’s recipient: Anthony Huynh (fall 2014 and winter 2015)

DR. CHRISTINE EGAN MEMORIAL SCHOLARSHIP

In memory of Dr. Christine Egan (Ph.D./99), who died tragically on 11 September 2001, her family, friends, and estate 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: Cynthia VanEinhoven and Sylvia Mala

EVELYN SHAPIRO AWARD FOR HEALTH SERVICES RESEARCH

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

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

This year’s recipients: Lorena Plastino and Jason Randall
DEPARTMENTAL UNITS

CENTRE FOR GLOBAL PUBLIC HEALTH

Dr. James Blanchard, Director

HIGHLIGHTS

The level of activity in the Centre for Global Public Health (CGPH) during the last year has been significant with several important accomplishments achieved during the year.

We continue to actively seek funding opportunities in our four focus countries: India, Nigeria, Pakistan, and Kenya. In India, supplementary funding was provided by the Bill & Melinda Gates Foundation to complement the previous year’s funding of the Technical Support Unit (TSU) for reproductive, maternal, neonatal, and child health (RMNCH) in the state of Uttar Pradesh in North India. This funding will provide technical support to strengthen and enhance the uptake of family planning services.

Additional funding was also provided to support the Government of Uttar Pradesh (GoUP) for demand generation of health services, and to support the TSU and GoUP to work across elite and vernacular media to help prioritise RMNCH activities among all stakeholders in the state. In total, additional funding totaling $21,500,000 was received to support these supplementary initiatives, bringing the total funding of the Uttar Pradesh TSU to $43,550,000.

Further funding was received from the Gates Foundation to build capacity among public and private frontline workers, in addition to health care providers at lower level health care facilities, in the identification, management, and appropriate referral of children with pneumonia and diarrhea.

This project will also be anchored within the existing TSU and will leverage the close relationships established by the TSU with the GoUP.

In Pakistan, a Grand Challenges project was funded for testing the efficacy of a low-cost evidence based toolkit and parenting program aimed at improving brain development caused
by severe neonatal insults in a rural setting of Pakistan.

In Kenya, work continues on the project designed to enhance the impact of HIV prevention programs, which is also structured as a Technical Support Unit project.

Also in Kenya, the Department of Foreign Trade and Development (DFATD) project aimed at critical health care and nutritional needs to improve maternal, neonatal, and child health entered its third and final year.

In Nigeria, the World Bank–funded HIV prevention project continues, using a program science technical support approach.

In the seven years since the inception of the CGPH in 2008, our geographic scope has expanded, as has our diversity and breadth of projects. To clarify, unify and formalise the goals and objectives of the CGPH, a blueprint document was developed which will assist us in moving towards a more efficient management structure, more effective management of programs, and continued successful work.

The blueprint document identifies the main goal of CGPH as improving health equity globally, being achieved through our work as a committed global team, using a coherent strategy. In the coming years, we are committed to working towards implementation of the concepts and ideas identified in the blueprint document, with the final document serving as a roadmap for future activities.

Achievement of our long-term objectives can only be realised through meaningful and sustained engagement with partners in the places and countries in which we work.

The operational structure will include the development of global teams comprised of a range of technical experts from CGPH, the country programs, and our collaborators; it will help support the country programs through the provision of technical and managerial support.

At the country level, for each country program, a country core team led by a country coordinator will develop the strategic and annual work plans for the country activities, identify funding opportunities, and coordinate with the CGPH global team. The country core team will also identify key knowledge translation priorities and interact with CGPH global teams for planning, support, and project development and for coordinating activities.

The country plans and the support required will then shape the central CGPH operational plan, directly influencing the budgets, staffing, and infrastructure required for the global teams and offices.

**COMMUNITY ENGAGEMENT ACTIVITIES**

In November 2014, a high level planning meeting was organised, with the goal of establishing a consortium that would promote Manitoba’s role in improving maternal newborn and child health in Canada and globally.

In partnership with the Manitoba Institute of Child Health, invitations were extended to federal government representatives, University of Manitoba faculties, Bill & Melinda Gates Foundation, Red River College, Healthy Child Manitoba, the Children’s Hospital Foundation of Manitoba, Research
Manitoba, and several Manitoba non–profit organisations.

The goal was to identify priority areas where Manitoba could provide leadership in global MNCH efforts, as well as a strategic plan that would lay the foundation for Manitoba’s MNCH work.

Topics presented included The Government of Canada’s MNCH strategy, an overview of Manitoba contributions to improving MNCH, an overview of the Bill & Melinda Gates Foundation Global MNCH strategy, and a roundtable discussion on how Manitoba can enhance Canada’s role and impact in improving MNCH.

As part of CGPH’s global community engagement activities, a group of University of Manitoba faculty and staff were able to visit several remote project locations in Kenya. These visits were in conjunction with the annual review meetings for the DFATD sponsored project “Meeting critical health care and nutritional needs to improve maternal neonatal and child health in vulnerable African populations”. Several farms and homesteads were visited where project personnel were able to discuss challenges related to farming, as well as issues related to maternal and child health arising from living in rural locations.

KNOWLEDGE TRANSLATION

In May 2014, the Centre for Global Public Health hosted a symposium entitled Strategies for Improving Maternal, Newborn and Child Health, with the goal of sharing key strategies and lessons from global MNCH experience.

In conjunction with the Manitoba Institute of Child Health, we were very pleased to welcome Dr. Zulfiqar Bhutta as the keynote speaker. Dr. Bhutta is a foremost authority on global child health and brings a wealth of experience as a researcher, program implementer, and global policy leader.

To provide further expertise in the area of MNCH, we were excited to welcome a delegation from India, to present on their work and experiences in Uttar Pradesh. Dr. Amit Kumar Ghosh, Mission Director, National Health Mission, Uttar Pradesh, India, was able to share his experiences in his presentation Roadmap to Accelerating the Reductions in Maternal and Infant Mortality in Uttar Pradesh. Dr. B.M. Ramesh, Director, Monitoring and Evaluation, India Health Action Trust, India, presented on the topic Maternal, Newborn and Child Health Facility Mapping and Technical Support Units in Karnataka and Uttar Pradesh. Dr. Jayanna Krishnamurthy, Director, Sukshema Project, Karnataka Health Promotion Trust, provided insights into Nurse Mentoring in Maternal, Newborn and Child Health. Mr. H.L. Mohan, Director, Community Mobilisation and Communications, Karnataka Health Promotion Trust, presented on the topic Community Strategy/Front Line Workers in MNCH.

In September 2014, we were happy to host a visit by the Health Secretary, Uttar Pradesh, India. During the visit, faculty of CGPH gave presentations on their areas of interest, as well as an update on an ongoing project in Kenya and Ukraine being led by Dr. Marissa Becker. As part of the visit, meetings were arranged with senior University of Manitoba administration officials, including Dr. David Barnard, President, University of Manitoba, and Dr. Digvir Jayas, Vice–President (Research and
International). Meetings were also arranged with officials at Manitoba Health and the Winnipeg Regional Health Authority. Although the visit was short, it proved very productive and informative, with a good bilateral exchange of ideas and experiences.

**FACULTY**

Dr. James Blanchard, Director; Dr. Stephen Moses, Associate Director; Dr. Lisa Avery; Dr. Marissa Becker; Dr. Maryanne Crockett; Dr. Faran Emmanuel; Dr. Shiva Halli; Dr. Robert Lorway; Dr. Nancy Yu

**RESEARCH ASSOCIATES**

Dr. Eve Cheuk; Dr. Deepa Sankaran

**STUDENT RESEARCH ASSISTANTS**

Ms. Claudyne Chevrier; Ms. Elsabe du Plessis; Ms. Leigh McClarty; Mr. Dessalegn Melesse; Mr. Souradet Shaw; Ms. Laura Thompson

**STAFF**

Ms. Doris Kuzma, Senior Program Manager; Ms. Carol Sigurdson, Administrative Assistant; Ms. Lynn Gauthier, Office Assistant; Ms. Stella Leung, Programmer/Analyst; Ms. Aruni Tennakoon, Programmer/Analyst; Mr. Henry Dyck, Information Technologist

*Field Trip to Kenya. The woman in the photographs is a recipient of the Farm Inputs supplied under the Centre for Global Public Health, Department of Foreign Affairs, Trade, and Development project in Kenya.*
COMMUNITY ENGAGEMENT

Dr. Sharon Macdonald, Director
Karen Cook, Project Manager

Allan Klass Memorial Program for Health Equity

Dr. Sharon Macdonald, Director

The Alan Klass Memorial Program for Health Equity is funded annually by The Tolkien Trust and, as of 2014, the funding and activities have been expanded. The activities of the program aim to stimulate medical students with faculty support to engage with the community around the Bannatyne campus, Indigenous peoples, groups experiencing discrimination or marginalisation, and to explore low resource areas. The Alan Klass Program pursues opportunities for additional funding, cost-sharing, and in-kind donations.

A number of faculty members contribute to the College’s commitment in these areas. Dr. Sharon Macdonald sits on the governing College of Medicine Executive Committee for the UGME program and teaches in the population health component in the Department of Community Health Sciences. In the UGME new curriculum, Dr. Anne Durcan leads the social accountability theme and contributes to international health and Dr. Deborah McPhail leads the focus on diversity and key populations. Dr. Sande Harlos has developed teachings around social determinants of health and health equity. Dr. Robert Chase contributes to international health teaching and supervises students. Dr. Bruce Martin chaired a committee pursuing changes to the College admissions to support applicants with lived experience of poverty. Other faculty members contribute in various ways.

The Alan Klass Program supports many of the community activities noted in the following report regarding Community Engagement. Some include the successful introduction of local bus tours and social services agency visits for all students in health professions during orientation; development of a new longitudinal course based in community agencies for medical students; the Winnipeg Interprofessional Student Health Clinic (WISH); Indigenous and northern students participation in the Biomedical Youth and CANU programs; and the student-led Jacob Penner Park After School Drop-In Program.

The Alan Klass Program sponsors the speaker for the White Coat Ceremony to the incoming class of medical students; Dr. Daniel Klass delivered the August 2014 address. In September 2014, Dr. Kathleen Foley addressed medical students and a large audience in the Brodie Centre on the topic of assisted suicide; the Alan Klass Program cost-shared that event.

Dr. Alan Klass Travel Awards went to 12 medical student recipients. Students’ travel experiences were enhanced this year through collaboration with the Student Life Office at the University of Manitoba on pre-departure preparations and planning for Tanzania bound travelers. The four students traveling to Tanzania worked with the Canadian Physicians for Aid and Relief (CPAR) organisation and local clinics in Bunda. The aim is to develop this site as an ongoing CPAR/university joint venture. Students reported back through a written paper and a short oral presentation in late autumn to their mentors and Dr. Daniel and Georgia Klass.

Funding for travel awards is matched by the Manitoba Students Bursary.
Initiative and is available to support students in leadership, advocacy and matters related to health equity. Seven students travelled to Indigenous health conferences and leadership workshops and meetings.

Support for research into health care for underserved populations and health equity has been integrated into the Bachelor of Science in Medicine (BSc Med) Program in 2014. The 2014 recipients were:

- Adam Erickson: Year 2 BSc Med. Project Title: To review and describe the substance use patterns among individuals enrolled in HIV care in Manitoba
- Joelle Michaud: Year 1 BSc Med. Project Title: A Retrospective Study of Pregnant Women in Norway House Manitoba—How many women would have been considered low risk and appropriate to be offered delivery in the community had services been available?
- Marina Roundtree–James: Year 1 BSc (Med). Project Title: Assessing Transpeople’s Experiences of Healthcare in Winnipeg: A Qualitative Study

Community Partnerships and Programs

Mini-University Camps

Taking place at the Bannatyne campus for its third year, Mini–U camp was offered at the Joe Doupe gymnasium for youth attending local area schools from 28 July to 15 August 2014. The camp included recreational and physical activity experiences under the guidance and mentorship of skilled Mini–U staff. Campers also participated in the walking school bus where they were met at their regular schools by UM staff and walked to and from the Joe Doupe gymnasium daily. Healthy snacks were provided and each camper received a Mini–U T-shirt. Thank you to Dr. Lynn Warda and her staff from HSC who provided helmet safety presentations and a custom fit helmet for each participant. Thanks also to UM Bison Children’s Program and Cambrian Credit Union for their support.

Summer Weekend Inner-city Supervised Hoops (SWISH)

The third year of SWISH wrapped up on August 16th with attendance over 200 during the seven–week program. Key partnerships with Colleges of Dentistry and Medicine, Faculty of Kinesiology and Recreation Management, Physical Plant, Parking Services, Joe Doupe gymnasium, Basketball Manitoba, City of Winnipeg and several community agencies and schools collectively help to make this program welcoming and successful. Participants are mentored and supervised by staff recruited from the community and Bison Basketball Program plus several volunteers from various UM faculties. The camp ran on Saturdays from 11 am–5 pm in Parking Lot E, from 5 July 5 to 16 August.
Basketballs for Inner City Kids

In June, 520 basketballs were presented to graduating Grade 6 students from 14 inner Winnipeg schools including, Dufferin, Victoria Albert, Pinkham, David Livingstone, Mulvey, Fort Rouge, Machray, Sister MacNamara, and Wellington. CHS staff and Bison basketball athletes volunteered with the delivery of the basketballs. Students were excited to be a part of this program as BBICK gives them an opportunity to stay active during the summer months. Over 4000 basketballs have been handed out since BBICK began in 2006. Dennis Bayomi was instrumental in developing this initiative and donors support it financially.

Both SWISH and BBICK Basketball Programs are supported in part through an annual staff vs. student's fundraiser. The 3rd annual fundraiser was held on 25 March 2015 in the Joe Doupe gymnasium, with Dr. Postl tossing the ceremonial jump ball. Dr. Heather Dean coached the staff team to an impressive win over the students by a score of 46–38—way to go FHS staff and Coach Dean!! Thank you to our Bison basketball alumni for providing refereeing and scorekeeping duties. A special thank you to all who donated to this worthwhile fundraiser to support inner city basketball. While a final total hasn’t been determined, an estimated amount of close to $3,300.00 was raised. Now that’s team spirit!! Here are the rosters from this year’s event:

STAFF TEAM
- Dennis Bayomi, CHI/CHS
- Philip Dufresne, Biochemistry
- Dr. Mike Isaac, CHS/Regional MOH, MB
- Dr. Don Miller, Pharmacology
- Dr. Michael Routledge, CHS/Chief Provincial PHO
- Dr. Barb Shay, Physical Therapy, Med Rehab
- Dr. Sandra Webber, Physical Therapy, Med Rehab
- Dr. Shawn Bugden, Pharmacy
- Henry Huang, Children’s Health RIM
- Leonard MacWilliam, CHS
- Cris Pescasio, Pediatrics
- Dr. Katinka Stecina, Physiology
- Dr. Elinor Simons, Pediatrics/CHRIM
- COACH Dr. Heather Dean, Pediatrics/CHRIM
STUDENT TEAM
- Jafar Baraty, Pharmacy 1
- Sally Hnatiuk, Respiratory Therapy 2
- Brandon Labonte, Physical Therapy 1
- Chris Lai, Dentistry III
- Kevin Li, Pharmacy I
- Jacob Miller, Med I
- Anna Nguyen, Dental Hygiene II
- Scott Nicholson, Physical Therapy
- Carl Pebanco, Dental Hygiene II
- Christian Peterson, Dental Hygiene II
- Jonathan Przbyl, Occupational Therapy
- Chris Thiessen, Occupational Therapy
- David Truong, Dentistry II
- Naomi Wolfe, Pharmacy I
- Maggie Wen, Dentistry

I Love to Read Month
This year, the Faculty of Health Sciences partnered with four K–6 schools in the area—Wellington, Pinkham, Dufferin, and Victoria Albert—in celebration of “I Love to Read” month. Guest readers from FHS including Dean Postl, staff and students from various colleges helped celebrate literacy in this year’s theme, “Literacy is a Human Right.” Thank you to the following readers who supported children’s literacy during the week of February 23–27:
- Dr. Brian Postl, Dean, College of Medicine, Dean & Vice–Provost, Health Sciences
- Dr. Barbara Shay, Associate Professor and Department Head, Physical Therapy
- Paulette Collins, Community Health Sciences
- Uliana Kovaltchouk, Med 1 student
- Dr. Anita Ens, Department of Medical Education, College of Medicine
- Dr. Virginia Fraser, Faculty Lead, PGME
- Amanda Penzick, Centre for Aboriginal Health Education,
Community Health Sciences

- Chelsea Jalloh, Community Health Sciences
- Taylor McVannel, Pharmacy student
- Dr. James Gilchrist, Professor, Oral Biology, College of Dentistry and Director, BYP Program
- Janice Linton, Neil John Maclean Library
- Mark Smith, Manitoba Centre for Health Policy, Community Health Sciences
- Liz Keeper, Dentistry student
- Jihyn Han, Dentistry student
- Deborah Young, Executive Lead, Indigenous Achievement
- Brenda Tate, community volunteer
- Sara Matyas, Med 1 student

Pathways to Education

Indigenous inner city high school students registered in a nearby after-school program, Pathways to Education, participated in a mentorship event in March 2015. The evening was hosted by Indigenous post-secondary role models to discuss the journey to a university education. In keeping with Indigenous tradition a feast followed the discussion.

Opportunities for Bannatyne Students

Many of the opportunities for students to participate in local engagement have become more inter-professional with the amalgamation of the Faculties of Dentistry, Medicine, Nursing, and Pharmacy and the School of Medical Rehabilitation into one Faculty of Health Sciences. The orientation tours in the autumn are one example where it was suitable to have an inter-professional mix of students visiting the community together.

Orientation Week Activities

A total of 637 new Nursing, Medical Rehabilitation, Medicine, Pharmacy, Dentistry, Dental Hygiene, and Physician Assistant students attended the tours and visited community agencies such as: Immigrant and Refugee Community of Manitoba, Pathways to Education, and North Point Douglas Women’s Resource Centre. The tours were provided so students can become familiar with the diverse Bannatyne community and see the opportunities for learning beyond the classroom. Many of the agencies visited rely on volunteers to support the delivery of programs and services. Thank you to all the tour facilitators, agency hosts, and UM staff who ensured interesting tours.

Global Health Concentrations Program

Now in its third year, this student-led, faculty supported group explores health issues in low resource communities through self-study and local and global engagement. The GHCP group included 65 Med I and II’s in 2014–15. This group alone accounted for 2,080 volunteer hours in the community. Opportunities for GHCP medical students are supported through the Alan Klass Memorial Health Equity Program. CHS also supported the group administratively through agency development, logistics, and financial resources. Students who complete the two-year commitment receive a mention on their Dean’s letter upon graduating from Medical school.

Community Health Information and Research Partnership (CHIRP)
A group of Bannatyne graduate students have recently developed a framework for a campus–community partnership to provide research, evaluation, and other program supports to non–profit organizations. Dr. Keith Lowe, Dr. Sharon Macdonald, and Karen Cook have worked with this group. Students who volunteer with CHIRP receive co–curricular recognition on their transcript in the areas of volunteerism and leadership. The students came together two years ago and are now actively accepting requests from community based agencies. CHIRP builds sustainability into its program by actively recruiting new UM students on a regular basis. Faculty support is important and opportunities for expansion will occur.

CANU-REACH (Canu)

While this program has been operating at the Fort Garry campus for the past four years, Canu expanded to include health science exposures for 45 Grade 7 youth from local schools. Each Thursday for 13 weeks, participants arrived at Bannatyne campus after school and took part in various activities developed and facilitated by FHS student volunteers. Providing logistics, recruiting of FHS student volunteers and scheduling of programs was led by Shilpa Alex and Lauren Martens, two second year medical students. Thank you both for all your hard work and dedication to the Canu students!

The participants were excited to arrive each week and enjoyed the various stations at Colleges of Medicine, Pharmacy, Dentistry/Dental Hygiene, and Medical Rehabilitation. Close to 70 FHS students volunteered with the Canu program and provided interesting, fun, and educational activities each week. Thank you to all who took time out of their busy schedules to interact with the community youth—it is much appreciated!!!

The wrap–up for the Canu program was held on February 12th and was attended by FHS student volunteers, Canu staff, teachers, community, and families of participants. FHS students spoke of their time volunteering with the Grade 7 participants from local junior high schools, indicating their enthusiasm for sharing their experiences as students studying in the health sciences. Thank you to Roger Berrington, Executive Director of Canu and his staff and all volunteers for making this first FHS session a success!
Supporting Healthy Communities

BIOMEDICAL YOUTH PROGRAM
Dr. Francis Amara, Director
(Founder and Director until December 2014)
Dr. James Gilchrist, Director
(Since January 2015)

In January 2015, Dr. James Gilchrist took over as the new Director of the Biomedical Youth Program, succeeding Dr. Francis Amara. Dr. Gilchrist is a full professor in the College of Dentistry, Faculty of Health Sciences at the University of Manitoba. Dr. Gilchrist's vision is to enhance community accessibility to the University of Manitoba, ongoing development of the Biomedical Youth Program through the development of a working committee of colleagues and creating opportunities for youth to explore science. He works closely with Dr. Sharon Macdonald and Karen Cook on Community Engagement in FHS.

For over three decades Dr. Gilchrist has pursued research interests in heart and muscle adaptations to exercise and disease. Following undergraduate Sport Science training in Liverpool UK, Dr. Gilchrist obtained M.Sc. (Alberta) and PhD (UBC) degrees before coming to St–Boniface Hospital Research as a research fellow and a Research Scholar of the Heart & Stroke Foundation of Canada.

Dr. Gilchrist fulfills his passion for pedagogy through teaching and coordinating courses in human physiology, nutrition, anatomy, and biochemistry to undergraduate Dental students and in communication skills for graduate and postgraduate research trainees. He has organisational and administrative involvement in university–based research, ethics, and academic affairs with experience in both Senate and the Faculty Association at the University of Manitoba. His passion for teaching and supporting others' success is reflected in his commitment to community service. He has served at School Science fairs as both mentor and judge and has a longstanding history of community volunteerism as a coach and executive board member of youth soccer programs in Winnipeg.

The BYP Program once again hosted the summer camp and Winnipeg School Division Science Fair. There were also some changes at the Inner City Science Centre and in the directorship of the program. In his role as founding director, Dr. Amara was a visionary in growing a successful program. He nurtured relationships with schools, volunteers, and people in the community. He continues to support the BYP's goals.

Dr. James Gilchrist took over as Director of the Biomedical Youth Program in 2015. Building on these contributions, the intent is to ensure that the BYP continues to provide opportunities for youth in low resource areas to explore science and health disciplines in a fun, interactive way.

BYP Summer Camp at Bannatyne

Ninety Grade 4-12 students arrived at the Brodie Centre for the annual BYP Summer Camp from July 21 – 25th. Camp participants were recruited from the community and nearby schools. Donning their white lab coats for the week, students were ready to learn and participated in sessions that included:

- Blood typing
- Fluorescent microscopy
• Immunological techniques
• Basic anatomy
• DNA extraction and separation
• Fingerprint analysis
• Medical simulation
• DNA structure and function
• Fundamentals of medical rehabilitation
• Cell function dynamics
• Protein analysis and biochemistry
• Neuropathology
• Cell culture

Students and staff from FHS and other UM faculties, as well as community and industry members volunteered during the camp to facilitate the interactive sessions. BYP partnered with the UM’s ACCESS Program to include students from the north to participate in the camp as well. ACCESS and BYP staff will once again work together for the summer 2015 camp session.

BYP Northern Camps

In addition to the camp held at Bannatyne July 21–25th, CHS worked with former BYP volunteer instructors and schools in Cranberry Portage, Flin Flon, and Moose Lake to facilitate two separate camps in early July for 42 participants. While the program followed the BYP curriculum, it added Art/Drama and Indigenous culture components. Hats off and thank you to Ben Salins who initiated this and provided leadership. Ben is an Occupational Therapist with Northern Regional Health Authority and former BYP volunteer and UM graduate (2011). He liaised with schools and organisations in the north to make the camps successful. An anonymous donor provided support without which these vents would not have happened.

For students not able to participate in either of the camps above, Dr. Francis Amara organised a half–day science camp on separate days (10 am–2pm) at the Bannatyne campus for middle
year school kids (Grade 6–8) from Niji Mahkwa, Gladstone, and Hugh John Macdonald schools. Three half–day sessions were held in June 2014. In the Skills Lab, participants were engaged in microscopy and examined prepared slides and then participated in a tour of the Clinical Learning and Simulation Lab. There were 30 students participating and two support teachers from each school.

Winnipeg School Division Science Fair

Close to 400 students arrived on the Bannatyne campus on the 9th of April 2014 for the 44th annual Winnipeg School Division Science Fair. This was the second year that Bannatyne hosted this event. Over 100 judges (many from FHS staff and students) evaluated the exhibits for their originality, creativity, effective presentation, and display of scientific knowledge. The University of Manitoba provided the Science Innovator awards to:

- Atticus McIlraith, J B Mitchell School
- Mackenzie Wong, Grant Park
- Elisha Corsiga, Sisler High
- Angela Vitoria, Sisler High
- Amanda Wong, Grant Park
- Dareen El–Sayed, Kelvin High

Inner City Science Centre (ICSC), Niji Mahkwa School

In December 2014, the ICSC received funding for a full–time lab teacher and lab assistant through the Winnipeg School Division. This contribution will ensure that the lab is staffed at all times to welcome schools and teachers to the facility to explore and learn about science in the state of the art lab classrooms.
WINNIPEG
INTERPROFESSIONAL
STUDENT RUN HEALTH CLINIC
(WISH Clinic)
Bre Woligroski, Clinic Facilitator

WISH is making a difference. In 2014–2015, a team of over 200 students logged more than 2,500 volunteer hours, providing health engagement programming and clinical care to Point Douglas residents while gaining interprofessional experience and education. Over 3,500 patrons have passed through the doors this year, engaging with student volunteers and accessing healthy foods, healthy programming, and other health related resources. WISH provided direct Clinical Care to 160 patients in an atmosphere that is supportive, positive, and culturally informed in a context where students are constantly learning from each other and from the community.

Students from nine different faculties and programs including Medicine, Nursing, Pharmacy, Occupational Therapy, Physical Therapy, Dental Hygiene, Agriculture, Science, and Arts work together to coordinate our programs. Approximately 380 student clinical experiences were hosted, where learners participated under the guidance of mentors in providing clinical services to patients in health areas such as sexual and reproductive health, wound care, cold and flus, addictions, rashes and ailments, and others. In the Community Room students came together to distribute healthy food, host health engagement programming, assist patrons in health service research, and learn about the social determinants of health within the context of Point Douglas.

Clinical Care

Delivering client–centred health care while providing interprofessional education for student volunteers is central to the WISH Clinic mission. WISH operates at the host Clinic, Mount Carmel, on Sunday afternoons, allowing expanded after–hours care for the population. WISH Clinical services operated for a total of 88 hours: 4 hours per shift for a total of 22 shifts in which clinical services were offered. In addition, 81 hours of community drop–in programming was offered: 3 hours per shift for a
total of 27 shifts.

Students and mentors provided direct clinical care to 86 walk-in patients and were able to provide 104 immunizations and consultations at our three immunization clinics, for a total of 190 clinical cases. Approximately 380 student experiences were involved in providing this care, and in each case worked closely with students and mentors of different programs.

Influenza Clinics

In 2013 WISH organised their first Flu Immunization Clinic onsite at Mount Carmel Clinic. This year, in partnership with the WRHA, WISH was able to expand the offerings by offering a total of three community flu clinics: one at Mount Carmel Clinic, one at North Point Douglas Women’s Centre, and one at Daniel Macintyre Community Association. A team of interprofessional students meticulously worked out the details and needs of these unique clinics, working with mentors to create a detailed educational module for students, planning the clinics with partner sites, and being involved in every facet of each clinic from advertising and outreach to staffing the recovery room. The clinics were a success; 74 patients were immunized at the Mount Carmel Clinic site and 26 others at the two other clinics.

The experience of planning and executing the clinics was invaluable to students, and WISH looks forward to continuing this partnership and this programming next year.

Community Health

WISH is an extracurricular experience and, as such, all programming is done with volunteer endeavours or classroom placements. This year a full schedule of health engagement programming was offered to patrons. In order to ensure maximum impact, programming is accessible, inclusive, and as diverse as possible. WISH utilises displays and games for the health fairs, food demonstrations, hands–on workshops, crosswords, educational bingo games, and a Teddy Bear Clinic to engage patrons in health promotion.

WISH also reaches outside of the Clinic space in order to maximise impact. WISH hosted a Sports Day at David Livingston School, an elementary school in the area. WISH once again provided an annual community Picnic, which included a Teddy Bear Clinic, a fun and effective way to provide health education for families with young children. In addition, WISH provided two outreach immunization clinics in locations apart from MCC.

Community Health

In addition to offering 27 onsite shifts, WISH strives to provide health engagement programming in other community contexts. This year a Holiday Party, a Family Fun Day Picnic with a Teddy Bear Clinic, a Sports Day at a local school, and two outreach immunization clinics were offered.
WISH volunteers also provided First Aid services at Picnic in the Park and the Selkirk Aboriginal Day Celebration. WISH works closely with the North End Community Helpers’ Network, Mount Carmel Clinic, and the WRHA to ensure integration of resources into the larger community.

### Looking Forward

Student Executive members and WISH students are active, engaged and working to increase capacity in the offerings. This coming year improvements in Sunday programming are taking place by adding new service teams, providing expanded programming days, and improving Clinic flow. A special crisis response team is being created to better respond and learn from conflict or urgent situations. Active recruitment for clinical mentors is taking place to increase clinical capacity and further improve the student learning experience.

#### WISH Clinic Mentor Shift Distribution by Profession

<table>
<thead>
<tr>
<th>Profession</th>
<th>Mentors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medicine</td>
<td>17</td>
</tr>
<tr>
<td>Nursing</td>
<td>26</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>18</td>
</tr>
<tr>
<td>Dental Hygiene</td>
<td>2</td>
</tr>
<tr>
<td>Physical Therapy</td>
<td>1</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>45</strong></td>
</tr>
</tbody>
</table>

#### WISH Clinic Volunteer Shifts Distribution by Field of Study

<table>
<thead>
<tr>
<th>Field of Study</th>
<th>Volunteer Shift</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dental Hygiene</td>
<td>47</td>
</tr>
<tr>
<td>Human Ecology</td>
<td>148</td>
</tr>
<tr>
<td>Medicine</td>
<td>113</td>
</tr>
<tr>
<td>Nursing</td>
<td>69</td>
</tr>
<tr>
<td>Occupational Therapy</td>
<td>24</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>128</td>
</tr>
<tr>
<td>Arts</td>
<td>9</td>
</tr>
<tr>
<td>Science and Other</td>
<td>36</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>509</strong></td>
</tr>
</tbody>
</table>

Total for year (27 Clinics, Holiday Party, Family Fun Day Picnic)

### Client Age (Years)

<table>
<thead>
<tr>
<th>Client Age (Years)</th>
<th>0-20</th>
<th>3-12</th>
<th>13-20</th>
<th>21-30</th>
<th>31-64</th>
<th>65+</th>
<th>All Ages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>22</td>
<td>157</td>
<td>50</td>
<td>295</td>
<td>621</td>
<td>67</td>
<td>1106</td>
</tr>
<tr>
<td>Female</td>
<td>24</td>
<td>196</td>
<td>65</td>
<td>317</td>
<td>664</td>
<td>37</td>
<td>1303</td>
</tr>
</tbody>
</table>

**Total Number of Patrons** 2612

+200 Estimated Attendance at Immunization Clinic, 750 Estimated Attendance at Family Fun Day Event, 162 at Holiday Party, 18 at Davind Livingston, and 13 at the Wellness Event 3592

Total Number of Patrons Accessing Clinical Services (97 walk-in +64 Immunization Clinic) 190
CRITICAL SOCIAL SCIENCE GROUP

DR. SHARON BRUCE: Sharon Bruce continued her partnership with the Sandy Bay Ojibway First Nation. The main research activity is development of a diabetes prevention intervention. Dr. Bruce’s research with Sandy Bay is governed by the Sandy Bay Diabetes Advisory Group, which is co–chaired by Mrs. Joanne Roulette (Director, Sandy Bay Health Centre), Ms Virginia Lukianchuk (Assistant Director, Sandy Bay Health Centre), and Sharon Bruce. The Advisory Group met monthly over the past year for research planning purposes, analysis and interpretation of data, and preparation for dissemination activities. One of the goals of the diabetes prevention intervention has been to incorporate the intervention into Health Centre programs with the aim of increasing chances of sustainability. As such, Dhiwya Attawar and Dr. Javier Mignone led the Advisory Group in an utilisation–focused evaluation of Health Centre diabetes related programming. Presentations at international conferences by the research team have been made based on the findings (see below). The evaluation research allowed the group to identify strengths and gaps in diabetes prevention, care, and treatment and facilitated decision making on the focus and goals of the intervention. The next phase of data collection involves broader segments of the community to derive their input on the components of the intervention.

Dr. Bruce’s other main research activities include national studies on cardiovascular health (Alliance for Healthy Minds and Hearts), maternal–child health (Aboriginal Birth Cohort), and improving health services for women with HIV (CHIWOS–PAW).

Dr. Bruce’s students have had great success this year:

• Andrea Bombak successfully defended her dissertation and is a recipient of the University of Manitoba Distinguished Dissertation Awards and has been nominated for the Canadian Association for Graduate Studies (CAGS) Distinguished Dissertation Awards. Dr. Bombak has accepted a post–doctoral position with Dr. Heather Hanson at the University of Calgary beginning June 2015.

• Natalie Riediger successfully defended her dissertation and is the recipient of the Governor General’s Gold Medal that she received at the May convocation. Dr. Riediger also received the prestigious E. L. Drewry Memorial Award for her poster presentation at the Canadian Student Health Research Forum (June 2014). Other awards received this year included the St. Boniface General Hospital Foundation Inc. Award for her presentation at the 2nd Cardiovascular Forum for Promoting Centers of Excellence and Young Investigators (Sept 2014); a CIHR Institute of Circulatory & Respiratory Health Exceptional Poster Presentation award; a CIHR Institute of Circulatory & Respiratory Health Exceptional Abstract award; a CIHR Institute of Circulatory & Respiratory Health Exceptional Poster Presentation award; a CIHR Institute of Circulatory & Respiratory Health Exceptional Abstract award; a CIHR Institute of Circulatory & Respiratory Health Exceptional Poster Presentation award; and a travel award from the Organisation for the Study of Sex Differences Travel Award, 2014.

• Andrea Blanchard successfully defended her MSc thesis and has been accepted into the PhD program at the Institute of Global
Health of University College London (the UCL). In addition Andrea is the recipient of the Overseas Research Scholarship and Graduate Research Scholarship which cover overseas tuition, a living expenses stipend and research allowance. These awards are renewable for three years of the program. She also received the London Goodenough Association of Canada's scholarship which provides accommodations in London and a bursary.

• Part–time students (and full–time professionals and parents) Kirsten Bourque and Thomas Steur each completed MSc coursework and will defend their MSc thesis proposals in the summer of 2015. Huge accomplishments in busy lives.

Andrea Blanchard, MSc
Thesis: “A Community–based Qualitative Study to Explore the Experience and understandings of Intimate Partner Violence among Female Sex Workers and their Intimate Partners in north Karnataka, India”
Defense: 25/03/2015

Natalie Riediger, PhD
Thesis: “Characterizing cardiovascular risk in a Manitoba First Nation”
Defense: 17/12/2014
Award: Governor General’s Gold Medal
Andrea Bombak, PhD

Thesis: “Obese individuals’ perceptions of health and obesity and the lived experience of weight loss, gain, or maintenance over time”.

Defense: 31/10/2014

Award: Distinguished Dissertation Award

GRADUATE STUDENTS

Ongoing
Kirsten Bourque, MSc
Thomas Steur, MSc

UNDERGRADUATE STUDENTS

Kirsten Clark, MED II Summer Research Program

Project: “Fasting triglycerides as a predictor of incident diabetes, insulin resistance, and beta-cell function in a First Nation population”.

Award: MED II Summer Research Award for Outstanding Clinical Research Project ($500)

Co-Supervisors: Natalie Riediger, Barry Lavallee, Annie Richard (Sandy Bay First Nation), Joanne Roulette (Sandy Bay First Nation)

DR. S. MICHELLE DRIEDGER:
During the 2014–15 fiscal year, Dr. Driedger continued to advance her research programs in risk communication and decision making in conditions of uncertainty. For her CIHR and Research Manitoba supported research project investigating the public health responses to pandemic influenza, analysis of data is ongoing with final writing up of results currently under way. With a number of papers already published out of this study, and several more journal submissions anticipated over the coming year, this study has been and will be yielding a wide spectrum of valuable outcomes. Study results will substantially contribute to understanding the challenges of pandemic communication in particular (and risk communication and trust more generally) while providing useful tools and insights to address them. For her other major research field of inquiry — examining how the public and health care professionals handle situations of health risks when characterised by considerable uncertainty and a lack of information (supported by the Canadian Cancer Society, the Multiple Sclerosis Society of Canada, and the MHRC) — data collection has been completed. Test case scenarios are looking at screening programs for breast and prostate cancer, where such procedures can at times do more harm than good, as well as more controversial treatment procedures for multiple sclerosis. Findings are currently being analysed and results are now being prepared and submitted to journals for publication. Results will provide valuable tools for healthcare professionals and public health officials to navigate situations of uncertainty.

Dr. Driedger continued to serve as an invited member of a Council of
Canadian Academies Expert Panel on Effective Health Risk Communication. Role: to assess the ways in which the effectiveness of health product risk communications can be measured and evaluated. The Council of Canadian Academies (CCA) is an independent, not-for-profit corporation that supports science based expert assessments to inform public policy development. CCA has formed this multi-disciplinary expert panel in response to a request from the Minister of Health on behalf of Health Canada. In the upcoming year, the Council will publish this Panel’s expert assessment deliverable on health product risk messaging.

DOCTORATE STUDENTS
2001-Present
Sullivan, Theresa, PhD
Individual Interdisciplinary Studies, Examining clinical reasoning among Occupational Therapists

Cooper, Elizabeth, PhD
Community Health Sciences, Positioning Priorities: Safety and Wellbeing among Metis Mothers in Winnipeg, MB

MASTER STUDENTS
2012-2015
Dassah, Ebenezer, MA
Environment and Geography, Medical Tourism: Examining Implications for Patients with Multiple Sclerosis and Liberation Therapy in the Canadian News Media

2009-Present
MacKinnon, Shauna, MA
Environment and Geography, Cultural Understandings of Risk: Metis Perspectives on Pandemic H1N1 Management in Manitoba

BSc MED SUMMER RESEARCH INTERNSHIP
2012-2014
Zachary Corso, MD
Medicine, Managing uncertainty in clinical decision-making contexts around cancer control scenarios: A qualitative evaluation

KNOWLEDGE TRANSLATION PRODUCTS
As part of Integrated KT Projects

STAFF

Gary Annable (2011 to present), Ryan Maier (2012 to present)

DR. JOSEPH KAUFERT: Dr. Kaufert continued his role in the undergraduate medical program as course leader for cross–cultural reproductive health, health equity, and social/cultural dimensions of infectious disease and risk communication. He has been involved in redeveloping sessions on food security, immigrant and refugee health and disability, and independent living in the community. He continued his significant contributions to the graduate program this past year teaching two graduate seminars in research ethics and lecturing other graduate courses in the areas of public health history, qualitative methods, and public health ethics. He has been active with research projects in First Nations health issues, specifically as co–PI on a project about relocation to Winnipeg from northern reserve communities for renal dialysis, and on projects related to research ethics and disability issues in health care access. He continues to participate actively in the activities of the Manitoba First Nations Centre for Aboriginal Health Research. Drs. Joe and Pat Kaufert are writing up data from the five-year “Situating the Human Subject” project with the University of British Columbia that focuses on the structural and cultural relationships that play out in the negotiation of “ethical relationships” between all participants in the research process.

Dr. Joe Kaufert was appointed to a two–year term (2014–2016) as a member of the Public Health Ethics Consultative Group, an advisory body for the Public Agency of Canada. The body provides ethical guidance and recommendations to the Agency encompassing ethical and policy issues in public health response and measures, surveillance and epidemiology, distribution of immunization resources, and public health priorities. He previously served from 2010 to 2012 as a member of the Chief Public Health Office’s Ethics Advisory Committee that worked on theoretical and policy development focusing on priorities and risks of defining vulnerability in the context of public health emergencies and pandemics, issues of equity in public health, ethics of prioritization, and sequencing of vaccine distribution. His work in this committee focused on the public health ethical frameworks as they relate to Indigenous communities and issues of research participation and ethical protection of diverse communities.

He is currently involved in a final development of a Public Health Ethics Framework. This framework will provide a tool for decision makers and public health practitioners to guide them through the analysis of the ethical implications of proposed policies, health programs, and research interventions. The draft statement is not intended to provide an alternative code for public health practice, but to provide a tool for clarification of individual and community values and weight policy options.
Dr. Kaufert presented papers nationally and internationally.

**DR. PATRICIA KAUFERT:**
Although officially "retired", Dr. Kaufert is appointed as a Senior Scholar and remains active in research, teaching, and mentorship activities.

Dr. Kaufert has worked to facilitate the transition of the graduate course, "Epidemiology of Women's Health" to new members of the department. Over the development of the course Pat Kaufert modified the focus of the course to engage changing research focus on childbirth, health in mid-life, midwifery, and genetic issues in women's health.

This year she was active in her work on the ethical dimensions of engaging community members as research assistants in community-based research.

Drs. Pat and Joseph Kaufert are making significant contributions to research practice through their examination of the potential and realised jeopardy that community research assistants are placed in their dual roles as university (research) employees and community residents.

Their work is novel and significant in that the conflicts of the dual roles have not been previously examined or appreciated. Over the past year, Dr. Kaufert presented papers nationally and internationally.

**DR. ROBERT LORWAY:**

Over the past year, Dr. Lorway has undertaken a number of research–related activities.

He completed the first phase of a CIHR–funded community–based male sex worker study with the local organisation known as HOYMAS, a men's sexual health CBO based in
Nairobi, Kenya.

The community research team presented their preliminary findings in October 2014 before an audience of local, national, and international stakeholders working in the areas of HIV prevention, treatment, and care. A technical report of this phase is currently in preparation.

In 2014, Dr. Lorway was awarded a four-year SSHRC insight grant, with co-investigator Dr. Shamshad Khan (University of Texas, SA), to characterise the life history and legacy of the India HIV initiative known as Avahan.

Dr. Lorway also became a co-investigator on a PrEP feasibility study with Drs. Sushena Reza-Paul and Stephen Moses. This project is funded by the WHO and implemented in close collaboration with two internationally renowned community-led sex worker collectives in India, the Sonaghachi Project (Kolkata) and Ashodaya Samithi (Mysore).

Dr. Lorway has published a peer reviewed book (Namibia's Rainbow Project: Gay Rights in and African Nation, Indiana University Press, 2015) based on his PhD dissertation research, and has completed two scholarly book chapters; one on male sex workers in South India with Shamhad Khan (published in Jan 2015), and the other on ethnography and monitoring and evaluation (in press), with his PhD student Elsabé du Plessis.

Over the last year as a first or senior author, Dr. Lorway has published peer reviewed articles in Social Science & Medicine (2014), Global Public Health (2014), Vaccine (2015), and AIDS Care (in press).

He has been invited to deliver papers at the Canadian Anthropological Society annual meetings (CASCA, May 2015) and the America Anthropological Annual meetings (AAA, Nov 2015), where he has also been requested to serve as a panel discussant. Dr. Lorway has been asked to give a plenary address at the international conference for the Association for the Social Sciences and Humanities in HIV (ASSHH) in South Africa in July 2015.

DR. DEBORAH MCPHAIL: During the last year, Dr. McPhail has continued to develop her burgeoning research program (Dr. McPhail was hired September, 2012). Her pilot study “Reproducing Stigma? Obese Women’s Experiences of Reproductive Care,” funded by a URGP grant, has now wrapped up and has resulted in three manuscripts currently in preparation. This study has also resulted in a successful CIHR Operating grant application, and Dr. McPhail is currently gathering data for this national study on “obese” women’s and trans people’s experiences of healthcare while attempting to become pregnant. Dr. McPhail is also in the midst of two other qualitative studies: “Assessing Healthcare Experiences for Lesbians and Queer Women in Winnipeg”; and “Assessing Healthcare Experiences for Transpeople in Winnipeg.” The latter is undertaken with her Bachelor of Science in Medicine student, Marina Rountree-James. Both of these LGBTTQ-centred projects are community driven and/or partnered, and the intent of them is to help guide the development of medical education with particular emphasis on healthcare delivery for LGBTTQ people. Dr. McPhail is also a co-Investigator on a number of other studies, including Dr. Sharon Bruce’s work in Sandy Bay, and on a Toronto–based project called...

This year, Dr. McPhail also had the opportunity to work on her book on the discursive development of obesity in post–war Canada. The manuscript, with UT Press, has made it through peer review and is currently in press. Also in press with UT Press is a book she co–edited with Drs. Jenny Ellison and Wendy Mitchinson titled Obesity in Canada: Critical Perspectives. This book has also been peer reviewed. Dr. McPhail has co–authored another book, Acquired Tastes: What Canadians Eat and Why they Eat It with UBC Press, which has been released this year. This book was also peer reviewed.

Dr. McPhail recently presented work at the 2015 meeting for the Association of American Geographers in Chicago. This paper was co–written with her student, Anthony Huynh. This year, she also organised a Roundtable on Queer Health in partnership with the Centre for Human Rights Research and the Margaret Laurence Endowment Fund. This roundtable brought together leading scholars, healthcare providers, government representatives, WHRA representatives, and community representatives in the area.

Dr. McPhail currently supervises one postdoctoral student (Andrea Bombak), one BScMed student (Marina Rountree–James), co–supervises two Master’s students (Anthony Huynh and Sidra Jawed), sits as a committee member on three Master’s students and two PhD students. Dr. McPhail has also been appointed the Theme Leader for Gender and Sexual Health for UGME, and, as such, is developing and delivering a significant amount of new content in the area of LGBTTQ health to undergraduate medical students.
The Data Science Platform in the Centre for Healthcare Innovation is comprised of the Biostatistical Group, Computational Biology, and Bioinformatics Group, and Clinical Research Data Group. The Platform facilitates the development, management, linkage, analysis, and visualisation of clinical, administrative, and other data resources for patient-oriented research. The Data Science platform works in close collaboration with the Manitoba Centre for Health Policy to achieve its three-fold mandate of research, collaboration, and training. The Platform's faculty, staff, and students bring expertise in statistics and biostatistics, computer science, information management, and related fields.
bioinformatics, computational biology, public health, pharmacoepidemiology, and health services research methods.

HIGHLIGHTS

- 47 workshops were taught by Platform members or invited speakers;
- $15,265,143 in research funding was awarded to Platform members as PIs, co–PIs, or co–applicants;
- 56 conference presentations were made at national and international events;
- 69 peer–review papers were published by Platform members

OTHER HIGHLIGHTS

- The Data Science Platform was recently awarded a contract to develop on–line tools for monitoring pediatric growth based on the 2014 World Health Organisation (WHO) Growth Charts for Canada. The contract involves the development of a web application for monitoring growth and identifying aberrant patterns, which will be available to families and clinicians across the country.
- Platform members worked with Manitoba Health, Healthy Living, and Seniors to develop provincial, First Nations, and regional health authority population projections to 2042. Multiple scenarios of low to high growth were considered, enabling health regions to examine the potential impacts of population size and structure on care delivery planning.
- The Biostatistics Group hosts a series of training workshops entitled “Advanced Statistical Methods for Clinical Investigators”. In the past year, these multi–day workshops covered the following topics: propensity score methods for non–randomised observational data, mixed–effects models for longitudinal data, and missing data methods.
- The Bioinformatics and Computational Biology hosted the CIHR STAGE (Strategic Training for Advanced Genetic Epidemiology) seminar series. The seminars are designed to expose trainees to high calibre international research while fostering a cohesive research community of genetic epidemiologists, statistical geneticists, and bioinformaticians in Canada.
- To better support residents and fellows as they design and analyze their own research projects, the Biostatistics Group now offers one–on–one or small–group consultations in an informal group environment. By discussing their research ideas with biostatisticians, residents, and fellows are better able to develop a plan to address their research hypotheses. Four open houses have been held to date; the Biostatistics Group is working with Postgraduate Medical Education (PGME) to continue these sessions in the upcoming academic year.
- The Platform supports REDCap (Research Electronic Data Capture), a secure web application designed to support secure data capture for clinical research studies. Monthly introductory workshops are offered to provide researchers with an overview of the potential uses and advantages of REDCap. In addition, more advanced sessions are offered on an intermittent basis, to support researchers who wish to explore REDCap for on–line surveys and
longitudinal investigations.

- The Biostatistics Group offers introductory workshops that target the educational needs of residents and fellows in the College of Medicine. The series focuses on practical issues of research design and data analysis and consists of three lecture/laboratory sessions:
  - Study Design, Sample Size, and Power Calculations
  - Introduction to Data Analysis: The Generalized Linear Model
  - Introduction to Statistical Computing in R

**MEMBERS OF THE POPULATION HEALTH DATA LABORATORY**

- Josie Diato, Research Administrative Coordinator
- Lin Yan, PhD, MPH, Data Analyst
- John Paul Kuwornu, PhD Student and Research Assistant
- Yao Nie, MSc Student (completed in 2014) and Research Assistant (now an analyst with Manitoba Centre for Health Policy)
- Xiuyun Wu, PhD, Post-Doctoral Fellow (completed in March 2015; now at Dalhousie University in a second post-doctoral position)
- Aynslie Hinds, PhD Student and Research Assistant
- Kristine Kroeker, MSc Student and Research Assistant
- Wilfrid Kuoukam, Universite de Bretagne-Sud, Vannes, France, MSc in Statistical Modeling (completed June 2014). Wilfrid completed a six-month practicum with the Labortory in August 2014 entitled: Validation of prediction models for estimating completeness of physician billing claims

**RESEARCH LABORATORY HIGHLIGHTS**

- John Paul Kuwornu (PhD student) continues to be funded by a Research Manitoba Graduate Student Fellowship for the period of September 2013-August 2015.
- Three new PhD students have been accepted to join the Population Health Data Laboratory for Fall 2015. Amongst these, Lixia Zhang was recently awarded a WRTC Award for the 2014/15 academic year.
- Kristine Kroeker (MSc student) was recently awarded a Canadian Network for Advanced Interdisciplinary Methods (CAN-AIM) scholarship valued at $20,000.
- Lisa Lix developed and led a five-day workshop as part of The Fields Institute's (University of Toronto) Thematic Program on Statistical Inference, Learning, and Models for Big Data. The workshop was entitled “Big Data in Health Policy” and was held from 23-27 March 2015. Workshop co-organisers were Therese Stukel (University of Toronto), Sharon-Lise Normand (Harvard University), and Constantine Gatsonis (Brown University). Lisa brought together a diverse range of junior and senior investigators who offered short research presentations and half-day workshops on topics relevant to causal inference in health policy research. Lisa was funded by an Institute Community Support Travel Award from the Canadian Institutes of Health Research’s Institute of Population and Public...
Health to travel to the Fields Institute.
• Lisa Lix organised and chaired a session entitled “Statistical Methods for Complex Administrative Health Data” at the Institute of Mathematical Statistics Asia Pacific Rim Meeting in Taipei, Taiwan in July 2014.

### DR. DEPENG JIANG

Taught CHSC 7820 Biostatistics for Community Health Sciences 1 (Fall 2014) and offered a new 3 credit hour course, Advanced Biostatistical Methods for Hierarchical and Longitudinal Data (CHSC 7600), in the Winter 2015.

Received two external research grants as a principal investigator in 2014 (total of $485,150). As a co–investigator, currently on research team with six external funded grants (with a total over 14 million).

Reappointed as the Biostatistical Consulting Unit group lead within the George and Fay Yee Centre for Healthcare Innovation.

Developed BCU business plan for the next year. Supervised the research and service activities within the unit and conducted training for new junior consultant.

### CURRENT GRADUATE STUDENTS

Ebtihal Ali (Sept 2012–May 2015). M.Sc. in Community Health Sciences
• Thesis: Is caffeine a Risk Factor for Osteopenia of Prematurity?

• Thesis: Adaptive Lasso for Second

### MEMBER OF ADVISORY COMMITTEES FOR GRADUATE STUDENTS

### Current Doctoral Students

Yefeng Wang, Asper School of Business, University of Manitoba. Supervisor: Dr. Zhenyu Wu. PhD in progress, Jan 2015–Current
• Dissertation: TBD. (External Advisory Committee Member)

### Current Masters Students

Kristine Einarson, Department of Community Health Sciences, University of Manitoba. Supervisor: Dr. Lisa Lix. MSc in Community Health Sciences in progress, May 2015–Current.
• Thesis: Statistical Methods for Combining Diagnostic Validity Estimates from Administrative Health Data: Application to Juvenile Rheumatic Disease (Internal Committee Member)

### Completed Masters

Lei Zhang, Asper School of Business, University of Manitoba. Supervisor: Dr. Zhenyu Wu. MSc in Finance completed in December 2014 (External Committee Member)
• Thesis: Family Involvement, Auditing, and Small Business Debt Financing: Evidence from the U.S.

Yao Nie, Department of Community Health Sciences, University of Manitoba. Supervisor: Dr. Lisa Lix. MSc in Community Health Sciences
• Thesis: Latent class analysis with capture-recapture models for estimating population size

MEMBER OF ADVISORY COMMITTEES FOR GRADUATE STUDENTS (CHINA)

Xiaoyan Sun, School of Public Health, Southeast University, Nanjing, China. Supervisor: Dr. Meng Tang. Master of Public Health completed in June 2014.

• Thesis: Investigation and Countermeasures of Pharmaceutical English Teaching in Higher Vocational College of Yancheng

Hongyu Gui, School of Public Health, Southeast University, Nanjing, China. Supervisor: Dr. Bingwei Chen. MSc in Medicine completed in June 2014. Thesis: Sample Size Re-estimation of Adaptive Design in Clinical Trial and Its Software Implementation


Haiyang Hu, School of Public Health, Southeast University, Nanjing, China. Supervisor: Dr. Bei Wang. Master of Public Health completed in June 2014. Thesis: Recent HIV Infection Studies among Men Who have Sex with Men Based on BED–CEIA in Jiangsu Province


Meng Wang, School of Public Health, Southeast University, Nanjing, China. Supervisor: Dr. Min Jie. MSc in Medicine completed in June 2014. Thesis: Building, Validation and Application of Partial Least Squares QSAR Model.

HEALTH ECONOMICS GROUP

The Health Economics Group consists of faculty and graduate students with a particular interest in the field. We hold a bi-weekly journal club that attracts faculty and graduate students from other departments, including Economics, CancerCare, Nursing, and Pharmacy. We have offered workshops for other departments and participated in the preparation of grant applications at the request of colleagues.

The Health Economics Group also takes responsibility for running the Manitoba Research Data Centre (RDC), which makes available confidential Statistics Canada microdata, and liaising with the national Canadian RDC network. In October 2014, we organised and hosted the national CRDCN conference at Inn at the Forks, Winnipeg, Manitoba, which attracted over 100 participants and showcased research and data presentations over three days.

STAFF

Faculty

- Evelyn L Forget, Professor (Community Health Sciences)
- Syeed Khan, Post-Doc (Community Health Sciences)
- Tooba Ahmed, Technician

PhD Students

- Yang Cui
- Pranay Das
- Alex Peden

MSc Student

- Nicole Herpai

Medical Students

- Stephenson Strobel
- Kirsten Penner-Goeke
MANITOBA CENTRE FOR HEALTH POLICY (MCHP)

Dr. Alan Katz, Director

The Manitoba Centre for Health Policy conducts research on the health of Manitobans. The Centre’s primary focus is the question, what makes people healthy? Many factors affect health, such as healthcare, health programs and policies, income, education, employment, and social circumstances. MCHP analyzes the contribution of these factors using the Population Health Research Data Repository (Repository). 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, healthcare, business, and government.

MCHP has a five-year renewable contract with the Manitoba Government (since 1991) to produce five major research reports annually on health and social issues of current interest to policy-makers. Topics are jointly decided by the MCHP Director and the Deputy Minister of Health. This contract provides approximately half of MCHP’s funding the other half comes through provincial, national, and/or international research grant and contract funds.

The MCHP 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 healthcare and profiles of health and illness, and to facilitate inter-sectoral research in areas such as healthcare, education, and social services. The administrative health database, for example, holds records for virtually all contacts with the provincial healthcare system (the Manitoba Health Services Insurance Plan), including physicians, hospitals, personal care homes, home care, and the pharmaceutical prescriptions of all registered individuals. MCHP acts as a steward of the data provided by agencies such as Manitoba Health; the Repository data is anonymised. Research is subject to a rigorous approval process to ensure compliance with the Personal Health Information Act and other applicable legislation.

It is with great sadness that we mourn the loss of Dr. Patricia J. Martens who joined MCHP in 1999 and served as Director from 2004 to 2014. Two years ago she was diagnosed with mesothelioma. She passed away peacefully at home with her family on 10 January 2015.

Pat was a gifted scientist with the ability to take complex ideas hidden in tables and graphs and tell compelling stories in everyday language. Few will forget how she could get a room of 200 health–system professionals to put their arms up in the shape of a bell curve to visualize how a small “shift and squish” can have a large impact.
on the health presented by her elbows, or the “tails” of the curve—would remain the same. The “squish” involved tucking in the left elbow to narrow that gap. Pat used this gesture to show how interventions that addressed the entire population could be effective, but that overall population health meant reducing health inequality through targeted efforts to improve the condition of those who are least healthy.

Pat will be remembered most at MCHP by the students, scientists, and staff whom she mentored closely. MCHP’s close community, and its leadership, are very much a product of Pat’s careful stewardship of the centre over the last decade.

DATA REPOSITORY AND RESEARCH

- 218 active projects at MCHP
- 42 deliverables
- 56 MCHP projects led by MCHP investigators
- 94 externally administered research projects
- 26 thesis projects

Overview

The Population Health Research Data Repository (Repository) housed at MCHP is a comprehensive collection of administrative, registry, survey, and other data primarily composed of residents of Manitoba. It was developed to describe and explain patterns of healthcare and profiles of health and illness, facilitating research in areas such as health, education, social services, and justice.

The approval process for all research projects accessing the Repository is managed by the Repository Access Unit. The project information above reflects the number of projects that were active during the 2014/15 fiscal year. Some of these projects were completed before March 31, 2015, but maintained access approvals to facilitate additional publications or presentations based on the same research.

Data Provider Meetings

In December 2014, MCHP met with the individuals who review and recommend data–use approvals on behalf of each data providers. Data provider meetings are held annually to review the approval process for use of data held in the Repository. With new data sets added in 2014, this meeting provided insight into how each of the data providers review projects. The meeting focused on making the approval process consistent between providers.

New Data Acquisitions

The Repository continues to expand, with notable data acquisitions this year:

NATIONAL AMBULATORY CARE REPORTING SYSTEM (NACRS)  NACRS includes data for all hospital–based and community–based ambulatory care. Emergency department records are submitted to one of three CIHI data collection levels. MCHP has acquired submission level 1, which includes data elements required for emergency department wait time indicators; and level 3, records for day surgery and other ambulatory care visits. Data is currently available from April 2014 to September 2014.

CARDIAC SURGICAL DATABASE  The Cardiac Surgical Database contains detailed data on all patients who have undergone a cardiac surgical procedure in the Health Sciences
Centre, and St. Boniface General Hospital between 1995 and 2014. Preoperative status, medication data, procedural, and postoperative information are included in the database.

CANADIAN PRIMARY CARE SENTINEL SURVEILLANCE NETWORK (CPCSSN)  
TCPCSSN data comprises electronic medical record information collected from participating primary–care providers in Manitoba. Data includes patient characteristics, diagnoses, lab testing, provider information, risk factors, and vaccinations. Data is available for 1998 to 2013.

MANITOBA CANCER REGISTRY  
Manitoba Cancer Registry data is collected by specially trained health professionals (cancer registrars) at CancerCare Manitoba. It includes patient demographics, cancer diagnosis, and treatment information for Manitobans diagnosed in any facility in Manitoba. Diagnoses data is available from 1984 to 2011; treatment data is available from 1984 to 2011.

INFRASTRUCTURE FOR SHARING KNOWLEDGE (ISK)  
The ISK, formed in September 2009 for the purpose of advancing and promoting best practices in administrative data documentation, developing common tools for documentation and data quality assurance, and facilitating communication of new developments in data management among researchers, analysts, and data managers from data centres across Canada.

MCHP staff attended and presented at the International Health Data Linkage Network (IHDL) conference held April 2014 in Vancouver. MCHP presented on topics relating to data–quality evaluation, record linkage processes, documentation, and metadata. A smaller group that includes a number of ISK members, known as the Data Knowledge and Metadata working group (DKM) is more international in scope and focuses more specifically on comparing metadata tools and methodologies across organisations. The DKM met in April 2014 at the IHDL conference, where a successful turnout revealed a strong interest in metadata across organisations.

META REPOSITORY  
The MCHP Metadata Repository is a documentation library that stores knowledge about the databases in the Population Health Data Repository. It provides a consistent set of documentation components:

- an overview description of each database
- a data–model diagram of the relationships between datasets within a database
- a data–quality report that evaluates data-element quality, illustrates data trends, looks at the agreement and linkability of datasets, etc.
- a data dictionary that gives statistical and descriptive details about each data element in a dataset
- project and source–agency documents and reports
- links to concepts in the MCHP Concept Dictionary
- a blog for content–related discussions

Over the past several years the Metadata Repository has grown to represent more than 70 databases in the Repository. More statistical content has been added to allow users to examine field content further in specific datasets. Researchers and analysts have the opportunity to add discovered details about data they are
working with, either in the blog or as a note at the data–element level. This knowledge base will be invaluable to future research activities.

DATA ACCESS AND ACCREDITATION

- 94 people attended accreditation sessions
- 215 people had current accreditation status
- 57 projects reviewed for feasibility and costing
- 23 projects signed researcher agreements

REPOSITORY ACCESS UNIT The Repository Access Unit manages the approval processes for all research projects that make use of the Repository. It oversees compliance with: MCHP policies and procedures for research use of the Repository data; the requirements of data providers, the Health Research Ethics Board, the Health Information Privacy Committee, and other organisations. The access unit also tracks proposal reviews, including feasibility and cost estimates, project specific approvals and researcher agreements; it also administers University of Manitoba PHIA pledge of privacy training.

The access unit runs accreditation sessions for all researchers and analysts working on approved projects and provides support for researchers to navigate the required project approval processes.

MCHP ACCREDITATION Accreditation sessions are held every month to provide new researchers and analytic staff with information on the processes relating to Repository data access and use. The session provides an overview of the data available in the Repository and allows researchers and analysts an opportunity to ask questions about the approval process, specific data, data structure, content, and use. The sessions can be tailored to the individual’s needs and the interests of those attending providing more personal and tangible examples. The session includes the completion of the University of Manitoba PHIA training module and the University of Manitoba PHIA pledge of privacy. This pledge is required for all projects involving human subjects. The pledge is submitted to the University of Manitoba, Health Research Ethics Board. Annual accreditation is required for all data users and can be renewed by completing an online review of the approvals and use requirements.

VISITORS WITH DATA RELATED INTERESTS External organisations and individuals are often interested in learning about various aspects of the data at MCHP, including the centre’s approach to data agreements, data management, documentation, etc. In May 2014, MCHP was visited by James Boyd, Director of the Population Health Research Network (PHRN) Centre for Data Linkage at Curtin University (Australia); Dr. Phil Anderson, Head of the Data Linkage Unit, and Dr. Kerrin Bleicher from the Australian Government’s Bureau of Health Information; and Sarah Lowe from the Welsh Government. Our visitors had a particular interest in data–related issues and spent time with the data management team and with some executive and research team members. In July 2014, MCHP was visited by staff from the New Brunswick Health Council, who gave a presentation on their organisational structure and activities.

REMOTE ACCESS SITES (RAS) 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, there is no opportunity for direct data transfer or printing. At the completion of the analysis the researcher can request that their aggregate data and statistical results be transferred off of the system through an electronic vetting request and send directly to them for use in publications, etc.

Support for the RAS sites from the CFI Leading Edge Fund “The Manitoba Centre for Health Policy LEADERS initiative: Leading Edge Access and Data Enhancement Research Strategy” ended October 31, 2014. Since that time the sites have been supported by a site access fee associated with individual projects or sites. The site access represents cost recovery for the maintenance and documentation of the Repository and the analytic servers and software.

RAS terminals are located at the following sites:

- Room T155, Medical Services Building, Faculty of Health Sciences, University of Manitoba
- Department of Family Social Sciences, Faculty of Human Ecology, University of Manitoba
- College of Pharmacy, Faculty of Health Sciences, University of Manitoba
- George and Fay Yee Centre for Health Care Innovation, University of Manitoba (terminal currently at Children’s Hospital Research Institute of Manitoba)
- Centre for Global Public Health, Faculty of Health Sciences, University of Manitoba
- Vaccine and Drug Evaluation Centre, Faculty of Health Sciences, University of Manitoba
- Concordia Hip & Knee Institute, Winnipeg Regional Health Authority
- St. Boniface Cardiac Sciences Program, I.H. Asper Clinical Research Institute, Winnipeg Regional Health Authority
- Manitoba Renal Health Program, Seven Oaks General Hospital, Winnipeg Regional Health Authority

EDUCATIONAL AND TECHNICAL RESOURCES

RAS enable data analysts and reMCHP’s educational contributions extend to the provision of educational and technical tutorials and workshops. Most of these resources are provided on our website, on the Educational Resources page: [http://umanitoba.ca/faculties/medicine/units/community_health_sciences/departmental_units/mchp/education/index.html](http://umanitoba.ca/faculties/medicine/units/community_health_sciences/departmental_units/mchp/education/index.html). This page links to site-specific and off-site teaching materials, including readings and lecture materials for CHSC 7310 Epidemiology of Health Care, a graduate course taught by MCHP researchers. These materials link to MCHP research resources like the MCHP Concept Dictionary and student research guidelines.

Technical resources available on the resources webpage include workshop materials, offsite tutorials for using SAS software, and structural equation statistical modeling techniques. The SAS system provides a way of creating and/or accessing a variety of data sets, with techniques for manipulating the data to obtain output ranging from simple frequency tables to complex three-dimensional graphs. The goal of the MCHP online SAS tutorial is to provide new users with enough SAS knowledge to translate basic research questions into code. This level of training enables the completion
of the research project required by CHSC 7310 Epidemiology of Health Care. Intermediate training material is also available for new users. This documentation covers arrays, do loops, first/last by–group processing, retain statements, and how to work with dates. This year, MCHP offered five in–person SAS tutorials, ranging from beginner to intermediate levels. These 20–hour courses were developed and led by Associate Director Charles Burchill (Data Access and Use).

MANITOBA HEALTH, HEALTHY LIVING, AND SENIORS, DELIVERABLE FINDINGS

EVALUATION OF THE MANITOBA IMPRxOVE PROGRAM  In June 2011, Manitoba Health launched the IMPRxOVE program (Improving Medication Prescribing and Outcomes Via medical Education). The program was a first of its kind in Canada and is expected to improve the safety and health outcomes for Manitobans receiving medications for mental–health conditions. IMPRxOVE is administered by Comprehensive Neurosciences of Canada (CNSC), using proprietary clinical algorithms and a proven audit–and–feedback intervention. CNSC conducts monthly reviews of Drug Program Information Network (DPIN) pharmacy claims data to evaluate the appropriateness of the prescriptions of psychiatric and related behavioral medications, in order to identify patients at risk due to potentially inappropriate prescriptions. If a potentially inappropriate pattern of prescriptions is identified, a feedback alert in the form of an educational mailing package is sent to the prescriber.

The purpose of this study was to evaluate IMPRxOVE by examining changes in prescribing practices of physicians, and what characteristics of physicians or their practices may be associated with a positive impact of the educational mailing packages. Using comparison groups, MCHP found that doctors who received educational packages significantly reduced potentially inappropriate prescribing for sleeping pills and benzodiazepines. Fewer inappropriate prescribing patterns will result in fewer adverse events, and, in turn, reduce the burden on the healthcare system, including emergency rooms and the prescribing doctors themselves. MCHP’s evaluation results will inform how IMPRxOVE continues to be administered, making it more effective by changing or adding medications or prescribing patterns included in the program. The success of this pilot program in Manitoba will help direct how other provinces look to improve the prescribing practices of their doctors.

PHYSICIAN INTEGRATED NETWORK: A SECOND LOOK  This deliverable evaluates the impact of the Physician Integrated Network (PIN) initiative on health service provision and primary care; specifically through an aspect of the program that gives clinics extra funding for meeting certain targets in providing preventative and chronic disease care to appropriate patients. The program was initiated by Manitoba Health in 2006. Lessons learned from this study will inform ongoing changes to primary care in Manitoba.

The study analyzed results from 12 clinics, involving over 180 physicians and 163,000 patients. It looked at 23 indicators of primary care quality related to prevention and and screening, disease management, and healthcare delivery. Three aspects of care tied to incentive funding showed
clear improvement: older adults and people with respiratory illness were more likely to receive annual flu shots; rates of immunizations for pneumonia and related infections also improved among older adults; and more patients suffering from heart failure started to take recommended medication. The study also revealed an increase in the continuity of care patients received at clinics participating in PIN. PIN clinics also reduced the number of non-recommended “routine” electrocardiograms for patients who didn’t have heart disease. The study results are not all good news. Even among the positives, there were large differences in quality between clinics. In some areas, such as immunizations for two–year–olds, all clinics and comparison groups fared poorly: only 50% to 80% of two–year–old children had received all the immunizations recommended (and fully covered in Manitoba) for newborns and toddlers.

**MCHP Featured Research Projects**

**PATHS EQUITY FOR CHILDREN (PATHWAYS TO HEALTH AND SOCIAL EQUITY)** The PATHS program of research aims at understanding what works to reduce inequity in children’s outcomes. This program includes collaborations with external partners. Multiple interventions are being evaluated to determine their impact on:

1. the overall health and well–being of children and;
2. inequities in child health and well–being by (a) socioeconomic status, (b) geographic region, and (c) sex at different points during childhood.

PATHS comprises a series of 16 interrelated sub–projects, each designed to assess the impact of a different intervention. Each sub-project has its own team and set of objectives, but all projects will assess whether the intervention (a) reached its target population (i.e., universal or targeted), (b) improved outcomes, and (c) reduced outcome inequities (i.e., by socioeconomic status, geographic and/or gender). The final sub-project will be an integrative analysis that will be completed at the end of the grant. It will look at the interventions holistically to see whether combinations of programs are more effective than individual interventions, and whether combinations are more effective simultaneously or
sequentially.

In 2014/15, a methods paper on the PATHS research cohort was published in the International Journal of Epidemiology. Three sub-projects were completed, resulting in publications:

- **Healthy Baby Program**
  Brownell MD, Nickel NC, Chateau D, et al.

- **Full-Day Kindergarten**

- **Social Housing**
  Martens PJ, Chateau DG, Burland EMJ, et al.

Twelve more sub-projects are in progress or upcoming:

- Baby Friendly Hospital Initiative (BFHI)
- Physician Integrated Network (PIN)
- In-School Teen Clinics
- Families First Home Visiting Program
- Healthy Buddies
- Roots of Empathy (ROE)
- Early Intervention for ADHD
- Early Psychosis Prevention and Intervention Program (EPPIS)
- Community Schools Investigators’ (CSI) Summer Learning Enrichment Program
- PAX Good Behaviour Game
- Qualitative analysis: understanding mechanisms of inequality
- Public Health Sensitive Conditions (PHSC)
- Integrative analysis

**CNODES (CANADIAN NETWORK FOR OBSERVATIONAL DRUG EFFECTIVENESS STUDIES)**

CNODES is an assembly of the top pharmacoepidemiologists across Canada, working collaboratively to conduct post-marketing drug safety and effectiveness studies. 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 hospitalised from adverse drug reactions. Research is being conducted in individual provinces, but the databases used are often not large enough to study rare and serious adverse reactions, drugs used for uncommon diseases, and newly introduced medications.

CNODES is using existing healthcare 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 CNODES Manitoba site leads are Dan Chateau and Patricia Caetano. The Manitoba site team includes Alan Katz, Colette Raymond, Colleen Metge, Laura Targownik, Salah Mahmud, Shawn Bugden, Silvia Alessi–Severini, Matt Dahl, and Elaine Burland.

To date, there have been 11 CNODES sub–projects, four of which have been completed. In 2014/15, five were in progress for which manuscripts are being prepared. Two related projects focused on Manitoba results are also in progress: a sub–analysis of the study on Proton Pump Inhibitors and Community Acquired Pneumonia, led by Laura Targownik and a project led by Colette Raymond and Dan Chateau examining the use of prescription medications before, during, and after pregnancy. Two more projects are in the very early stages, and feasibility assessments are underway for two proposed projects.

**ONGOING PROJECTS**

- Serotonin–Norepinephrine Reuptake Inhibitors and Renal Failure (Manitoba site lead: Salah Mahmud)
- 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)
- Domperidone Use in Parkinson’s Disease and Risk of Serious Cardiac Events (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)
- Safety of Opioids Since Introduction of OxyNEO (Manitoba site lead: Dr. Patricia Caetano)

**TOWARDS FLOURISHING MENTAL HEALTH PROMOTION STRATEGY**

The Towards Flourishing Mental Health Promotion Strategy (TF–MHP) is a collaborative project between the MCHP, the Winnipeg Regional Health Authority (WRHA), and Healthy Child Manitoba (HCMO). Dr. Mariette Chartier (MCHP), Dr. Jennifer Volk (HCMO), and Ms. Marion Cooper (WRHA) were awarded a competitive grant of $2.6 million over four years from Public Health Agency of Canada’s Innovation Strategy (PHAC–IS)—Equipping Canadians: Mental Health Throughout Life—to develop and evaluate the strategy. The funding from PHAC ended in March 2015; however, Healthy Child Manitoba has provided funding to sustain the strategy and continue data collection.

The multi–layered TF–MHP strategy aims to promote the mental well being of parents and their children through augmentation of an existing province wide home visiting program. In response to an earlier evaluation of the home visiting program, which indicated a need for additional intervention around mental health promotion, the TF–MHP strategy includes training for public health staff, a mental health promotion facilitator role to support public health teams, mental health screening, curriculum based education and evidence based strategies for parents, and improved access to supports and services. The partnership between government, a regional health authority, and...
MCHP in leading TF–MHP has been paramount to the effective implementation of the strategy. Knowledge transfer and exchange with high level decision makers and service providers occurs at all stages from the development of the strategy to reviewing and interpreting results to sustainability planning.

A step–wedge randomised trial evaluates the effectiveness of the strategy in improving parent and child outcomes and qualitative research examines how the strategy is working in practice. Parents have reported that the everyday strategies fostered relaxation, positive thoughts and feelings, and improved their mental health literacy and awareness of available resources. Longitudinal follow–up will evaluate long–term impacts by linking the TF–MHP data to health, social services, and educational data housed at MCHP. Data collection on comparison families is complete. Collection of mental health surveys will continue until data from 1,000 families who have received the TF–MHP strategy is obtained. Currently, there are 500 surveys from comparison families and 500 surveys from intervention families.

INFORMING PLANNERS AND STAKEHOLDERS

THE NEED TO KNOW TEAM Since its establishment in 2001, The Need to Know Team has enabled a remarkable collaboration between MCHP, the Regional Health Authorities (RHAs), and the provincial department of health. This collaboration has provided an opportunity for knowledge exchange and learning between researchers, planners, and policy–makers. The Team has co–authored numerous MCHP reports and driven health policy change in a variety of areas; and along the way, it has been recognised by several national organisations.

The Need to Know Team meets in Winnipeg three times per year for two days at a time. These meetings are designed to work together on team projects, increase capacity for, and use of, RHA–relevant research, and to learn about other health–related initiatives happening in Manitoba. The fall meeting precedes MCHP’s annual RHA Workshop, where The Need to Know Team facilitates roundtable discussions of MCHP deliverables. This year’s NTK meetings were held June 2–3, 2013, October 20–21, 2013, and January 19–20, 2014.

The Need to Know Team also provides ideas for and helps review potential deliverable projects led by MCHP. To date, the team has co–authored seven deliverables. Many team members also sit on advisory groups for other deliverables, where they contribute the unique perspective of their RHA. Currently The Need to Know Team is co–leading two deliverable research projects:

• MIS Information and Hospital Resource Implications
• Homecare: (a) Data Acquisition and Validity; (b) an Exploration of the use of Homecare by Manitobans

In 2014/15, The Need to Know Team was also involved as a regional consultation group for the CIHR “PATHS Equity for Children” projects.

The Need to Know Team was created by the late Dr. Patricia Martens. The ideas behind its formation were among the most important insights she brought to MCHP. Foremost among these was the need to
engage external partners “before the beginning” of research projects, to ensure relevance and applicability. Though these are well established principles of, what’s now called Integrated Knowledge Translation, they were absolutely novel, indeed revolutionary, at the time. Shortly after Dr. Martens joined MCHP in 1999, among her first tasks was to coordinate MCHP’s 6th annual Rural and Northern Healthcare Day. Rather than having the traditional day long agenda made up of a succession of speakers, Dr. Martens had regional stakeholders participate in roundtable discussions to discuss research results from that region’s perspective. Her plan was met with significant resistance among MCHP researchers and leaders, but she persevered, and for the better, changed how research was done. The success of that workshop led to sharp increases in subsequent attendance and was essentially the conception of The Need to Know Team. In 2000, with Dr. Charlyn Black, Dr. Martens successfully applied for support for the team from a new CIHR funding competition called Community Alliances for Health Research. Out of more than 200 applications, it was one of 17 chosen to be funded for five years. Dr. Martens led the team through a period of remarkable success until her health declined in 2014. The team is now led by former Co-Director Dr. Randy Fransoo, whom Dr. Martens had mentored for this role.

Members of the team include MCHP researchers, staff, and students, as well as high-level planners and decision-makers from Manitoba Health, Healthy Living and Seniors and each RHA (as chosen by the RHA’s CEO). In 2014, the team expanded in scope, adding representatives from CancerCare Manitoba and Diagnostic Services of Manitoba.

The Need to Know Team was originally funded through the Canadian Institutes of Health Research (2001–2006). Subsequent meeting expenses have been funded through a series of awards: the CIHR KT Award for regional impact (2007–2008), the Evidence to Action research project (2005–2008), Dr. Martens’ CIHR/PHAC Applied Public Health Chair Award (2008–2013), and Dr. Fransoo’s Gerry McDole Professorship Award in Improved Healthcare Delivery to Rural, Remote, and Underserved Populations of Manitoba (2010–2013). The team is also the knowledge translation partner for the ongoing PATHS Equity for Children project.

Current Need to Know Team Members
- Interlake–Eastern RHA
  Suzanne Dick, Katherine Podaima, Dr. Karen Robinson, and Jo–Ann Welham
- Northern RHA
  Dr. Randy Gesell, Lorraine Larocque, Vivian Salmon, Michelle Taylor, and Joy Tetlock
- Southern Health–Santé Sud
  Dr. Shelley Buchan, Jane Curtis, and Ales Morga
- Prairie Mountain Health
  Jody Allan, Maggie Campbell, Michelle Gaber, and Nancy McPherson
- Winnipeg RHA
  Trish Bergal, Philip Jarman, Dr. Colleen Metge, Patti MacEwan, and Dr. Kristy Wittmeier
- Diagnostic Services Manitoba
  Ayn Wilcox
- CancerCare Manitoba
Marc Geirnaert

- Manitoba Health, Healthy Living and Seniors
  Kristin Anderson, Della Beattie, Sonia Busca Owczar, Nathan Hoeppner, Rachel McPherson, Ciara Shattuck, and Heather Sparling

- Centre for Healthcare Innovation
  Dr. Kathryn Sibley and Dr. Kristy Wittmeier

- MCHP
  Dr. Randy Fransoo (NTK Director, Co–Director); Dr. Patricia Martens (Co–Director), Dr. Alan Katz, Dr. Elaine Burland, Heather Prior, Charles Burchill, Mark Smith, and Kara Dyck.

INFORMING GOVERNMENT

MCHP – MANITOBA HEALTH, HEALTHY LIVING, AND SENIORS WORKSHOP, JUNE 19, 2014

The 11th annual MCHP – Manitoba Health, Healthy Living, and Seniors (MHHL) Workshop was attended by about 80 people, including representatives from the following units of MHHL: Health Information Management; Primary Health Care; Public Health; and Acute, Tertiary, and Specialty Care. The day included two keynote presentations given by Dr. Randy Fransoo on The 2013 RHA Indicators Atlas and Who is in Our Hospitals... and Why? Each keynote was followed by a roundtable discussion. Other MCHP reports were previewed at this workshop—specifically, Physician Integrated Network: A Second Look by Dr. Alan Katz, The Costs of Smoking by Dr. Nathan Nickel, and The Cost of Publicly Supported Housing for Seniors: Implications for Future Funding.

Approaches by Dr. Malcolm Doupe.

RHA WORKSHOP 21 OCTOBER 2014

One hundred fifty people attended the 21st annual MCHP RHA Workshop Day, including representatives from all regional health authorities; Manitoba Health, Healthy Living, and Seniors; the Canadian Institute for Health Information; the Public Health Agency of Canada; and graduate students from the Western Regional Training Centre. The morning focused on Optimising Primary Care in Manitoba which consisted of two MCHP deliverables: Physician Integrated Network (PIN): A Second Look, presented by Dr. Alan Katz and Evaluation of the Manitoba Health Program IMPRxOVE, presented by Dr. Dan Chateau. The afternoon’s keynote presentation was delivered by Dr. Malcolm Doupe and was on the topic of “The Cost of Publicly Supported Housing for Seniors: Implications for Future Funding Approaches.” Following each keynote presentation were roundtable discussions among RHA staff and board members, who were divided according to health region. Discussion was facilitated by local members of The Need to Know Team. These discussions allow participants to dig deep into the study results and find data relevant to the stories that unfold in specific regions. Along with the keynotes, there was an update given by Louise Lalonde of the Canadian Institute for Health Information, and previews of three upcoming MCHP deliverables including The Costs of Smoking by Dr. Nathan Nickel, The Future of Treatment and Care of Manitobans Living with Kidney Disease by Dr. Mariette Chartier, and The Evaluation of the Manitoba InSight Program by Dr. Chelsea Ruth.
MANITOBA GOVERNMENT
ANNUAL WORKSHOP, 5 MARCH 2015
This was the third annual knowledge exchange between MCHP and the Manitoba Government. This event was designed to share research results with non–health government departments and discuss how MCHP research might relate to other kinds of policy planning. Many government departments were represented by close to 90 people in attendance, including Children and Youth Opportunities, Housing and Community Development, Family Services, Healthy Child Manitoba, Justice, Education and Advanced Learning, and Jobs and the Economy.

Dr. Gerald Farthing, Deputy Minister of Education and Advanced Learning, opened the day and reflected on the importance of using evidence in decision making. Later in the day, Dr. Rob Santos, Associate Secretary to the Government of Manitoba’s Healthy Child Committee of Cabinet (HCCC), discussed how MCHP’s research has contributed to policy changes.

An overview of MCHP and the Data Repository was presented by Dr. Alan Katz. Dr. Randy Fransoo gave a brief presentation on statistical research. The morning keynote presentation was delivered by Dr. Marni Brownell on the “The Educational Outcomes of Children in Care in Manitoba.” The afternoon began with a preview of the upcoming deliverable, Evaluation of the Manitoba InSight Program, given by Dr. Chelsea Ruth. This was followed by an overview of the PATHS Equity for Children Program of Research (PATHS) presented by Dr. Marni Brownell, along with three of its projects including “Are Manitoba’s Healthy Baby Prenatal Benefit and the Families First Home Visiting Programs Effective at Improving Outcomes for Vulnerable Children? A PATHS Equity Project” by Dr. Mariette Chartier and “Early Psychosis Prevention and Intervention Program (EPPIS)” by Dr. Dan Chateau. There was also a preview of the deliverable The Mental Health of Manitoba’s Children: Prevalence and Use of the Health Care System, given by Dr. Mariette Chartier.

Roundtable discussions were held in the morning and afternoon to discuss The Educational Outcomes of Children in Care in Manitoba and PATHS. To encourage cross–sectoral collaboration, each table included representatives from several government departments.

EVIDENCENETWORK.CA
The Evidence Network of Canadian Health Policy, commonly known as EvidenceNetwork.ca is a non–partisan, web–based project funded by the Canadian Institutes of Health Research and Research Manitoba, in partnership with the George and Fay Yee Centre for Healthcare Innovation. It exists to make the latest evidence on controversial health policy issues available to the media. This project links journalists with over 80 health policy experts to provide access to credible, evidence–based information, and creates original OpEds, articles, infographics, posters, and videos on health policy topics for publication in the mainstream media.

Four MCHP research scientists are EvidenceNetwork.ca experts: Dr. Marni Brownell (Social Factors in Children’s Health), Dr. Malcolm Doupe (Aging Population, Nursing Homes, Home Care), Dr. Alan Katz (Primary Care Delivery and Disease Prevention), and Dr. Noralou Roos (Poverty and Well Being). Other Manitoba–based experts include Dr. Eric Bohm, Dr. Jino Distasio, Dr. Rick Linden, Dr. Verena Menec, Dr. Jitender Sareen, and Dr. Robert Schroth.

Since 2011, EvidenceNetwork.ca has had nearly 2,000 original articles and OpEds appear in every major newspaper across the country, as well
as a wide range of regional and niche media outlets both in English and French.

In 2014, EvidenceNetwork.ca created 142 original OpEds that have been published 155 times in Canada's top seven outlets alone: the Globe and Mail, the Toronto Star, the Huffington Post (English and French), La Presse, Le Devoir, and the National Post. This year, our OpEds were published 781 times in every major media outlet across the country.

EvidenceNetwork.ca has developed backgrounders on pharmaceutical policy, obesity, and mental health, with a significant level of interest and uptake from journalists. Two of the backgrounders already account for some of the most popular content on the EvidenceNetwork.ca website over the past year. We now have 15 backgrounders posted on the site and several more are under review.

Our journalist intern for 2015 is Melanie Meloche–Holubowski. She has created new OpEds, backgrounders, and expert interviews; she created podcasts relating to our expert’s OpEds. She also works at Radio Canada and has been helping us find ways to better connect and distribute our work to French media outlets.

EvidenceNetwork.ca has 30 videos and podcasts featuring our experts’ research on our healthcare topics posted on our website with thousands of views on YouTube. EvidenceNetwork.ca has been highly successful in leveraging multiple types of social media platforms, boasting over 6,500 Twitter followers, and hundreds of posters, infographics, videos, podcasts, articles, and OpEds being retweeted or shared on other platforms. EvidenceNetwork.ca brings researchers and evidence into social media where journalists, policy makers, and the public are turning for their information.

A few of the key highlights demonstrating how EvidenceNetwork.ca facilitates practice and policy change include:

- In October, 2014, Dr. Michael Law, Centre for Health Services and Policy Research and Associate Professor, University of British Columbia, wrote several OpEds about generic drug prices that were published widely including in the province of Alberta. The Government of Alberta’s Minister of Health, the Honourable Fred Horne, acknowledged the importance of Dr. Law’s OpEds in a letter to the University of British Columbia stating:
  
  “I wanted to commend the efforts taken by Dr. Michael Law in sharing his knowledge and advice with my office and my department in supporting policy changes. Dr. Law’s assistance in analysis of the impact of generic drug pricing changes and in communicating that information to my office and to the public through availability to the media greatly assisted in providing more evidence–informed public debate.”

- In July 2014, the Canadian Blood Services criticised an OpEd written by Dr. Ryan Meili, a physician from Saskatoon, Saskatchewan and Dr. Monica Dutt, Medical Officer of Health for Cape Breton, titled “Cash for blood products a flawed policy.” Shortly after, the Government of Ontario brought back legislation that would ban payments to people for their blood and plasma.

- In August 2014, shortly after the publication of an EvidenceNetwork.ca OpEd, Health Canada toughened prescription–narcotic warning labels to combat abuse. The OpEd
was written by Roojin Habibi, an MSc candidate in the Global Health Program at McMaster University and Research Fellow at the Pharmaceutical Policy Research Collaboration, and Joel Lexchin, Professor in the School of Health Policy and Management at York University.

STAFF

Executive
• Alan Katz, Director, Professor, Senior Research Scientist
• Randy Fransoo, Associate Director (Research), Assistant Professor, Research Scientist
• Mark Smith, Associate Director, (Repository), Research Scientist
• Charles Burchill, Associate Director, Data Access & Use
• John Dziadek, Associate Director, Administration
• Carole Ouelette, Executive Assistant

Researchers Scientists
• Marni Brownell, Associate Professor, Senior Research Scientist
• Mariette Chartier, Research Scientist, Assistant Professor
• Dan Chateau, Research Scientist/Statistician, Assistant Professor
• Malcolm Doupe, Assistant Professor, Senior Research Scientist
• Greg Finlayson, Research Scientist
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• Colette Raymond, Department of Pharmaceutical Services, Health Sciences Centre
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• Chelsey McDougall, Research Co-ordinator
• Kari-Lynne McGowan, Research Co-ordinator
• Jennifer Schultz, Research Co-ordinator
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• Jeff Valdivia
• Chun Yan Goh

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• Deepa Singal

• Tamara Tailieu
• Camilla Tapp
• Elizabeth Wall–Wieler
• Jason Randall
• Iresha Ratnayake

Information Technology
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• Darrin Halabuza, Information Technology Support

Grants Accountants
• Sophie Buternowsky (Senior)
• Ariel Bautista
• Jeannie Chen
• Tannis Wills
OVERVIEW

MFUS is one of the world’s longest running prospective longitudinal health studies. Initiated in 1948 by Dr. FAL Mathewson, MFUS has been housed and operated continuously at the University of Manitoba Medical School. Its 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 research focus has been broadened from cardiovascular epidemiology to include current issues in gerontology such as the dynamic process of successful aging, nutritional risk among the elderly, and primary and secondary control of aging individuals. From its beginnings, keeping in regular contact with its study members has been an integral part of MFUS. Throughout much of the last decade, the majority of funding for MFUS has come from MHRC (2001–2003) and CIHR (yearly grant awarded 2004–2011). There have also been generous contributions from MFUS study members themselves.

MFUS has presented its findings 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. Fifty–five (55) 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 gerontology, human nutritional sciences, medical rehabilitation, and other relevant fields.
in gerontology, human nutritional sciences, medical rehabilitation, and psychology. Training future researchers and practitioners has also been an important MFUS activity with several graduate, undergraduate, medical, and post-doctoral students in its midst.

Highlight activities for 2014/2015 include publication of a “Cohort Profile: The Manitoba Follow-up Study (MFUS)” in the *International Journal of Epidemiology*. This peer-reviewed paper is a historical overview of the first 65 years of MFUS. Reprints of the article were mailed to all members of the cohort and interested family members. Three funding submissions are currently under review at CIHR, including two proposals submitted to the Transitional Open Operating Grant competition, and a letter of intent submitted to the Team Grant: Late Life Issues competition. The Manitoba Follow-up Study was featured in an interview of Dr. Tate and one study member, Mr. Hardy from Burnaby, BC, on 22 February 2015, following the Academy Awards on CTV National News. See video at http://www.ctvnews.ca/health/canadian-second-world-war-fighter-pilots-contribute-to-world-s-longest-health-study-1.2248454

**BACKGROUND**

Now in its 67th year, the Manitoba Follow-up Study is a prospective study of cardiovascular disease and healthy aging. A cohort of 3,983 healthy young men have participated since 1948 (mean age 30 years) with routine medical examinations and mail-based surveys. Today, 3,655 men have a documented date of death. The remaining 328 members are now on the average 93 years of age, with most (91%) living in Canada.

### During Last Twelve Months

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<thead>
<tr>
<th></th>
<th>Number</th>
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<tr>
<td>Contacted</td>
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### Active Status of Cohort

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<th># Study Members Alive</th>
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ACTIVITIES

1. Our Spring Newsletter (#24) was mailed in June 2014 to 392 individuals, including study members as well as interested family and friends of deceased members. The annual Successful Aging Questionnaire (SAQ) was sent at the same time to 269 of those study members willing to receive our long-form questionnaire. To date, 225 surveys (84%) have been returned, including returns from families of members recently deceased or moved. This is the fourteenth SAQ administered to the cohort.

2. Our Fall Newsletter (#25) was mailed in November 2014 to 379 individuals, including study members and other interested persons. The Annual Contact Questionnaire (ACQ) was also sent at this time to 277 of those study members willing to receive this short-form questionnaire. To date, 148 surveys (53%) have been returned, including returns indicating members had recently died or moved. The ACQ was designed and first used in 1979 and has been sent annually since then. Its purpose is to monitor vital status, maintain an accurate address registry, and ascertain physician and hospital contact over the past year.

3. Telephone calls and e-mails to re-establish contact with study members and/or their families continues. Such correspondence is initiated following return by Canada Post of undelivered mail.

STAFF

- Robert B. Tate, PhD is full-time Director of MFUS and a Professor in the Department of Community Health Sciences, Faculty of Medicine.
- T. Edward Cuddy, MD was “Director Emeritus” of MFUS and spent one to two days per month in the office in an advisory capacity for the study. Dr. Cuddy passed away on the 4th of November 2014.
- Christina Lengyel, PhD is an Associate Professor in the Department of Human Nutritional Sciences, Faculty of Human Ecology and spends one day per week on studies of nutrition in elderly males.
- Jure Manfreda, MD is a retired Associate Professor in the Department of Community Health Sciences (retired December 2005) and an epidemiological consultant.
- Audrey Swift, PhD, Research Associate, primarily involved with writing articles pertaining to successful aging and perception of control.
- Dr. Christie McDonald, MD, expert medical coding.
- Madge Biddell, RN, 0.2 EFT, is the office administrator and oversees member and medical contacts.
- Dennis Bayomi, MSc, 0.4 EFT, is a research analyst and oversees MFUS data management.
- Victoria Kubas, BSc, 0.6 EFT, is an office assistant.

Research Affiliates:

- Phil St. John, MD, Section Head Geriatrics, Department of Internal Medicine, University of Manitoba
- Ruth Barclay, PhD, Associate Professor, Physical Therapy, School of Medical Rehabilitation
• Depeng Jiang, PhD, Assistant Professor (Biostatistics), Community Health Sciences.
• Julia Uhanova, MD, PhD, Assistant Professor, Liver Diseases Unit, Internal Medicine.

Graduate Students/Medical Residents/Undergraduate Students:

• Megan O’Brien, MD is a medical resident specializing in liver disease and has been conducting chart reviews as part of a project with Dr. Uhanova investigating metabolic syndrome and non-alcoholic fatty liver disease.
• Maryam Alshammari is an MSc student in Rehabilitation Sciences working with Drs. Barclay and Tate on projects involving response shift, quality of life, and stroke.
• Dessalegn Melesse is a PhD student in Community Health Sciences who worked with Dr. Tate on research examining the relationship between BMI trajectories and decade of onset of Type II diabetes.
• Alex Peden (PhD student in Community Health Sciences) and Stephenson Strobel (Medicine III) were students working on a project assessing health and social inequity, supervised by Dr. Evelyn Forget, Community Health Sciences. Dr. Lengyel.
The Vaccine and Drug Evaluation Centre (VDEC) is a research unit of the Department of Community Health Sciences, College of Medicine, University of Manitoba, and is affiliated with the College of Pharmacy and the George and Fay Yee Centre for Healthcare Innovation (CHI).

As envisioned by Dr. Salah Mahmud, a Canada Research Chair in Pharmaco–epidemiology, the Centre was established in 2012 through the joint support of the Canada Research Chairs Program, the Canadian Foundation for Innovation, the Government of Manitoba, and the University of Manitoba.

Dr. Mahmud is an early career investigator with an impressive track record of appointments and awards such as Director of the University of Manitoba CIHR SPOR Clinical Trials Unit, the Governor General’s Gold Medal, the Mona and Allen Copp Award, the CCS Junior Investigator Award, CFI’s Leaders Fund Award, and the Aubie Angel Young Clinical Investigator Award. Dr. Mahmud’s leadership skills speak to his significant capacity to build and contribute to VDEC. To date, Dr. Mahmud has accumulated over 30 million dollars in grant funding working in collaboration with partners across Canada and internationally, and 3.4 million dollars in funding for research conducted at VDEC.

VDEC is located on the third floor of the Apotex Centre (750 McDermot Avenue) and houses a secure high–performance computing platform to assemble, maintain, and analyse massive databases. In addition, VDEC has three Manitoba Centre for Health Policy (MCHP) remote access sites to provide secure and direct access to clinical and administrative databases housed in the Population Health Research Data Repository at MCHP. All major software packages for epidemiologic and statistical data analysis are available to support epidemiological studies.

VDEC is staffed by a dynamic and talented team of epidemiologists, data analysts, research assistants, project coordinators, students, and scientists who continue to reinforce the Centre’s reputation as a catalyst for vaccine and drug research. The VDEC team has successfully delivered 27 presentations highlighting their research findings on provincial, national, and international platforms since 2012. VDEC has also published 31 journal articles and Dr. Mahmud has contributed to several media platforms furthering public understanding of the important developments in drugs and vaccines.

The centre interacts bi–directionally with decision makers, research funders, and health providers as well as with experts, scholars, and researchers to identify the need for creating new knowledge that is essential for strengthening existing policies and practices.

VDEC is an institution of excellence prided for evidence–based vaccine and drug evaluation and cancer prevention strategies and is well placed at the University of Manitoba to serve the university on a provincial, national, and global level. It has great potential to excel as a hub for multidisciplinary research, training and professional development, and knowledge translation.

AWARDS

- Dr. Salah Mahmud
  Aubie Angel Young Investigator Award in Clinical Research (2014)
• Dr. Xibiao Ye
  Prize for Innovation, Hacking Health Award (2014)

FINANCIAL AND RECOGNITION AWARDS

• Hasantha Sinnock: University of Manitoba Graduate Studies, Graduate Enhancement of Tri-Council Stipends (GETS), October 1, 2014 – March 31, 2015, $3,500

• Hasantha Sinnock: Canadian Immunization Research Network (CIRN), CIRN Trainee Stipend (Masters student), June 1, 2014 – May 31, 2014, $17,500

• Aleksandra Wierzobowski: Canadian Immunization research Network (CIRN), CIRN Trainee Stipend (Post-Doctoral Fellow), June 1, 2014 – May 31, 2014, $33,500

• Hatice Guler–Berk: Rose Mary and Frederick Allan Johnson Scholarship, $9000 CAD

• Hatice Guler–Berk: Foundation for Registered Nurses of MB Inc. Grad Award, $1700 CAD

• Karla Willows: Evelyn Shapiro Award for Health Services Research, (Certificate) November 12, 2014

COMMUNITY ENGAGEMENT

Canadian Cancer Society Manitoba 2014 Impact Video for the Daffodil Gala (September 2014).

TRAINING MENTORING ACTIVITIES

Research Coordinatory, Public Health and Preventive Medicine Residency Program, University of Manitoba June 2014)

PERSONNEL: STAFF

• Dr. Salah Mahmud, Founding Director
• Mr. Dallas Legare, Centre Manager
• Dr. Songul Boz–Emre, Research Associate, Epidemiologist
• Dr. Luiz Guidolin, Research Associate, Computational Physicist
• Dr. Xibiao Ye, Research Associate, Epidemiologist
• Ms. Ayat Mneina, Research Associate
• Ms. Katy Molodianovitsh, Data Analyst
• Dr. Aleksandra Wierzobowski, Postdoctoral Fellow
• Dr. Gambo Aliyu, Postdoctoral Fellow
• Ms. Janice Malicdem, Information Technologist
• Ms. Iryna Tsybukh, Office Assistant

PERSONNEL: STUDENTS/TRAINEES

• Ms. Hasantha Sinnock, Student Research Assistant & Master’s Thesis – In Progress
• Ms. Salme Lavigne, Doctorate – In Progress
• Ms. Julia Paul, Post-doctorate – In Progress
• Dr. Karla Willows, Master’s Thesis – In Progress
• Ms. Hatice Guler–Berk, Master’s Thesis – In Progress
• Dr. David Dawe, Master’s Thesis – In Progress
• Dr. Emily Rimmer, Master’s Thesis – In Progress
• Mr. Andrew Basham, Master’s Thesis – In Progress
• Mr. Krisjan Paulson, Master’s Thesis – In Progress
• Mr. Eric Lachance, Bachelor’s – In Progress
• Ms. Danika Semchyshyn, Intern
• Ms. Sarita Jha, Data Analyst Intern
• Ms. Cassy Dolovich, Data Analyst Intern
SECTION OF FIRST NATIONS, METIS, AND INUIT HEALTH
Dr. Marcia Anderson DeCoteau, Section Head

The Centre for Aboriginal Health Education
Dr. Barry Lavallee, Director

HIGHLIGHTS
- Indigenous students support (academic, personal, and professional development); recruitment; and retention (mentorship).
- Cultural supports and activities by Elder.
- Curriculum development and teaching in undergrad, postgrad medicine, and other health professional schools and faculties.

KEY ACTIVITIES
- Collaborative events with ACCESS programs four times a year
- 3rd Annual Mentorship Workshop
- Sweat Lodge ceremonies to students and staff
- Discovery Days
- Docudramas for all professional health faculty and learners
- Committee representation and work (FNMIH)
- CAHE Traditional Elective Rotations for senior medical students
  - Rohan Shivprasad
  - Harmandeep Kalkat
  - Samantha Parodoski
  - Brittany Penner
  - Angelle Downey
• Ken Mendoza
• B.Sc. Med Student Project
  • Stephanie Ophey
• Medicine Students Project Supervision
  • Kirsten Clark
  • Christopher Barnes
• Strategies to Support Pre–Professional Students
  • CAHE/ACCESS – MAP Meetings
• Faculty and School Indigenous orientations and teachings:
  • Teachings on Aboriginal Awareness
    • IMG Program
    • Physician Assistant Program
    • Faculty of Nursing
    • AAFP
  • Health Faculty Orientations – Bannatyne Campus Orientation Days: Medicine, Pharmacy, Med Rehab, O.T., PA, IMG, Nursing
• Joan and Dean Sandham Scholarship
  • Awarded to Crystal Cook, U of M Nursing Student
• Academic half days
• NMU
  • Summer Students Orientation
  • Small group exposure – students
  • PGY2 – Northern Medicine Remote Teaching “Cultural Safety and Importance of Self Reflection”
• CAHE Student Support/Mentorship
  • Letters of Reference
  • MMI Mock Interviews
  • Wish Clinic
• Indigenous Health Promotions Group (IHPG)

COMMUNITY ENGAGEMENT ACTIVITIES

• Renaming of the Centre for Aboriginal Health Education – in progress
• Medicine Wheel Garden
• Connecting with Kids
  • R.B. Russell School
  • Dedication of Round House
  • Mentorship Lunches and tutoring with IHPG and RB Russell Students
  • Lundar Health Career Fair
  • May 31, 2014
  • IHPG, CAHE, ACCESS, Children Rising, IERHA, and MMF
    • promotion of health careers
• Child Advocate
• DoAD – DREAM Advisory Committee
• DENE Students Visit
• Town Hall/Panel Presentations/Talks/Articles:
  • Brian Sinclair Panel and Expert Working Group
  • Sandy Bay First Nation
  • Queen's University, Medical Grand Rounds
  • Saskatoon, SK
  • ACCESS Graduation – Key Note Speaker
• AMC
  • Traditional Knowledge
  • SWOT Analysis
• CHS Colloquium Presentation
• CDA Presentation
• ICRE
• IPAC
• Childhood and Adolescent Obesity Conference
• Poverty and The Law
• Wave Magazine
• DIP (Diabetes Integration Project)
  • Swan Lake
  • St. Theresa Point
  • The Pas
  • Kenora
  • Sioux Valley
• Kookum’s group (working and supporting initiatives for Aboriginal children)
• Indigenous Hospice Functional Planning
• Indigenous Hospice Functional Planning
• Friends of the Inner City Science Centre (Margaret and Amanda)
  • Board Representatives (Margaret and Amanda)
• Palliative Care Working Group
  • Workshops four times per year on Aboriginal perspectives on palliative care
• New Directions
  • Consultations with street involved children
• WRHA Aboriginal Advisory Committee

**KNOWLEDGE TRANSLATION**

• Sweat Lodge ceremonies
• Direct support to University researchers and learners
• Drum Ceremonies:
  • Medicine White Coat Ceremony
  • Medicine Convocation
• Indigenise Faculty of Health Sciences
  • Smudging ceremonies offered to faculty, incoming, and graduating med students, etc.
  • Aboriginal Day Annual Celebration for Bannatyne Campus
• Opening/Closing Prayers
  • Research Meetings
  • Indigenous Health Lecture Series
  • Bannatyne Campus and Ft. Garry Campus
  • Community Requests
  • Section of FNMIH events
• Training/Mentoring activities
  • Monthly gatherings of student members
  • One month traditional/medical elective
  • Opportunities for First Nation community visits.
  • Pre–professional Indigenous student mentorship

**OTHER EDUCATION PROGRAMS**

Two teaching sessions were delivered in the Master of Physician Assistant Studies: Social Determinants & Indigenous Health (L. Diffey) and Interprofessional Education (B. Lavallee).

A Senior Honours Thesis project by University of Winnipeg Anthropology student, Anastasia Tanasichuk, was co–supervised by Jaime Cidro (UW) and Linda Diffey. The project focused on the experiences of Indigenous medical students. Ms Tanasichuk presented her findings at the University of Winnipeg Anthropology Colloquium in April and received an Excellence Award. Plans are currently underway to prepare the report for publication and distribution.

**STAFF**

Linda Diffey, Associate Director
Elder Margaret Lavallee, Aboriginal Cultural Specialist;
Amanda Penzick, Assistant and Acting CAHE Program Coordinator/Student Support
J.A. Hildes Northern Medical Unit

Melanie MacKinnon, Director of Programs & Administration
Dr. Anne Durcan, Associate Director of Inuit Health Program
Dr. Ian Whetter, Medical Advisor
Dr. Mike Moffatt, Senior Medical Consultant
Melody Muswaggon, Director of Nursing

Since late 1970 the J.A. Hildes Northern Medical Unit (NMU) has been the principal provider of health care to many communities in northern Manitoba and eight Inuit Hamlets in Nunavut. The goal is to provide dependable high quality medical care, promote and facilitate research that responds to the needs and wishes of the communities served, develop and foster educational programs within the communities and at the Faculty of Health Sciences, and increase awareness of health concerns of indigenous people. Clinical services include family practice and medical specialities, expanded practice nursing, renal health, diabetes foot program, diabetes retinal screening program, medical social work, human communication, and rehabilitation therapy. The support of the communities served, Manitoba Health, First Nations Inuit Health, and Health Canada is appreciated.

EDUCATION

- Co-ordinating rural week
- Early exposure summer student placements
- Supporting CAHE member students

MANITOBA

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- Northern and remote family medicine residency stream
- Coordinating clinical placement teaching sites, instructors, and mentors
- Medical students
- Specialty residents

KEY ACTIVITIES

- Stabilisation of programs and services
  - 5% physician vacancy rate
  - 5% overall staff vacancy rate
- Expansion of Specialist’s Program (ongoing)
- Creation of Physician Leadership Committee composed from seven NMU physicians and administration. The committee developed guidelines, manuals, and procedures.
- New community interest in receiving health programs and services from the NMU
- Improved recruitment and
retention
- 50 FTE UM staff members (Winnipeg and rural/remote Manitoba)
- 10 FTE UM staff members in Nunavut
- 27.5 FTE Family Practitioners (70 physicians FT, PT, and locums)
- >1022 days for Consultant/Medical Specialist (more than 76 specialists providing care)
- Cultural safety

RESEARCH
- Supporting student research opportunities by
  - helping identify research priorities
  - supporting a BSc med student every summer
- Organisational, program, student experience, and health professional evaluation
- Support and make theoretical space for Indigenous researchers and integrating Indigenous research methodologies and knowledge
- Collaborate with other researchers interested in Indigenous health
- Understanding and building research capacity to maintain highest ethical standards with partners and communities
- Establishing storytelling as bidirectional and including listening to individual’s and communities’ stories (experience) as well as our own; opening doorways and respecting Indigenous knowledge in all that we do.

COMMUNITY ENGAGEMENT
- Community engagement and information sharing with Indigenous communities
- Quarterly and Annual reports
- Quarterly Newsletters distributed to the communities we serve, focusing on, among other things, people making a difference in their communities and stories from the communities
- Bringing together our communities with our Facebook Page
- Donating frequent-flyer points to northern students to attend Discovery Days and the Bio-Medical Youth Summer Camp held annually at the Bannatyne Campus
- Member of the Aboriginal Day Planning Committee/staff participation on the day of
- Annual meetings/assemblies
- Participation in hiring committees
- NMU/UM participation on community boards/health committees upon invitation
- Annual/Bi–annual community visits
- Increased University presence at Aboriginal health events
- Attending meetings as and when required

TRAINING/MENTORSHIP ACTIVITIES
- Contributing to further development of pipeline programs and health career promotion
- Negotiating educational agreement with government partners as part of our service delivery package
- Supporting mentorship and teaching excellence by:
  - Supporting and co-ordinating medical students in elective, family medicine, and summer early exposure program, mentorship of CAHE students, resident clinical opportunities,
nurse practitioner, and
midwifery student placements

• Support the education of
speciality residents who
accompany consultants on
community visits (Ped, OB/
GYN, Psychiatry, etc.)

• Designing and teaching
Indigenous health curriculum
in undergraduate program and
Cultural Safety session(s) in
graduate and IMG programs

• Providing continuing professional
development opportunities and
establishing learning requirements
by supporting and/or developing
required CME activities

STAFF, PROGRAM AREAS &
WINNIPEG

Hodgson

Jackie Allan, Jeanette Bouchard, Sandra Harrison, Geraldine Heinrichs, Krystal Johnson–Woloshyn, Amanda Mann, Darlene Thomas, Paul Tylliros, Ann Vandersteen

Island Lake Regional Renal Health Program (Garden Hill, MB)

Renee Allard, Andrew Din, Kevin Esau, Jennifer Esau, Delta Holte, Melanie Mason, Natasha McDougall–Beardy, Tim Mentuck, Alexander Miller, Deanna Miller, Gladys Wood

Island Lake

Melanie Beardy

Grand Rapids

Melinda Munroe

Nunavut

Pascale Baumann, Allison Chidley, Alysha Friedman, Zachary Harris, Francine Mach

Winnipeg - Administrative Staff

Amanda Abele, Monica Achtemichuk, Melissa Balness, Mary Carey, Tannyce Cook, Julie Creasey, Ava Halpin, Kathy Harlos, Kimberly Hrycaiko, Jennifer Koodoo, Sheona Miller, Melody Muswagon, Hai Nguyen, Gitane Ouellet, Kathy Risk, Wendy Smith, Sylvia Sunstrum, Michelle Vandenbroeck, Gail Yacucha

Casual

There are 40+ people on casual with the various program areas.

Winnipeg - Summer Students

Ingrid Hougen, Christie Rampersad

STAFF ANNOUNCEMENTS

Dr. Mike Moffatt began a new role as Senior Medical Advisor to the Specialist Program and chair of the Physician Leadership Committee. He first joined the Northern Medical unit in 1983 providing travelling itinerant pediatric services to our communities and also served as the Director of the Unit.

Dr. Ian Whetter began as a Family Practitioner with the Unit in 2009 and has moved to an administrative role as medical advisor.

In this past year we have welcomed several new specialists: Dr. Ken Kasper, Dr. Christina Katopodis, Dr. Francis Newman, Dr. Daryl Schantz, & Sam Aminian.

Retired this past year: Dr. Jeff Ivey (35 years of service) Dr. Frances Edye (12 years) and Dr. Bill Miller (6 years).

Dr. Paul Roos (Family Practitioner) began his decade long career in
Norway House retired in March. He and his family have moved back to South Africa. He was a true gentleman physician, dedicated, always willing and available to provide patient care. His commitment to Norway House and the Northern Medical Unit was greatly appreciated.

Joy Langrell and Dorothy Parker (transcription) retired and have been replaced with Sheona Miller. Finance Assistant Kathy Cao moved to another department and Jennifer Koodoo has taken her position. Kimberly Hrycaiko filled a vacant position in our Diabetic Retinal Screening Nurse Clinician program. Amanda Abele started as our Hospital Base Coordinator after Mohamad Kadim left to attend dental school.

Sadly a few of the NMU’s alumni passed this year: Dr. Charlie Ferguson, Dr. David Grewar, Dr. Edward (Ted) Cuddy, Dr. Ethan Rubenstein, and Nurse Pauline Wood Steiman.

Both Drs. Ferguson and Grewar were a part of the cohort that was the driving force in the creation of the NMU. Dr. Grewar began travelling north in the 1950’s and Dr. Ferguson in the 1960’s. They were the embodiment of the NMU’s mission, before we had a Mission Statement, that is to honour relationships, inspire minds, and contribute to the health and well-being of First Nations, Metis, and Inuit children, families, and communities. Dr. Ferguson was a consultant from the inception of the Unit until 1993 and Dr. Grewar retired after 38 years with the NMU.

Dr. Cuddy was the NMU’s cardiology consultant from the early 1970’s until the late 1980’s.

Dr. Ethan Rubenstein, Infectious Disease, became a consultant to the NMU in 2004 and his last trip with us was in May 2014. He focused mainly on indigenous health research; H1N1, MRSA, diarrheal disease to name a few.

Pauline Wood Steiman began her nursing career in 1974 and has been associated with the NMU ever since. Pauline left behind a strong legacy. And as a First Nations woman she blazed the trail for many to follow.

The Caribou Heard, Vol. 13, No 1 - 2015 included tributes to all of these giants of the NMU.

http://umanitoba.ca/faculties/health_sciences/medicine/units/community_health_sciences/departmental_units/north_medical/newsletters/
Manitoba First Nations Centre for Aboriginal Health Research (MFN-CAHR)
Dr. Josée Lavoie, Director

An important accomplishment for Dr. Lavoie has been in the development of a theoretical framework that informs contracting in health in the Non-Government Organisations and Indigenous sectors. This framework, which is based on her PhD thesis, has now been used in Canada to inform the administrative streamlining of health services delivered on First Nations reserves. This framework has been adopted and adapted by a team of researchers from Flinders University in Australia that she was asked to join, and is the basis of a nation-wide research project that will inform the administrative streamlining of Aboriginal community-controlled health services.

The same framework is now informing discussion of the international working group, Contracting at the margins. This group includes Dr. Jackie Cumming (NZ), Amohia Boulton (NZ), Anthony Raymont (NZ), and Judith Smith (UK). It focused on advancing contracting in health theory. We held our first team meeting in Wellington, NZ in February 2008. A follow up meeting took place in Brisbane in November 2009. We met again in Wellington in April 2010 to discuss a NZ-wide project, looking at the engagement of the NGO sector in primary health care. We continue to collaborate on publications.

Another important accomplishment for Dr. Lavoie has been the use of a known method in an innovative way. In 2007, she was able to secure CIHR funding to assess the performance of the Manitoba on-reserve primary healthcare services. To do that, we looked at rates of hospitalisation for Ambulatory Care Sensitive Conditions over a 20-year period. While this method is well known, it had not been use to assess the performance of primary health care system on a per community basis, in order to identify communities that are more (or less) effective at addressing their primary health care needs. Using this method, we were able to demonstrate that First Nations communities who have signed a transfer agreement and therefore exercise local control over primary health care are more effective at lowering their rates of avoidable hospitalisation.

Following a presentation to senior Manitoba Health policy staff and the Assistant Deputy Minister, we submitted a proposal to CIHR (Dr. Alan Katz, PI, Lavoie, Co-PI) to undertake an assessment of the performance of the primary health care section in all Manitoba communities, and to learn from those who have demonstrated being more effective at lowering their rates of hospitalisation for ACSC. The lessons learned from this project will provide evidence to support the development of more effective primary health care in rural and remote communities across Canada and beyond. Dr. Lavoie is in discussion with Australian primary healthcare researchers regarding the possibility of pursuing a similar study in Australia.

Dr. Lavoie continues to work closely with the Manitoba Centre for Health Policy, whose support has been central to the development of her quantitative research skills. She also maintains a
close partnership with the Assembly of Manitoba Chiefs, and continues to collaborate on three research projects.

Dr. Lavoie set up a new research partnership with the BC First Nations Health Council, which led to a CIHR funded project, with Dr. Pat Martens from the MCHP, Dr. Michael Green from Queens University Institute for Evaluative Sciences, and Dr Sabrina Wong from the UBC Centre for Health Services Policy and Research.

HIGHLIGHTS

Voices in Indigenous Health: From the Wisdom of the Elders to the Stories of the Youth (INIHKD 2014), 5-9 October 2014 was held at the RBC Convention Centre in Winnipeg.

Since 2003, the INIHKD has alternated its biennial conference through Australia, Canada, Aotearoa/New Zealand, and the United States. INIHKD creates a place for Indigenous–led and community–focused exchange of ideas, models, and experiences in Indigenous health research, workforce development, and education and training. This year we focused on our Elders and training and mentorship for new Indigenous researchers and research students.

• Over 325 Indigenous and supporter health service providers, community members, researchers, and policy makers engaged in more than 170 oral and poster presentations and interactive workshops.

• Presentations included key challenge areas such as food security, diabetes, depression, and chronic diseases. Yet many are culturally grounded progressive approaches to such challenges. Examples:

  • Reducing Obesity Through Grass Roots Movements… Identifying Strengths Through Photovoice among Indigenous Women
  • Reclaiming the Spaces for Teaching and Learning for Health and Wellbeing: Decolonizing Nurse/Midwifery Education in Australia.
  • Our Elders Have Spoken: Are We Listening?
  • Ko té Marae te Mataiki: The Marae is Our Source of Strength

• Presentations were also focused on Indigenous–specific research methods, which by virtue of their occurring within Indigenous world views, are unique in the research world.

On Wednesday 8 October 2014, the NEAHR hosted a Grant Writing and Peer Review Workshop on Day 3 of the INIHKD conference held in Winnipeg, MB. Thirty people attended the workshop. Workshop presenters included Dr. Michael Hart – Indigenous Approach to Research and Grantsmanship; Dr. Sharon Bruce – Overview of Peer Review Process; Dr. Michael Moffatt – Best Practice for Writing Grant Proposals with a focus on collaborative research and partnerships; and Dr. Keith Fowke – Scholarship/Fellowship, Components of Scholarship. Participants also worked in break out groups towards the end of the day with the guidance of Dr. Keith Fowke. Dr. Catherine Cook opened the workshop to all participants and Elder Margaret Lavallee led the group in an Opening Prayer. Workshop participants, presenters, and invited mentors had a chance to discuss work and share stories. The workshop closed with many positive comments and positive feedback messages.
Enhancement Award

This award will allow MFN CAHR to develop a 1.5 hr graduate level reading course—“Community Engagement & Program Science”—as a required component of the “Promoting Community–University Partnerships in Global and Indigenous Health Research” scholarship program which is funded by the Queen Elizabeth II Diamond Jubilee Scholarship program. The proposed course emphasizes an experiential learning component in collaboration with community partners. Course development will include instructors, students, and community–based organisations ensuring that the interests of marginalised communities and students are prioritised. Development will entail student engagement with CBOs, interviews with community members, and development of instructional multimedia.

Queen Elizabeth II Diamond Jubilee Scholarship Program

• The Manitoba First Nations Centre for Aboriginal Health Research was selected as one of 34 Canadian universities to manage projects that will offer scholarship opportunities to more than 1,900 university students in the Commonwealth. The proposal is titled: Promoting international community–university partnerships in global and Indigenous health. It is led by Dr. Josee Lavoie, Director, Manitoba First Nations Centre for Aboriginal Health Research (MFNCAHR) and Associate Professor in the Department of Community Health Sciences, College of Medicine, Faculty of Health Sciences.

• The project will be undertaken with the Centre for Global Public Health and the Department of Medical Microbiology. The three project partners will work with the support of additional program partners in Australia, New Zealand, India, and Kenya. The program goal is to create a community of global inter–disciplinary and program–engaged scholars who will become leaders in global and Indigenous health research. The focus of this scholarship program will be informed by community engagement, community–based participatory research, and program science principles. Scholarships will be provided to outgoing undergraduate and graduate students and for incoming graduate students from our partnering Commonwealth countries. It will also facilitate scholar–community engagement, in collaboration with our Winnipeg–based community partners, the Assembly of Manitoba Chiefs, Manitoba Metis Federation, and the Manitoba Inuit Association.

• The Queen Elizabeth Scholars will benefit from the University’s sustained partnerships in Nairobi, Kenya, and Bangalore, India, as well as the community partners, and strong research ties in Indigenous health research in Australia and New Zealand. The project will link these established training programs to facilitate greater cross–cultural learning opportunities for the scholars. The Canadian Queen Elizabeth II Diamond Jubilee Scholarships will help develop the next generation of innovative leaders and community builders, both locally and globally. Canadian students at the undergraduate and graduate levels will participate in
internships or academic study for periods of three months to one year in another Commonwealth country. Scholarships will also be available to students from Commonwealth countries to attend a Canadian university for masters or doctoral studies. The Scholarships form part of university–designed projects that address pressing local, national, and global issues.

Honouring the Voices: 40 years of Frist Natin, Metis, Inuit, and Indigenous Health Research in Manitoba.

- Manitoba has been a leader in partnership–based research with First Nations, Metis, Inuit, and Indigenous communities and organisations and university–based researchers for over 40 years. While initial collaborations varied in their degree of collaboration, today’s partnerships reflect a respect for self–determination and Indigenous knowledge. Over four decades, the Manitoba research community has listened and learned from First Nations, Metis, Inuit, and Indigenous communities and organisations, and used lessons to transform the context and practice of health research in Manitoba, Canada, and beyond. It is time to reflect back, take stock of accomplishments, and set the course for the future.

- The purpose of the Manitoba First Nations Centre for Aboriginal Health Research (MFN CAHR) Honouring the Voices project is to collect stories, reminiscences, and photos in view of an exhibition and feast, website, and book. The exhibition and website launch will be held in fall 2015, as part of the launch of the new Faculty of Health Sciences. This is an opportunity for communities, partner organisations, and the research communities to come together and tell their part of the story to enhance our understandings of the partnerships that produced a revolutionary vision of how to engage in First Nations, Metis, Inuit, and Indigenous health research.

RESEARCH

MFN CAHR continues to support research activities and researchers in First Nations, Metis, Inuit, and Indigenous Health with 1 MFN CAHR active research project, 16 affiliated active research projects, 3 new MFN CAHR research projects awarded, and 6 new affiliated research projects awarded.

AWARDS

Dr. Jaime Cidro, University of Winnipeg, NEAHR New Investigator, awarded her first CIHR grant, Birthing Project in Norway House, under the Aboriginal Two Eyed Seeing Program.

COMMUNITY ENGAGEMENT

- Publication writing retreat offered biweekly to Assembly of Manitoba Chiefs researchers
- National Aboriginal Day Celebrations – MFN CAHR representatives are active NAD Planning Committee members for the University of Manitoba National Aboriginal Day Celebrations held every year at the Bannatyne Campus

KNOWLEDGE TRANSLATION

- PMFN CAHR representatives on
INIHKD Conference Planning Committee. The international conference was held in Winnipeg, October 2014.

VISITING ACADEMICS/ RESEARCHERS

• In September 2014, MFN CAHR was honoured to host Dr. David Goldsmith, an occupational and environmental epidemiologist, as an American Fulbright Scholar during the Fall 2014 academic term. As a Fulbright Scholar, Dr. Goldsmith is recognised as an established researcher who has been awarded the Fulbright Visiting Research Chair in Science, Technology, Engineering or Math at University of Manitoba, and focuses on environmental epidemiology and First Nation’s health links while in Winnipeg.

• Visiting Researcher, Dr. Bonnie Hillsberg presented on 26 September 2014 on “U.S. affordable care act: Its impact on access to care for American Indian and Alaska Native communities.” Dr. Hillsberg is a nationally recognised public health advocate and board certified licensed chiropractor. Dr. Hillsberg is currently serving as a health insurance specialist managing outreach and education activities in the U.S. Department of Health and Human Services (DHHS), Division of Tribal Affairs at the Centers for Medicare and Medicaid Services.

STAFF

Dr. Josée Lavoie (Director)

Affiliated

Dr. Joseph Kaufert, Dr. Barry Lavallee, Dr. Catherine Cook, Dr. Marcia Anderson Decoteau

Research Associates

Dr. Natalie Riediger, Amanda Woods, MA

Support

Henry Dyck, Info Technologist; Chantal Edwards, Financial Assistant

Student Research Assistants

Derek Kornelsen, Darrien Morton, Stephanie Ophey, Kerry Spence

Support Unit Users

Dr. Sharon Bruce, Dr. Michelle Driedger, Dr. Brenda Elias, Dr. Deborah McPhail, (Community Health Sciences), Dr. Javier Mignone (Human Ecology), Dr. Annette Schultz (Nursing), Dr. Tracey Galloway (Anthropology), Dr. David Goldsmith (Georgetown and George Washington University), Assembly of Manitoba Chiefs, Manitoba Metis Federation, Manitoba Inuit Association
OTHER ACADEMIC STAFF

DR. TRACIE AFIFI

Program of research addresses two important public health areas: child maltreatment and problem gambling.

KEY ACTIVITIES


2. 2014 Rh Award for Outstanding Contributions to Scholarship and Research in the Health Sciences category at the University of Manitoba, Winnipeg Rh Institute Foundation ($12,000).


MEDIA

1. 2014 Print and online: CBC (January 17, 2014, VLT centre on Shubenacadie land opens despite concerns); Global (January 17, 2014, Video lottery terminal opened on First Nations land in Hammonds Plains); CTV (January 17, 2014, VLT centre on Shubenacadie land opens despite concerns) GlobalPost (January 17, 2014, New VLT centre opens in Halifax despite outcry from neighbourhood residents); Reuters US edition (March 20, 2014, Spanking tied to likelihood of child protective service visits); HealthDay (April 29, 2014, Spanking may be more common than parents admit by Barbara Bronson Gray); CNN by Steven Holmes (September 18, 2014, Does spanking harm the black community?): TIME Magazine by Kareem Abdul–Jabbar (September 24, 2014, Not everyone in the village is worthy of raising a child). Newsweek (December 19, 2014, Children’s movies are rife with murder, says science.


4. Media
ANNUAL REPORT - 1 APRIL 2014 THROUGH 31 MARCH 2015

Health Centre: Newcomer
Workers Stories Matter: Collective Narrative from workers in the food processing industry (internal pilot study)

STAFF (RESEARCH ASSISTANTS)
Tamara Taillieu, Ryan Nicholson, Kristene Cheung, Sarah Turner

DR. ROBERT CHASE
Dr. Chase’s research area focuses on the Life Story Board, an innovative visual interview tool with a play board, cards and notation system that overcomes some limitations in psychosocial practice and research approaches (www.vidaview.ca).

KEY ACTIVITIES
1. LSB training workshops (Winnipeg Sept 27; Toronto Oct 24, Cornwall Oct 27)
2. Invited Faculty Visit to Bhutan to explore pilot project regarding Life Story Board methods for use by psychiatric staff, school counselors, and Suicide Prevention Unit, Ministry of Health (November 2014)
3. Research projects:
   a) Ottawa: Experiences of Harm Reduction in relation to Injection Drug Use in Ottawa: Community-Based Research Applications of the Vidaview Life Story Board (CIHR Social Research Centre in HIV Prevention; $17,971, PI Dr Claire Kendall)
   b) Winnipeg: MFL Occupational Health Centre: Newcomer
   c) Graduate Student projects
      i) Paula Migliardi, University of Manitoba: African Women Living with HIV use photography and digital storytelling to reflect on care and supports (CIHR dissemination grant application)
      ii) Jessica Ticar, PhD Education candidate, U Western Ontario: Investigating Filipino youths’ transnational identities in urban schools (SSHRC grant application)
      iii) Paulina Napastiuk, MSW candidate U of Victoria: The Met and Unmet Mental Health Needs of Vancouver’s Homeless Youth
      iv) Meck Chongo, PhD candidate, U Northern BC: Revisiting Historic Trauma: Impact on Treatment in Aboriginal Males Living with HIV/AIDS in British Columbia

DR. KAREN DUNCAN
Graduate Teaching: FMLY 7710 Families and Caregiving Across the Lifespan
Undergraduate Teaching: FMLY 2400 Family Financial Health
FMLY 4480 Work and Family Relationships

Graduate Student Advising:
• Rachael N. Pettigrew, Individual Interdisciplinary Studies PhD (Family Social Sciences, Sociology, and Management), Thesis Advisor, October 2014 graduate.
• Thesis advisor for six Family Social Sciences master’s students.
• Thesis committee member for four Family Social Sciences master’s students, one Human Nutritional Sciences master’s student, one Education master’s student, one Management doctoral student, and one Education doctoral student.

Research Activity: My research during the year focused mainly on two key projects: the economic costs of caregiving (funded by HRSDC, now Employment and Social Development Canada) and income inequality at midlife (funded by SSHRC). A paper from each project was presented at the Canadian Research Data Centre Network (CRDCN) Conference in Winnipeg, October 29-31, 2014. Manuscripts are in review on each project. In addition, work began on a SSHRC Partnership Development grant on public policy-oriented research in the consumer interest.

Student Trainee: Iresha Ratnayake.


Community Service:
• Editor, Consumer Interests Annual, the Proceedings of the American Council on Consumer Interests Annual Conference, Milwaukee, WI, April 9-11, 2014.
• Conference Chair, American Council on Consumer Interests Annual Conference, 2015.
• Invited participant, National Listening Tour, Vanier Institute of the Family, May 27, 2014.
• Invited consultation on food prices, Public Interest Law Commission, September 8, 2014.
• Board of Directors, Community Financial Counselling Services, also served on the Strategic Planning Committee and the 40th Anniversary AGM Planning Committee.
• Financial Literacy Forum, Manitoba.

DR. BRENDA ELIAS
Visiting Academic Scholar, University of Sydney, Sydney, New South Wales, Australia, December 2014.

Graduate Teaching: Teach two courses, Social Organisation of Health and Health Survey Research Methods in the Faculty of Health Sciences, College of Medicine, Department of Community Health Sciences.

Undergraduate Teaching: Co–Lead and Lecturer, Med III, Block Four, Scholarship in Medicine Academic Half Day, What drives change in population and public health?

Graduate Student Supervision:
• Moni Fricke, Ph.D. in Community Health Sciences, University of Manitoba, Thesis Advisor
• Rae Spiwak, Ph.D. in Community Health Sciences, University of Manitoba, Thesis Advisor
• Shay Lee Bolton, Ph.D. in Community Health Sciences, University of Manitoba, Thesis Advisor
• Jessica Erynne Sjoblom, Master's of Community Health Sciences, University of Manitoba, Thesis Advisor
• Pamela Skrabek, Masters of Community Health Sciences, University of Manitoba, Thesis Co–Advisor
• Christopher Andrew Basham, Masters of Community Health Sciences, University of Manitoba, Thesis Advisor
• Pepper–Mackena Pritty, Masters Interdisciplinary Studies (linked to NSERC H20 Create Program), Thesis Co–Advisor

External PhD Reviewer (International)

• Heike Schütze, Ph.D. in School of Public Health and Community Medicine University of New South Wales (Australia), Thesis External Reviewer.
• Rachelle Arkles, Ph.D. in School of Public Health and Community Medicine, University of New South Wales (Australia), Thesis External Reviewer.
• Megan Williams, Ph.D. in School of Public Health and Community Medicine, Thesis External Reviewer.

Research Acknowledgement


Media Interview

TB rates for aboriginals soar, Winnipeg Free Press, 31 May 2014

University Committees

University of Manitoba, Senator; and at the College of Medicine, member of Executive Council, member of the Diversity Working Group, chair of the Diversity Research Working Group, and reviewer for the University of Manitoba Health Research Ethics Board.

Research Grant Reviewer

Canadian Institutes of Health Research (CIHR), Foundation Grant Reviewer and New Investigator Award Committee; and University of Manitoba, Internal Grant Reviewer for CIHR Proposals – Socio–Cultural Pillar.

Community Service

Judge, University of Manitoba Faculty of Medicine Research Day – Manitoba Poster Competition – Canadian Student Health Research Forum, June 2014

DR. LAWRENCE ELLIOTT

Graduate Teaching: Principles of Epidemiology II (CHSC 7530, 3 credit hours)—annually; and Ecology of Infectious Diseases (MMIC 7220, 6 credit hours, co-instructor)—semi-annually. Advisory Committees of three PhD, two Medical Microbiology MSc and ten MPH students.

Undergraduate Teaching: Med 1, Pre-clerkship, and Clerkship Tutorials; Med 2 Summer Research Project Co-Supervisor.

Postgraduate Teaching: Public Health and Preventive Medicine Residency – academic half-day lecturer and practice oral examiner.

Departmental Committees and Administration:
- Associate Department Head, Community Health Sciences
- Executive Committee, CHS
- MPH Committee and Admissions, CHS
- Chair, Undergraduate curriculum review working group
- University Committees
- Senate Committee on Academic Computing
- Paul H.T. Thorlakson Foundation Advisory Committee

University Committees:
- Senate Committee on Academic Computing
- Paul H.T. Thorlakson Foundation

Advisory Committee

National Academic Committees Representing the University of Manitoba:
- RCPS(C) - Public Health and Preventive Medicine Nucleus Committee (Vice-Chair)
- Medical Council of Canada - OSCE Exam Committee

DR. SARA KREINDLER

HIGHLIGHTS

I spent this year launching a research program on health system change, with the dual foci of patient flow and primary care renewal. In keeping with the approach of integrated KT, much time was devoted to engaging stakeholders in designing research that will meet their knowledge needs. In the Manitoba context, I led a team of researchers, decision-makers from the Province and four RHAs, and physician leaders in a successful application to Research Manitoba’s Applied Health Services Research competition; we have now embarked on a mixed-methods study to examine the province’s experience with primary care renewal and chart the way ahead.

Building a team for multi-jurisdictional research to improve patient flow took me further afield, on a tour of eight cities that started with a presentation to the Western Healthcare CEO Forum and ended with the achievement of full participation from the urban health regions of Western Canada. The development process, which also included an environmental scan of regions’ structural, service, and population features, was supported by a CIHR Planning Grant that I received in early 2014. Our team—weighing in at over 40 members, including
of Medicine Research Day – Manitoba
Poster Competition – Canadian
Student Health Research Forum, June
2014

Other activities have included
several publications and conference
presentations/posters; committee
participation (CHI Scientific Advisory
Committee and Strategic Learning &
Evaluation Team, Planning Committee
for CHI physician engagement forum,
Winnipeg Harvest’s Health & Hunger
Committee); and service on a PhD
thesis committee.

VERENA MENEC

HIGHLIGHTS

Continued enrollment of participants
into the Canadian Longitudinal Study
on Aging. Nationally, close to 50,000
individuals between the ages of 45 and
85 have been enrolled in 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 Bldg).

• On–going research activities
  in the area of age–friendly
  communities.
• Hosted successful 31st annual
  Centre on Aging Spring
  Research Symposium on
  May 4–5, 2014 on the topic
  of: Aging around the World;
  Aging in a New Homeland.
  Besides local speakers, the
  Symposium hosted two
  high profile national and
  international speakers. Invited
  speakers were: Dr. Emem
  Omokaro, Executive Director,
  The Dave Omokaro Foundation
  from Nigeria and Greg
  Shaw, Director, International
  & Corporate Relations,
  International Federation on
  Ageing.

KEY ACTIVITIES

Research

Projects worked on in 2014/2015
included, among others:

• Canadian Longitudinal Study on
  Aging
• Barriers and facilitators to making
  communities age–friendly: International perspectives
• Perceptions of neighborhood
  walkability and walking

Review Processes

Editorial Board: Journal of Aging and
Health; Journal of Aging and Social
Policy

Manuscript Reviews: Journal of Aging
and Health, Canadian Journal on
Aging, Ageing & Society, Journal of
Gerontology: Social Sciences, Journal
of Aging and Social Policy

Committees

Internal: CHS Tenure & Promotion
mentoring committee
CHS Candidacy
examination subcommittee
CHS Executive committee
CHS Graduate program
committee
College of Medicine
graduate program
committee
Faculty of Graduate Studies
Council

External: Chair, Social Science
Division, Canadian
Association on
Gerontology, 2014 –
Optimal Aging Portal
Advisory Committee, 2012
Canadian Longitudinal Study on Aging, Knowledge Transfer Committee, 2011–
Canadian Longitudinal Study on Aging, Interim Data Access Committee, 2011 –
Canadian Longitudinal Study on Aging, Operations Committee, 2009 –
Public Health Agency of Canada (Division of Aging and Seniors), Age–Friendly Communities Reference Group, 2011 –
Transportation for Older Adults Network (TONS), Advisory Board, 2010 –

COMMUNITY ENGAGEMENT ACTIVITIES

- Conducted workshop to allow in–depth discussion among participants on issues affecting older immigrants and their families and look at possible solutions to promote change. A total of 46 individuals attended the workshops and discussed three topics relate to immigrant seniors: social engagement and leisure activity participation, health care services, and housing. A report of findings was prepared and shared with the Province of Manitoba’s Seniors and Healthy Aging Secretariat.
- Continued partnership with the Province of Manitoba’s Seniors and Healthy Aging Secretariat on the Age–Friendly Manitoba Initiative

KNOWLEDGE TRANSLATION ACTIVITIES

Centre on Aging events organised in my position as Director (up to June 30th, 2014)

- Four major knowledge dissemination/public engagement events:
  - Annual Centre on Aging Research Forum, 5 April 2013, invited panel to reflect on the Centre on Aging’s 30–year history (attendance: ca. 60)
  - Centre on Aging 35th Annual Spring Research Symposium, 4-5 May 2013 held to promote dialogue between University researchers and the community–at–large (attendance: ca. 250 individuals).
  - Hosted or co–hosted four seminars with faculty members.

Centre on Aging – Other activities to promote issues of aging and research in aging

- The Centre on Aging News continues to be published three times a year.
- The Centre compiles and distributes Weekly Updates to Research Affiliates and graduate students in aging, an e–mail information service consisting of news items, funding and fellowship opportunities, global and local conferences, public lectures, etc. The Centre on Aging maintains the provincial Age–Friendly Manitoba Initiative website on behalf of the Manitoba Seniors and Healthy Aging Secretariat.
- The Centre on Aging provided two research fellowships to Faculty members working in the area of aging.
- The Centre provided five
scholarships for students and adjudicates two Alzheimer Society of Manitoba scholarships on behalf of the Society.

MEDIA INTERVIEWS

- CBC Edmonton (background interview with reporter, 15 October 2014)
- News Talk 770 radio, Calgary (live interview, 6 June 2014)
- Winnipeg Free Press (interview with reporter, 1 May 2014)
- CBC Kamloops (interview with reporter, 9 April 2014)

TRAINING/MENTORING ACTIVITIES

**Thesis Supervisor**
- Cara Brown (PhD: on-going)
- Sheila Novak (PhD: on-going)
- Oskana Harasemiw (Masters: on-going)
- Sneha Abraham (Masters: graduated May 2015)

**Thesis Committee Member**
- Mansa Asaam (Sociology, Masters: on-going)
- Eun Kyeong Do (Social Work, Masters: on-going)
- Melina Elliott (Family Social Sciences, Masters: on-going)
- Lea Rempel (City Planning, Masters: on-going)
- Shauna Zinnick (Community Health Sciences, Masters: on-going)
- Hai Luo (Social Work, PhD: on-going)
- Caley Miskimmin (Family Social Sciences, Masters: graduated 2014)

**International Exchange Students**
- Aletheia Bajotto Peters (Brazil)
- Dione Silava Uester (Brazil)
Teaching
• CCHS 7710 Social Aspects of Aging
• CCHS 7720 Healthy & Aging

STAFF

Support Staff
Catherine Jacob, Rachel Ines, Scott Nowicki, Sheila Novek,

Student Research Assistants
Shauna Zinnick

Research Associates
Jim Hamilton, Anthony Lombardo, Nancy Newall

STAFF WORKING ON CANADIAN LONGITUDINAL STUDY ON AGING

Coordinator: Audrey Blandford

Interviewers: Sue Dauphinais, Elizabeth Drewnik, Melina Elliott, Levi Garber, Hilary Johansson, Jessica Lezen, Hunter Logozar, Catherine Marshall, Sara Matyas, Samantha Robertson, Laura Smith, Jessica Visser, Eva Weingart

X–ray Techs: Lisa Mestdagh, Gaylene Romero, Erica Evans, Darcy Gudmundson

Lab Techs: Bea Fabo, Connie Rattana, Kenna Leach

Research Assistants: Danielle Thordarson, Chen (Karen) Shen

DR. PIERRE PLOURDE

Graduate Teaching: Epidemiology of Communicable Diseases (CHS 7450, lecturer, 3 credit hours); Clinical Parasitology (MMIC 7140, course coordinator and lecturer, 3 credit hours)

Undergraduate Teaching: Med 1 Tutorials and Lectures, Med 2 Tutorials and Lectures, Med 3 TTC Lecture, Med 4 Medical Student International Interprofessional Elective Supervisor (Université Saint Boniface/Haiti)

Postgraduate Medical Education: Public Health and Preventive Medicine Residency (academic half–day lecturer, WRHA public health rotation preceptor, practice oral examiner); Infectious Diseases/Medical Microbiology Residency (academic half–day lecturer, WRHA Tropical Medicine Clinic preceptor); Internal Medicine and Family Medicine Residency (academic half–day lecturer); Examiner, MCC Qualifying Examination Part II (Medical Council of Canada)

Research Initiatives: molecular epidemiology of gonococcal isolates in Winnipeg matched to sexual network analysis (collaboration with Dr. John Wylie); geographic mapping of “high risk” MSM, FSW, and PWUD in Winnipeg (collaboration with Dr. Jamie Blanchard at the Centre for Global Public Health and John Wylie); youth sexual behaviour social marketing best practices implementation and evaluation in Winnipeg (collaboration with Health in Common); mapping syphilis outbreak networks to understand most efficient interventions (collaboration with University of Toronto mathematical modelers); establishing and implementing a research and evaluation framework within WRHA Integrated TB Services (ITBS)—five working groups have developed key outcome indicators within the various spectrums of TB services; pilot project studying the utility of a patient dignity tool in improving TB/LTBI patient engagement and staff workplace satisfaction (funding from Manitoba Patient Access Network); working with Medical Council of Canada Part II MCCQE committee to develop new formats and approaches to OSCE examinations
University of Manitoba/WRHA Administration: Medical Director, Integrated Tuberculosis Services; Medical Director, Travel Health and Tropical Medicine Services (Population and Public Health Program); Medical Director, Healthy Sexuality and Harm Reduction Services (Population and Public Health Program)

University Committees: Undergraduate Education Committee (Department of Community Health Sciences), Undergraduate Education Population Health Curriculum Development Committee (Department of CHS), Medical Microbiology Council (Department of Medical Microbiology), Infectious Diseases Section Committee (Department of Internal Medicine)

National Committees representing the University of Manitoba: Member, Test Committee in Objective Structured Clinical Evaluation (OSCE) (Medical Council of Canada Qualifying Examination Part II, MCC); Chair, Medical Board Subcommittee, Health Partners International of Canada (HPI Canada)

International Academic Activities: Team Leader, EMAS Canada community development and capacity building project (Port-au-Prince, Haiti); Lecturer and Faculty mentor, Hôpital Sainte Thérèse de Hinche (teaching hospital) partnership with Partners in Health/Zanmi Lasante, MSPP (Haitian Ministry of Population and Public Health), Dartmouth College (USA), McGill University, and HPI Canada

DR. KATHRYN SIBLEY

Key activities including programs, awards, community engagement, knowledge translation, and training/mentoring activities

- Organised and hosted “Manitoba Patients as Research Partners” workshop on 17 April 2015 to launch the development of a provincial network and strategy to increase meaningful patient and public involvement in health research
- Gave invited presentations on integrating knowledge translation science into fall prevention research at Riverview Health Centre and Health Sciences Centre (2)
- Provided knowledge translation consultation on two community health science grant applications (to J. Wylie and S. Shooshtari)
- Facilitator for “Learning Patient Safety and Quality Interprofessionally” Interprofessional Education Initiative

STAFF

- Courtney Bell, Research Assistant

DR. MAHMOUD TORABI

KEY ACTIVITIES

Research in terms of publications (17 peer-review papers), collaboration with the faculty members in the CHS and also with other departments in the faculty of Medicine.

Service to CHS such as Colloquium Director, member of the Adjudication Committee for the WRTC, member of CHS Executive Committee, Associate Editor of American Journal of Biostatistics, member of the Scientific Advisory Committee for the 2015–2016 Cancer Care Manitoba Foundation operating grant, judge on Students Presentations at the Statistical Society of Canada (SSC) Annual Meetings, chair and organiser of two invited sessions at the national (SSC) conference.
Reviewed 21 papers for journals in Medicine and Statistics.

Teaching the graduate courses:
Statistical Methods in Spatial Epidemiology (CSHC7610) in Fall 2014;
Biostatistics for Community Health Sciences 2 (CHSC 7830) in Winter 2015;
Spatial Statistics (STAT 7360) in Winter 2015. Also, participated in three PhD and one MSc committees as an internal advisor.

STAFF


TRAINING/MENTORING ACTIVITIES

Please see the item “STAFF” above for the list of my research assistants for the period 2014–2015. Also completed:

• Doaa Ayad, MSc, Department of Statistics, Missing Data in Longitudinal Data Analysis, Supervisor, Jan 2013 – Dec 2014.

• Mohammad Nourmohammadi, PhD, Department of Statistics, Some Contributions to Rank Set Sampling, external advisor, Jan 2010 – Nov 2014.

• Saila Preveen, MSc, Department of Community Health Sciences, A comparative Perception–Based Study of the Quality of Care in Primary Healthcare Clinics in Manitoba, internal advisor, Sep 2011 – Nov 2014.

ON GOING

• Shabnam Balamchi, PhD student, Department of Statistics, Some Contributions to Spatial Statistics, Supervisor.

• Erfanul Hoque, MSc student, Department of Statistics, Some Contributions to Longitudinal Data Analysis, Supervisor.

• Elaheh Torkashvand, PhD student, Department of Statistics, Rank Set Sampling in Small Area Estimation: Application to Public Health, Co–supervisor.

• Rojiar Haddadian, PhD, Department of Statistics, Survival Analysis and Measurement Errors, internal advisor.

• Yang Cui, PhD, Department of Community Health Sciences, Children in Care Manitoba, internal advisor.

DR. KERSTIN STIEBER ROGER

ONGOING RESEARCH


The research is completed and papers have been submitted for K. Roger, Penner, L. (2014-15). ‘Experiencing the Invisibility of Parkinson’s Disease in Manitoba’, B. W. Fallis Parkinson’s Care Grant, $3,000

There is ongoing data collection, paper preparation and KT activities for J. Oliffe, Ogrodniczuk, J. (2014-16). ‘Masculinities and men’s depression
and suicide network (MD&$-Net)’ Movember Grant. Roger, K. (co-applicant and co-team leader for Project 3 based in Manitoba). $2,950,093.

Currently conducting data collection for L. Penner, Roger, K., Clements, K. (2013-14). ‘Nurses who lost patients to Suicide’, Brandon University Research Committee (BURC) grant, $7,454.

This research project received RPP funding which we needed to decline due to overlapping grant success with MHRC. We are currently preparing the deliverables after data collection for the G. Thompson, S. McClement, T. Hack, H. Chochinov, K. Roger, P. St. John. Developing a question prompt sheet for family caregivers of older adults with dementia living in long-term care – Manitoba Health Research Council, July 1, 2011-June 30, 2013. Funds awarded: $152,053.


**DATA**

- Excellence in Teaching Award, Manitoba Association of Home Economists (MAHE), 2015.
- Barbara Borges – PhD student under my supervision, UMGF, two years 2015-17, $36,000.
- Brittany Sierdzacki – Masters student under my supervision, UMGF, 2015, $14,000.
- Megan Ferguson – Undergraduate student under my supervision, 2015, University of Manitoba
- Undergraduate Research Summer Award, $6000.00

**COMMUNITY ENGAGEMENT**

2015  Man Up Against Suicide – hosted three photovoice exhibits in Winnipeg, Stonewall, and Neepawa Manitoba. More upcoming planned.

**TRAINING/MENTORING**

Teaching: Two 3 credit hour courses in fall 2015, undergraduate course I developed on global aging and risk (20 students); graduate level qualitative research methods that I developed (4 students), three 3 credit hour courses in winter 2015: 2650 and 7610; fall 2014 3220.

Supervision of 3 Graduate Students: Brittany Sierdzacki (proposal defended - care homes and training the trainer on education related to dementia); Barbara Borges (PhD) (education and seniors – successful candidacy exam, preparation of proposal underway); Morgan Stirling (data collection underway - LGBT and seniors); sits on other graduate student committees in other departments as well.


Supervision of Undergraduate Students: Field Placement for 60 hrs fall 2015 (Keeley Christensen); Summer Research Placement full-time (Megan Ferguson)

Supervision of Staff on Grant: MaryAnne Nurmi (full-time staff); James Urquhart (part-time)
COMMITTEES/OTHER

2015 Director, Qualitative Research Group (QRG), new website was developed this year. Ongoing speakers and activities for University of Manitoba, as well as community members.
2015 Chair, FSS/CHS Undergraduate Program Committee
Member, SubCommittee, Curriculum Development, Bachelor of Health Studies Committee
2015 University of Manitoba’s ‘Strategic Planning Committee Research Working Group’.
2013 Adjunct Professor, Faculty of Education, ongoing
2010-15 Undergraduate Curriculum Committee, Chair 2011-12 and 2014-15
2007-14 Advisory Board, Centre on Aging, three times annually, three year term, began in fall 2007
2007-14 Chair, Curriculum Committee Faculty Human Ecology, 2013-15
2008 ongoing Journal Article Reviews
• International Journal of Qualitative Studies in Health and Well-being, average of three a year
• International Journal of Qualitative Methods, average of one a year
• Qualitative Health Research, started 2012, average of two a year
• Canadian Medical Association Journal, average of one a year
• Journal of Comparative Family Studies, University of Calgary
PUBLICATIONS

BOOKS, BOOK CHAPTERS, AND BOOK REVIEWS


Roos NP, O’Grady K, Turczak, S, Tapp C and Jolivet L. Making Evidence Matter in Canadian Health Policy. 2014. Also available in PDF format: http://umanitoba.ca/outreach/evidencenetwork/archives/17545


JOURNAL ARTICLES - 2015


Mudryj AN, Aukema HM, Yu N. Intake


Stein DR, Shaw SY, McKinnon LR, Abou M, McCorrister SJ, Westmacott GR, Fowke KR, Plummer FA, Ball TB. Mx2 expression is associated with reduced susceptibility to HIV infection in highly exposed HIV seronegative Kenyan sex workers. AIDS. 2015 Jan 2;29(1):35–41.


Nickel NC. Look before you leap: can we draw casual conclusions from breastfeeding research? Journal of Human Lactation 2015 Feb 19. [Epub ahead of print]


JOURNAL ARTICLES - 2014


Bruce SG, Riediger ND, Lix LM. Chronic


McKinnon LR, Gakii G, Juno JA, Izulla P,


Shrivastav A, Bruce MC, Jaksic D, Bader T, Seekallu S, Penner C, Nugent Z,


Tate RB, Cuddy TE, and Mathewson AL. Cohort Profile: The Manitoba Follow–up Study (MFUS). *Int J Epi.* 2014. [Epub ahead of print]


**OTHER PUBLICATIONS**


Katz A, Schultz A, Halas G, Rothney J. Goertzen L. Wener P. Scoping a decade of tobacco dependence research: where have we been and where can we go? European Journal of Cancer Care. September 2014:34.


PRESENTATIONS


Abraham S, Menec VH. Transitions in the last year of life among Older Home Care clients in Manitoba. Canadian Association on Gerontology conference, Niagara Falls, ON, October 2014.


Association Conference (CPA), Toronto, ON, Canada, September 11–14, 2014. Winner of the R.O. Jones Best Paper at the conference (3rd Place).


Brouwers, M., Makarski, J., Craigie, S., Annable, G. and Driedger, S.M. on behalf of the Uncertainty Project Research Team. Advancing quality in cancer control and system performance: Developing a strategy to address uncertainty in health policy.


Brownell M. PATHS Equity for Children: a program of research into what works to reduce the gap for Manitoba's children. Invited presentation at: Children's Hospital Research Institute of Manitoba, Research Rounds, Winnipeg, MB, February 12, 2015.


Brownell M. The whole really is greater than the sum of its parts! What we can learn about children's health through data linkage. Presented at: Canadian Association of Paediatric Health Centres Webinar, November 12, 2014.


Chartier MJ, Volk J, Cooper M, the Towards Flourishing Team. Developing and Sustaining Mental Health Promotion for Children and Families within the Public Health Care System: Lessons Learned from the Towards Flourishing Strategy. Presented to: the Health Senior Leadership Council, Winnipeg, MB, October 9, 2014.


Chartier M, Volk JS, Cooper M. Integrating a mental health promotion strategy for families in the postpartum period within an existing public health program: Perspectives from parents, home visitors, and public health nurses. Presented at: the 4th International Conference on Families with Parental Mental Health Challenges: Addressing the Needs of the Whole Family, Berkeley, CA, April 2014.


Chateau D, Targownik L, Fillion K, Dahl M. Addressing confounding through creative cohort construction: CNODES analysis of PPIs and Pneumonia. Oral presentation at: Manitoba Centre for Health Policy, University of Manitoba,
Winnipeg, MB, April 30, 2014.


Doupe MB, Finlayson GS, Mason G, Schultz J, Yogendran M, Khan S. Supportive housing and nursing homes for older adults: Having the right place to live. Presentation at:
CAHSPR, Toronto, ON, May 13, 2014.
Elias B, From patterns to pathways to respect: Advancing the right to respectful cancer care for First Nations in Manitoba, Canada, World Congress of Cancer, Melbourne, Australia, December 3–6, 2014.
Elias B, The challenge of counting the missing, when the missing were not counted! Accepted at the Eleventh Conference of the International Association of Genocide Scholars, Time, Movement, and Space: Genocide Studies and Indigenous Peoples, Winnipeg, MB, July 16–19, 2014.
Elias B, To count or not to count: How we count matters, CancerCare Manitoba Self Identification Information Session, Winnipeg, MB, June 27, 2014.
Competition, University of Manitoba, Winnipeg, Canada.


Forget EL. Jane Marcet as Knowledge Broker: JB Say, David Ricardo and Popular Political Economy in Britain, Waseda University, Tokyo, Japan, September 13, 2014.

Fransoo R. Control issues: Fostering research innovation, better public policy, and health equity through the integration of gender and sex in linked population–based health data. Panel member for Sub–Plenary session coordinated by CIHR Institute of Gender and Health, at the International Health Data Linkage Conference, Vancouver, BC, April 29, 2014.


Jiang D. The Biostatistics Application in Medical Research. Invited Talk at Southeast University, Nanjing, China, May 25, 2014.


Katz, A. Scoping a decade of tobacco dependence research: where have we been and where can we go? The Cancer and Primary Care Research International Network (CaPRI) Conference, Winnipeg, MB, June 12, 2014.


Lavoie JG, 2014 MFN – Centre for Aboriginal Health research, Presentation to the Need to Know project (senior Regional Health Authority staff), Manitoba Health, Winnipeg, MB, June 3rd 2014.


Levitt C, Mang E, Katz A, Safarov A. The Most Notable Family Medicine


Lix LM. Chronic disease research and surveillance: The power of big databases, the challenges of data quality. Fields Institute, University of Toronto, Toronto, ON, January 21, 2015.


Maier R, Driedger SM, Jardine C, Furgal J. Examining the interplay of factors influencing H1N1 vaccination decision-making among Metis in Manitoba through a social ecological model framework. Canadian Risk and Hazards Network 11th Annual Symposium, Toronto, ON, October 22–24, 2014.


Martens PJ. Building partnerships with decision-makers: Lessons from MCHP and the award-winning Need to


Martin M, Dyhxoorn J, Colman I, Afifi TO. Negative childhood experiences and progression along the suicide continuum. Poster Presentation at the 2014 Canadian Academy of Psychiatric Epidemiology Conference (CAPE), Toronto, ON, September 10, 2014.


Menec VH, Newall N, Nowicki S. Assessing communities’ age-friendliness: How congruent are the perspectives of residents versus municipal officials? Canadian Association on Gerontology conference, Niagara Falls, ON, October 2014.

Menec VH, Newall N, Nowicki S. What do people know (or don’t know)? An examination of knowledge of age-friendly opportunities and services. Canadian Association on Gerontology conference, Niagara Falls, ON, October 2014.


Newall N, Menec VH. A longitudinal examination of social participation, loneliness, and use of physician and hospital services. Canadian Association on Gerontology conference, Niagara Falls, ON, October 2014.

Newall N, Menec VH. Neighbourhood characteristics and age-friendly planning in suburbia: What age-friendly characteristics matter in a car culture?. Canadian Association on Gerontology conference, Niagara Falls, ON, October 2014.


Nickel NC. Causal inference in health


Riediger ND, Lix L, Sandy Bay Diabetes Advisory Group, Bruce SG. Predictors of longitudinal change in apolipoprotein B in a First Nation cohort: the Importance of Sex. Canadian Institutes of Health Research, Institute of Circulatory and Respiratory Health –
Young Investigator Forum, Edmonton, AB, May 2014.


Swift A, Kubas V, Mamula I, and Tate R. In support of broader theoretical frameworks of successful aging: The Manitoba Follow-up Study. Poster presentation at 43rd Annual Scientific and Educational Meeting of the Canadian Association on Gerontology, Niagara Falls, ON, October 16–18, 2014.


Tate R. A 65–year profile of the Manitoba Follow–up Study. An invited presentation for Geriatric Rounds, Section of Geriatric Medicine, University of Manitoba, Winnipeg, MB, January 19, 2015.


Tate R. Successful aging at the University of Manitoba. Presented at the Department of Community Health Sciences Colloquium Series, Faculty of Health Sciences, University of Manitoba, Winnipeg, MB, October 24, 2014.

Tate R. The Manitoba Follow–up Study was featured in a television


Torabi M. Prediction in mixed models: an application to small area estimation. AISA Conference, Riverside, CA, July 11–13, 2014.


Torabi M. Inference in spatial generalized linear mixed models. Department of Biostatistics, University of Miami, Coral Gables, FL, Feb 17, 2015.


Wang Y, Marcoux M, Afifi TO, Bolton JM,
Sareen J. Predictors of unemployment: Results from a longitudinal, nationally representative survey. Poster presentation at 2015 Anxiety and Depression Association of America (ADAA), Miami, FL, April 9–11, 2015.


### CHS Colloquium Schedule 2014-2015

<table>
<thead>
<tr>
<th>Date</th>
<th>Name</th>
<th>Title of Presentation</th>
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<tbody>
<tr>
<td>12 September 2014</td>
<td>Indigenous Health Lecture Series by Dr. Jean Friesen</td>
<td>Dean's Lecture on Indigenous Health</td>
</tr>
<tr>
<td>19 September 2014</td>
<td>Arnold Naimark Lecture in Medicine and Society by Dr. K. Foley</td>
<td>Physician-assisted Suicide: My Choice or Society’s?</td>
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<tr>
<td>22 September 2014</td>
<td>Edge of Science - Dr. David Goldsmith, Washington D.C.</td>
<td>Environmental Health in North American Indigenous Communities: Epidemiology Reasons for Optimism</td>
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<tr>
<td>26 September 2014</td>
<td>Drs. S. Bruce, B. Lavallee, J. Mignone D. Attawar, Virginia Lukianchuk and Mervin Spence</td>
<td>Using decolonizing methods and processes to develop a diabetes prevention intervention in Sandy Bay Ojibway First Nation</td>
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<tr>
<td>3 October 2014</td>
<td>Dr. A. Katz</td>
<td>The Manitoba SPOR Network in Primary and Integrated Health Care Innovation (MSN)-Opportunity Knocks.</td>
</tr>
<tr>
<td>10 October 2014</td>
<td>Dr. Shiva Hali</td>
<td>Impact of HIV infection on pregnancy outcomes among women living with HIV/AIDS in Karnataka, India</td>
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<tr>
<td>17 October 2014</td>
<td>Dr. H. Chochinov</td>
<td>Manitoba Palliative Care Research Unit: What’s the Buzz,</td>
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<td>20 October 2014</td>
<td>Edge of Science - Dr. Robert Robson (CHS)</td>
<td>Organizational Resilience in Healthcare</td>
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<tr>
<td>24 October 2014</td>
<td>Dr. Robert Tate</td>
<td>Successful Aging at the University of Manitoba</td>
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<tr>
<td>31 October 2014</td>
<td>Dr. Usha Ram, U of Toronto</td>
<td>Neonatal, 1-59 months, under-5 and adult mortality in 597 Indian districts: estimates from national demographic and mortality surveys</td>
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<tr>
<td>7 November 2014</td>
<td>Dr. Kettner and Ms. Margaret Haworth Brockman</td>
<td>Ebola Virus Disease and other Challenges and Opportunities for the NCCID</td>
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<tr>
<td>14 November 2014</td>
<td>Dr. Dana Dabalea, U of Colorado Denver</td>
<td>Developmental Origins of Pediatric Obesity and Type 2 Diabetes</td>
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<tr>
<td>21 November 2014</td>
<td>Drs. Dan Chateau, Laura Targownik, Silvia Alessi-Severini</td>
<td>CNODES team presentation (MCHP)</td>
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<tr>
<td>28 November 2014</td>
<td>Dr. Rashid Ahmed</td>
<td>Methods for Missing Data in Discrete Hierarchical Models</td>
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<tr>
<td>3 December 2014</td>
<td>Erin Schillberg</td>
<td>Ebola Epidemiologist: Experiences from the front lines</td>
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<tr>
<td>5 December 2014</td>
<td>Drs. S. Macdonald and N. Roos</td>
<td>What Doctors can do to address their Patient’s Poverty</td>
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<tr>
<td>12 December 2014</td>
<td>Indigenous Health Lecture Series by Dr. Carrie Boourassa</td>
<td>Dept. of community Health Sciences: Dept. Head’s Lecture</td>
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<tr>
<td>9 January 2015</td>
<td>Dr. Josee Lavoie</td>
<td>CANCELLED/RESCHEDULED</td>
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<tr>
<td>16 January 2015</td>
<td>Dr. Carolyn Snider</td>
<td>A Multilevel Analysis of Risk and Protective Factors in Youth Homicide and Severe Intentional Injury in Winnipeg</td>
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## APPENDIX 1

### NEW RESEARCH FUNDS

<table>
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<tr>
<th>Grant Title</th>
<th>PI</th>
<th>Co-Pls</th>
<th>Start Date</th>
<th>End Date</th>
<th>Amount Available</th>
<th>Total Funds</th>
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<tr>
<td>Canadian network for advanced interdisciplinary methods for prospective studies of drug safety and effectiveness</td>
<td>Abrahamowic, M., Bernatsky, S., Pilote, L.</td>
<td>Oct 1 2014</td>
<td>Sept 1 2019</td>
<td>$250,000.00</td>
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<td>Mindfulness treatment for gambling and mood related symptoms among women with childhood disturbances.</td>
<td>Afifi, T. O., Zack, M</td>
<td>2014</td>
<td>2016</td>
<td>$25,000.00</td>
<td>$50,000.00</td>
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<td>Aboriginal Birth Cohort (ABC) Project</td>
<td>Anand, S., Bruce, S.</td>
<td>Apr-14</td>
<td></td>
<td>$42,064.00</td>
<td>$100,000.00</td>
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<tr>
<td>International network in indigenous health knowledge and development (INIHKD) conference 2014</td>
<td>Bartlett J</td>
<td>Jul-14</td>
<td>Feb-15</td>
<td>$25,000.00</td>
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<td>Disentangling the role of biolocal and behavioural drivers of early HIV risk in female sex workers in India, Kenya, and the Ukraine</td>
<td>Becker, M., Blanchard, J., Keyman, Y., Moses, S., Thompson, L.</td>
<td>Mar 1/14</td>
<td>Feb 28/15</td>
<td>$21,708.00</td>
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<td>Understanding and responding to HIV vulnerability among disadvantaged populations in Canada and globally: A program science research agenda</td>
<td>Becker, M.</td>
<td>Aug 1/14</td>
<td>Oct 31/19</td>
<td>$40,000.00</td>
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<td>Defining the burden and managing the effects of psychiatric comorbidity in chronic immunoinflammatory disease</td>
<td>Bernstein, C and Marrie, RA</td>
<td>July 1, 2014</td>
<td>June 1, 2019</td>
<td>$2,443,500.00</td>
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<td>A community-based implementation of a low-cost evidence-based toolkit for improving brain development in newborns who suffered neonatal insults</td>
<td>Blanchard, J., Reza, T.</td>
<td>Sept 25/14</td>
<td>Sept 24/16</td>
<td>$170,724.00</td>
<td>$270,000.00</td>
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<td>International consultancy to advise the National AIDS Secretariat at the Prime Minister's office on the conduction of survey on programmatic mapping and size estimate of key populations in Mauritius</td>
<td>Blanchard, J.</td>
<td>Apr 15/14</td>
<td>July 15/14</td>
<td>$41,835.00</td>
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<td>Supplementary HIV program - improving programs to reduce vulnerability to HIV: Innovative programs and knowledge translation</td>
<td>Blanchard, J.</td>
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<td>Dec 1/14</td>
<td>Nov 30/16</td>
<td>$517,684.00</td>
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<td>Technical assistance to the Government of Uttar Pradesh for demand generation for health services in 25 high priority districts</td>
<td>Blanchard, J.</td>
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<td>Nov 1/14</td>
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<td>$967,289.12</td>
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<td>Technical assistance to the Government of Uttar Pradesh to improve access, scale and quality of family planning</td>
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<td>Oct 31/18</td>
<td>$5,946,722.88</td>
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<td>Building a program of research to investigate antenatal risk factors for adverse childhood outcomes using Manitoba’s data repository</td>
<td>Brownell, M.</td>
<td></td>
<td>6-1-2014</td>
<td>5-31-2015</td>
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<td>Investigating the characteristics of health care utilization of women who give birth to children with fetal alcohol spectrum disorder</td>
<td>Brownell, M.</td>
<td>Singal, D.</td>
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<td>$5,000.00</td>
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<td>PAX-good behaviour game in First Nations communities: Enhancing and adapting a school-based mental health promotion and suicide prevention program.</td>
<td>Chartier, M.</td>
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<td>2-1-2015</td>
<td>9-30-2016</td>
<td>$7,150.00</td>
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<td>Canadian Consortium on Neurodegeneration in Aging Team 14: How multimorbidity modifies the risk of dementia and the patterns of disease expression</td>
<td>Chertkow, H.</td>
<td>Menec, V. et al.</td>
<td>01-Apr-14</td>
<td>31-Mar-19</td>
<td>$6,300,000.00</td>
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<td>International Indigenous Health Network</td>
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<td>$20,000.00</td>
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<td>Improved quality of community and low level facility management of childhood pneumonia and diarrhea in Uttar Pradesh</td>
<td>Crockett, M.</td>
<td>Blanchard, J., Moses, S.</td>
<td>Nov 12/14</td>
<td>Oct 31/17</td>
<td>$3,511,800.32</td>
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<td>The role of nutrition in the prevention of FASD</td>
<td>Elias B</td>
<td>Chudley A</td>
<td>Mar-14</td>
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<td>$106,250.00</td>
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<td>SSHRC Insight: Social outcomes and quality of life associated with a guaranteed annual income</td>
<td>Forget, EL</td>
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<td>01-May-15</td>
<td>31-Mar-19</td>
<td>$55,480.00</td>
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<td>University of Manitoba - College of Medicine</td>
<td>Fransoo, R.</td>
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<td>1-1-2015</td>
<td>12-31-2018</td>
<td>$25,000.00</td>
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<td>University of Manitoba VPRI - Research Start-up Funds</td>
<td>Fransoo, R.</td>
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<td>1-1-2015</td>
<td>12-31-2018</td>
<td>$50,000.00</td>
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<td>The Impact of Proposed Change in Federal Health Funding Policy on Health Programs Operating in Yukon First Nations Communities</td>
<td>Galloway, T.</td>
<td>Sharon Bruce + 4 others</td>
<td>Apr-14</td>
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<td>$42,064.00</td>
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<td>Heart and Stroke: Changes in Work and Pay after myocardial infarction and stroke</td>
<td>Garland. A.</td>
<td>Forget, E et. al.</td>
<td>01-Apr-15</td>
<td>31-Mar-16</td>
<td>$100,000.00</td>
<td>$100,000.00</td>
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<td>Canadian Consortium on Neurodegeneration in Aging Team 14: How multimorbidity modifies the risk of dementia and the patterns of disease expression</td>
<td>H. Chertkow</td>
<td>V. Menec etc.</td>
<td>01-Apr-14</td>
<td>31-Mar-19</td>
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<td>Canadian Immunization Research Network</td>
<td>Halperin, SA</td>
<td>Mahmud, S.</td>
<td>July 2014</td>
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<td>$2,200,000.00</td>
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<td>Process and Impact Evaluation for FIREFLY SNAP Program for Kenora (6340-F23)</td>
<td>Jiang D.</td>
<td>Josephson W., &amp; Migneone J.</td>
<td>01-Aug-14</td>
<td>31-Dec-19</td>
<td>$34,000.00</td>
<td>$285,650.00</td>
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<td>The PAX Program in Manitoba: A Positive Approach to Promoting Mental Health and Wellbeing</td>
<td>Jiang D.</td>
<td>Josephson W., Pepler D, Craig W., Chartier M, Yan L, Santos R, Brownell M., &amp; Lee K</td>
<td>01-Mar-15</td>
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<td>The Manitoba personalized lifestyle research (TMPLR) program</td>
<td>Jones, P.</td>
<td>Azad,M., Lix, L., et al.</td>
<td>April 1, 2015</td>
<td>March 1, 2019</td>
<td>$954,390.00</td>
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<td>A Theory-based Intervention to Increase Standardized Assessment of Reactive Postural Control in Physiotherapy Practice</td>
<td>K Sibley</td>
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<td>June 1 2014</td>
<td>May 31 2016</td>
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<td>Understanding Factors that Influence the Practice of Knowledge Translation Among Health Researchers in Manitoba</td>
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<td>Wittmeier, K.</td>
<td>Jan 1 2015</td>
<td>Dec 31 2015</td>
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<td>Experiences of Harm Reduction in relation to Injection Drug Use in Ottawa: Community-Based Research Applications of the Vidaview Life Story Board</td>
<td>Kendall, C.</td>
<td>Marshall, Z. Chase R</td>
<td>Jun-14</td>
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<td>Why is &quot;Soft Integration&quot; So Hard? Assessing and Improving System-Level Strategies to Implement Primary Care Renewal</td>
<td>Kreindler, S.</td>
<td>Metge, C., Katz, A., Ye, X., et al</td>
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<td>Jan-17</td>
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<td>Aboriginal Health Research Networks for aboriginal knowledge and ways of knowing (Catalyst Grant)</td>
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<td>Queen Elizabeth II Diamond Jubilee Scholarship</td>
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<td>12-02-15</td>
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<td>Teaching and Learning Enhancement Award</td>
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<td>Towards Closing the Gap: Using Evidence to identify the need for investments in primary healthcare services in BC First Nations Reserves</td>
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<td>Dec-14</td>
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<td>Understanding food choices and nutrition experiences of very old Canadian Men: The Manitoba Follow-up Study, University Research Grants program (URGP)</td>
<td>Lengyel, C.</td>
<td>Tate, R.</td>
<td>01-Jul-14</td>
<td>30-Jun-15</td>
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<td>Statistical methods for patient-reported outcome measures</td>
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<td>Travel Award for Fields Institute Thematic Program on Statistical Inference, Learning, and Models for Big Data: Workshop on Big Data, Casual Inference, and Health Policy</td>
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<td>Creation of a Canadian Burn Care Network, Canadian Institute of Health Research</td>
<td>Logsetty S.</td>
<td>Elias, B.</td>
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<td>Global exchanges, local interventions: Meeting the HIV prevention and</td>
<td>Lorway, R.</td>
<td>Yu, N.</td>
<td>Mar 1/14</td>
<td>Feb 28/15</td>
<td>$10,000.00</td>
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<td>health care needs of men who have sex with men (MSM) in Canada, Kenya</td>
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<td>and China</td>
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<td>Mar 15/14</td>
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<td>$386,080.00</td>
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<td>Philanthrocapitalism, sociality and citizenship in B&amp;M Gates Foundation</td>
<td>Lorway, R.</td>
<td>Khan, S.</td>
<td>Oct-14</td>
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<td>$42,979.00</td>
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<td>interventions</td>
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<tr>
<td>Canadian HIV Women’s Sexual and Reproductive Health Cohort Study -</td>
<td>Loutfy, M.</td>
<td>Becker, M., Bruce, S.,</td>
<td>Oct-14</td>
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<tr>
<td>Prioritizing the Health Needs of Positive Aboriginal Women (CHIWOS PAW)</td>
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<td>et al</td>
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<td>Baseline funding to the Vaccine and Drug Evaluation Centre</td>
<td>Mahmud, S.</td>
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<td>Sep-14</td>
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<td>Effectiveness of the Quadrivalent Human Papillomavirus Vaccine Against</td>
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<td>Evaluation and Gap Analysis of Federal and P/T systems and Methodologies</td>
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<td>The effect of antipsychotic medications on the incidence and aggressiveness of prostate cancer: a population based study</td>
<td>Mahmud, S.</td>
<td>Torabi, M., et al</td>
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<td>The Aboriginal Youth Mentorship Program - Exploring the Potential for</td>
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<td>Feasibility study to assess acceptance of a pre-exposure prophylaxis demonstration project among female &amp; transgender sex workers in Mysore and Mandya, Karnataka, India</td>
<td>Moses, S.</td>
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<td>Manitoba Infant Feeding Database - A capture recapture study</td>
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<td>Canadian Longitudinal Study on Aging (CLSA) Wave II,</td>
<td>P. Raina</td>
<td>V. Menec etc.</td>
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<td>Risk based triage and access to nephrology care</td>
<td>Tangri, N.</td>
<td>Komenda, P., Lix, L., Fogg, T.</td>
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<td>Dean's Research Program Bridge, College of Medicine, Faculty of Health Sciences. The Manitoba Follow-up Study.</td>
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<td>Toth, E</td>
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<td>CIHR: Towards Sustainable Rural Healthcare: combining physicians preferences with the needs of rural residents</td>
<td>Witt, J.</td>
<td>Forge, EL et al</td>
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<td>Research Manitoba: Improving Access and Quality of Mental Health Services for Youth through Implementation of a Shared Care Stepped Approach</td>
<td>Woodgate, R.</td>
<td>Forget, E.L. et al</td>
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<td>Study on the burden in patients with hepatitis B virus related diseases and comprehensive preventive strategies</td>
<td>Zhang, H.</td>
<td>Jiang D, Zhao G., Huo H, Lu Y., Bai Z, Li X, &amp; Song N</td>
<td>01-Mar-15</td>
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## APPENDIX 2

### ON-GOING RESEARCH FUNDS

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<th>Amount Available</th>
<th>Total Funds</th>
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<td>Examining the utility of latent class analysis in describing differential risk pathways linking childhood adversity to negative adult outcomes. PreVAIL</td>
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<td>Population based research in two important areas of public health: Family violence and problem gambling. MHRC Establishment</td>
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<td>Substantiated reports of child maltreatment from the Canadian Incidence Study. MHRC operating</td>
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<td>The epidemiology of resilience following child maltreatment. CIHR New Investigator Award.</td>
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<td>The epidemiology of resilience following child maltreatment: An examination of protective factors across the lifespan (Operating Grant). Canadian Institutes of Health Research (CIHR)-Manitoba Centre for Health Policy Regional Partnership Program.</td>
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<td>Canadian Alliance for Healthy Hearts &amp; Minds Funding Agency: Canadian Partnership Against Cancer (CPAC) and The Hearth and Stroke Foundation of Canada (HSFC)</td>
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<td>York University - Re-imagining long-term residential care: An international study.</td>
<td>Armstrong, P.</td>
<td>M. Doupe</td>
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<td>Advancing primary healthcare for persons living with HIV in Canada (LHIV Innovation Team).</td>
<td>Becker, Marissa</td>
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<td>Feb 1/14</td>
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<td>Disentangling the role of biological and behavioural drivers of early HIV risk in female sex workers in India, Kenya and the Ukraine</td>
<td>Becker, Marissa</td>
<td>Jamie Blanchard, Yoav Keynan, Stephen Moses, Laura Thompson</td>
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<td>Estimating female sex workers’ early HIV risk and the implications for HIV epidemic control: A multi-country observational and mathematical modelling study</td>
<td>Becker, Marissa</td>
<td>Lisa Avery, Jamie Blanchard, Larry Gelmon, Stephen Moses</td>
<td>Oct 1/13</td>
<td>Sept 30/16</td>
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<td>Missed opportunities for diagnosis of HIV epidemiological study (MODES Manitoba)</td>
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<td>Lisa Avery, Jamie Blanchard, Nancy Yu, Souradet Shaw, Ken Kasper, Yoav Keynan</td>
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<td>Apr 3/14; ext Mar 31/16</td>
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<td>CAN-AIM team DSEN targeted research for prospective studies</td>
<td>Bernatsky, Sasha</td>
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<td>March 1, 2016</td>
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<td>Understanding patient’s disease experience: A guide to disease management in IBD</td>
<td>Bernstein, Charles N.</td>
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<td>June 1, 2013</td>
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<td>Water quality and chronic disease</td>
<td>Bharadwaj, Lalita &amp; Waldner, Cheryl</td>
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<td>Major determinants of non-adherence in Saskatchewan (MD-NAS)</td>
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<td>March 1, 2013</td>
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<td>Enhancing the impact of HIV prevention programs for the most at risk populations in Kenya</td>
<td>Blanchard, Jamie</td>
<td>Stephen Moses, Larry Gelmon, Joshua Kimani, BM Ramesh</td>
<td>Nov 7/11</td>
<td>May 1/14; ext Sept 30/15</td>
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<td>Gates Foundation: Capacity Building &amp; Training of AVAHAN Partners Mysore &amp; Mandya: A Learning Site for CLSI Programming</td>
<td>Blanchard, Jamie</td>
<td>Sushena Reza-Paul</td>
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<td>Global HIV prevention program science technical support and knowledge management</td>
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<td>Drs. Moses, Becker, Lorway, et al.</td>
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<td>HIV epidemic diversity among high risk populations in Pakistan</td>
<td>Blanchard, Jamie</td>
<td>Laura Thompson</td>
<td>Sept 1/13</td>
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<td>Increase uptake of new-born and maternal interventions in poorly performing rural districts of Karnataka</td>
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<td>Stephen Moses, Lisa Avery</td>
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<td>Meeting critical health care &amp; nutritional needs to improve maternal, neonatal and child health in vulnerable African populations</td>
<td>Blanchard, Jamie</td>
<td>Lisa Avery, Maryanne Crockett, Marissa Becker, Joyce Slater</td>
<td>Feb 17/12</td>
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<td>Social, behavioural and transmission properties associated with diversity in HIV epidemics among people who inject drugs and other key populations</td>
<td>Blanchard, Jamie</td>
<td>Marissa Becker, Faran Emmanuel, John Wylie</td>
<td>Oct 1/12</td>
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<td>Technical assistance to the Government of Uttar Pradesh to improve health, nutrition and development coverage and outcomes</td>
<td>Blanchard, Jamie</td>
<td>Stephen Moses, Lisa Avery, Maryanne Crockett</td>
<td>Nov 15/13</td>
<td>Oct 31/16</td>
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<td>Boyle, M.</td>
<td>Georgiades, K.</td>
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<td>Canadian Foundation for Fetal Alcohol Research-“Utilization of health...”</td>
<td>Brownell, M.</td>
<td>A. Hanlon-Dearman, B. Elias, D. Chateau, W. Phillips-Beck, N. Roos, A. Chudley, S. Longstaff</td>
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<td>Factors that predict out-of-home care during childhood: A comparison of three developed countries</td>
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<td>Validation Study on Administrative Date in Manitoba for the Purpose of ASD Surveillance</td>
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<td>S. Shoostari, A. Hanlon-Dearman, H. Ouellette-Kuntz</td>
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<td>Developing a diabetes prevention intervention: Identifying and targeting contextually-relevant</td>
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<td>May 1, 2012</td>
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<td>Developing a diabetes prevention intervention: Identifying and targeting contextually relevant stressors.</td>
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<td>Barry Lavallee; Lisa Lix; Natalie Riediger; Garry Shen; Kue Young</td>
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<td>The right to clean water in First Nations: The most precious gift, Social Sciences and Humanities Research Council</td>
<td>Busby K</td>
<td>Elias B</td>
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<td>Chartier, M.</td>
<td>J. Volk, M.Coopér, D. Embry, C. Keyes, A. Alix-Roussin, J. Walker, R. Santos, M. Brownell</td>
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<td>An enhanced method to measure chronic disease burden using health administrative data</td>
<td>Chen, Guanmin</td>
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<td>CIHR/CCMB Team in First Nations cancer research</td>
<td>Elias B</td>
<td>Turner, D</td>
<td>Apr-07</td>
<td>Mar-15</td>
<td>$422,983.75</td>
<td>$1,454,208.70</td>
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<td>Discovering the epigenetic signatures associated with fetal alcohol spectrum disorder</td>
<td>Elias B</td>
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<td>Apr-13</td>
<td>Mar-18</td>
<td>$95,167.00</td>
<td>$255,490.00</td>
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<td>Manitoba First Nations health report card</td>
<td>Elias B</td>
<td></td>
<td>Apr-08</td>
<td>Mar-15</td>
<td>$85,925.93</td>
<td>$787,324.00</td>
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<td>H2O Create Program for water and sanitation security in First Nations, National Sciences and Engineering Research Council of Canada</td>
<td>Farenhorst A</td>
<td>Elias B</td>
<td>2013</td>
<td>2019</td>
<td>$275,000.00</td>
<td>$1,650,000.00</td>
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<tr>
<td>A longitudinal, multi-method investigation of transitions into nursing homes among people with multiple sclerosis</td>
<td>Finlayson, M</td>
<td>Drs Marrie AR, Jiang D, &amp; Finlayson G</td>
<td>01-07-13</td>
<td>30-06-16</td>
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<td>$284,832.00</td>
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<td>Neuroimaging correlates of delusions in Alzheimer’s disease and related dementias</td>
<td>Fischer, Corinne</td>
<td></td>
<td>April 1, 2014</td>
<td>April 1, 2016</td>
<td></td>
<td>$49,195.00</td>
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<td>Is a GAI feasible and sustainable in Canada</td>
<td>Forget, E.</td>
<td>Michael Wolfson</td>
<td>01-Apr-11</td>
<td>31-Mar-16</td>
<td>$50,000.00</td>
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<td>Is a guaranteed annual income feasible and sustainable in Canada?</td>
<td>Forget, E.</td>
<td>M.Torabi, B Jackson, A Shiell, M Wolfson</td>
<td>01-Jul-11</td>
<td>30-Jun-14</td>
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<td>$180,000.00</td>
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<td>MCHP Research Support Fund - Fransoo</td>
<td>Fransoo, R.</td>
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<td>01-10-10</td>
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<td>$22,213.60</td>
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<td>MHRC - Temporal Trends and Sex Differences in acute myocardial infarction..</td>
<td>Fransoo, R.</td>
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<td>01-07-10</td>
<td>31-03-16</td>
<td>$41,720.00</td>
<td>$51,580.00</td>
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<td>Hospitalisation related to intimate partner violence and child maltreatment. PreVAiL</td>
<td>Gurka, K.</td>
<td></td>
<td>2013</td>
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<td>$15,000.00</td>
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<td>Community and research alliance for quality of life in older adults</td>
<td>Hadjistavropoulos, Thomas</td>
<td></td>
<td>December 1, 2013</td>
<td>November 1, 2011</td>
<td></td>
<td>$717,881.00</td>
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<td>PHAC/CIHR Influenza Research Network</td>
<td>Halperin, Scott</td>
<td>Dr. Salah Mahmud</td>
<td>June 2012</td>
<td>March 2015</td>
<td>$4,540,000.00</td>
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<td>Dairy nutrition and risk of diabetes in vulnerable populations: novel insights from biomarkers, measures of marginalization, and their interaction</td>
<td>Hanley, Anthony</td>
<td>Sharon Bruce + 12 others</td>
<td>2014</td>
<td>2018</td>
<td>$232,000.00</td>
<td>$928,000.00</td>
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<td>Funding Agency: Dairy Farmers of Canada, Dairy Research Cluster 2 Program</td>
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<td>Reducing inequities in access to and use of prenatal care in the Winnipeg Health Region through health system improvement</td>
<td>Heaman, Maureen</td>
<td>Dr. Salah Mahmud</td>
<td>October 2012</td>
<td>September 2014</td>
<td>$400,000.00</td>
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<td>The Person-oriented Statistical Methods for Longitudinal Data in Health Sciences</td>
<td>Jiang D.</td>
<td></td>
<td>01-07-12</td>
<td></td>
<td>$34,000.00</td>
<td>$99,600.00</td>
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<td>Families Experiences living with Acquired Brain Injury’. Manitoba Centre for Nursing and Health Research</td>
<td>Karpa, J., Chernomas, W., Roger, K., Heinonen, T</td>
<td></td>
<td>07 July 2015</td>
<td>2015</td>
<td>$5,000.00</td>
<td>$5,000.00</td>
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<td>Manitoba SPOR Network in Primary and Integrated Health Care Innovations-Developments Funds</td>
<td>Katz, Alan</td>
<td>Drs. Jose Lavoie, Leanne Boyd, Marcia Thompson, Tamara Buchel; Collaborator: Dr. Salah Mahmud</td>
<td>March 2013</td>
<td>March 2015</td>
<td>$150,000.00</td>
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<td>Paying for Primary Care</td>
<td>Katz, A.</td>
<td>R. Deber</td>
<td>01-04-12</td>
<td>31-10-16</td>
<td>$20,000.00</td>
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<td>George &amp; Fay Yee Centre for Healthcare Innovation</td>
<td>Klassen, Terry</td>
<td></td>
<td>June 1, 2013</td>
<td>April 1, 2018</td>
<td>$10,982,049.00</td>
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<td>Support for People and Patient-Orientation Research and Trials (SUPPORT) Units,</td>
<td>Klassen, Terry</td>
<td>Dr. Salah Mahmud</td>
<td>June 2013</td>
<td>April 2018</td>
<td>$11,000,000.00</td>
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<td>Building a team for multi-jurisdictional research to improve patient flow.</td>
<td>Kreindler, Sara</td>
<td>Colleen Metge; others (non-UM)</td>
<td>Mar-15</td>
<td>Feb-16</td>
<td>$25,000.00</td>
<td>$25,000.00</td>
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<td>Equity oriented primary health care: interventions for marginalized populations: addressing structural inequities and structural violence</td>
<td>Lavoie, J</td>
<td></td>
<td>April 1, 2011</td>
<td>March 31, 2016</td>
<td>$380,000.00</td>
<td>$1,900,000.00</td>
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<td>Experience Talks, Resilience Shapes - Revisiting historic trauma: Impact on treatment in Aboriginal people living with HIV/AIDS in British Columbia: Doctoral Research Award - PA: Health Services/Pop. Health HIV/AIDS Research</td>
<td>Lavoie, J</td>
<td></td>
<td>April 1, 2013</td>
<td>March 31, 2016</td>
<td>$35,000.00</td>
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<td>Rethinking Community Based Primary Health Care in Manitoba</td>
<td>Lavoie, J</td>
<td></td>
<td>April 1, 2013</td>
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<td>$100,000.00</td>
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<td>Supporting meaningful international indigenous health services research partnerships</td>
<td>Lavoie, J</td>
<td>Starr, Leona</td>
<td>Nov-13</td>
<td>Mar-16</td>
<td>$6,130.74</td>
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<td>The Centre of Excellence for Indigenous primary care intervention research in chronic disease</td>
<td>Lavoie, J</td>
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<td>April 1, 2011</td>
<td>March 31, 2015</td>
<td>$200,000.00</td>
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<tr>
<td>Transforming Primary Health Care in Remote Northern Communities: The Circumpolar Health Systems Innovation Team [CirCHSIT]</td>
<td>Lavoie, J</td>
<td></td>
<td>April 1, 2013</td>
<td>March 31, 2018</td>
<td>$100,000.00</td>
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<td>Relationship Between Nutritional Risk and Well-Being of Very Old Canadian Men.</td>
<td>Lengyel C and Tate R</td>
<td></td>
<td>01-Jul-12</td>
<td>14-May-14</td>
<td>$10,000.00</td>
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<td>Algorithms for administrative health databases</td>
<td>Lix, Lisa</td>
<td></td>
<td>September 1, 2012</td>
<td>August 1, 2017</td>
<td>$100,000.00</td>
<td>$500,000.00</td>
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<td>Completeness of physician billing claims administrative health databases in Canada</td>
<td>Lix, Lisa</td>
<td></td>
<td>October 1, 2012</td>
<td>September 1, 2015</td>
<td>$83,853.00</td>
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<tr>
<td>Enhancing existing capacity in applied health services and policy research: The Western Regional Training Centre for Health Services Research (WRTC)</td>
<td>Lix, Lisa</td>
<td></td>
<td>April 1, 2009</td>
<td>March 1, 2015</td>
<td>$65,100.00</td>
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<td>Response Shift Methods for Patient-Reported Outcomes (PROMS-RS)</td>
<td>Lix, Lisa</td>
<td></td>
<td>September 1, 2012</td>
<td>August 31, 2015</td>
<td>$27,950.00</td>
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<td>Start-up funding for Population Health Data Laboratory</td>
<td>Lix, Lisa</td>
<td></td>
<td>September 1, 2012</td>
<td>August 1, 2015</td>
<td>$66,670.00</td>
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<tr>
<td>Creation of an Advancement in Burn Care in Canada Network</td>
<td>Logsetty, Sarvesh</td>
<td></td>
<td>June 1, 2014</td>
<td>May 1, 2017</td>
<td>$60,000.00</td>
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<td>A South to South collaborative project to understand and address the HIV vulnerability of male sex workers in Nairobi, Kenya</td>
<td>Lorway, Robert</td>
<td>Jamie Blanchard, Stephen Moses, Shamshad Khan, Sushena Reza-Paul</td>
<td>Oct 1/13</td>
<td>Sept 30/16</td>
<td>$151,152.54</td>
<td>$335,630.00</td>
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<td>Centre for Research development in gender, mental health, and violence across the lifespan. CIHR</td>
<td>MacMillan, H.L.</td>
<td></td>
<td>2009</td>
<td>2017</td>
<td>$262,500.00</td>
<td>$2,100,000.00</td>
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<tr>
<td>An Observational Retrospective Database Analysis to Estimate the Risk of Multiple Sclerosis Following Vaccination with Arepanrix in Manitoba, Canada</td>
<td>Mahmud, Salah</td>
<td>None</td>
<td>September 2013</td>
<td>July 2015</td>
<td>$131,340.00</td>
<td>$169,416.00</td>
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<tr>
<td>Canada Research Chair in Pharmaco-Epidemiology and Vaccine Evaluation (Canada Research Chair)</td>
<td>Mahmud, Salah</td>
<td>None</td>
<td>November 01, 2012</td>
<td>October 31, 2017</td>
<td>$173,625.00</td>
<td>$440,000.00</td>
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<td>Canadian Immunization Research Network-LOI</td>
<td>Mahmud, Salah</td>
<td>Dr. Scott Alan Halperin</td>
<td>February 2014</td>
<td>January 2015</td>
<td>$25,000.00</td>
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<td>Research Facility for Pharmaco-Epidemiology and Vaccine Safety and Effectiveness</td>
<td>Mahmud, Salah</td>
<td>None</td>
<td>September 01, 2013</td>
<td>September 30, 2014</td>
<td>$226,993.00</td>
<td>$312,500.00</td>
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<td>Role of long-term use of common medications in cancer prevention: A pharmacoepidemiologic research program</td>
<td>Mahmud, Salah</td>
<td>None</td>
<td>June 2011</td>
<td>June 2014</td>
<td>$100,000.00</td>
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<tr>
<td>Role of Metformin and Other Hypoglycemic Medications in Prostate Cancer Prevention: A Population-Based Study</td>
<td>Mahmud, Salah</td>
<td>Drs. Aprikian, Turner, Franco, Blanchard, et al.</td>
<td>July 01, 2013</td>
<td>June 30, 2015</td>
<td>$158,642.00</td>
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<tr>
<td>SOMNIA: Sytematic Observational Method for Narcolepsy and Influenza Immunization Assessment</td>
<td>Mahmud, Salah</td>
<td>None</td>
<td>May 01, 2013</td>
<td>September 28, 2014</td>
<td>$24,338.00</td>
<td>$51,525.00</td>
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<tr>
<td>Statin Use and Risk of Prostate Cancer: A Population-Based Case-Control Study</td>
<td>Mahmud, Salah</td>
<td>Collaborators: Drs. Armen Aprikian, Robert Platt, Harminder Singh</td>
<td>July 2011</td>
<td>June 2014</td>
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<td>$56,480.00</td>
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<tr>
<td>Use of statins and prostate cancer risk and prognosis: A populaion-based study</td>
<td>Mahmud, Salah</td>
<td>None</td>
<td>October 01, 2011</td>
<td>March 31, 2016</td>
<td>$132,987.00</td>
<td>$148,228.00</td>
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<td>Vaccine safety, effectiveness &amp; uptake project (Manitoba Health)</td>
<td>Mahmud, Salah</td>
<td>Drs. Aprikian, Franco, Platt, et al.</td>
<td>February 01, 2013</td>
<td>January 31, 2015</td>
<td>$13,774.00</td>
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<td>Developing an innovative evidence-based decision support tool to improve osteoarthritis care planning and health service management for diverse patient populations in Alberta, Saskatchewan and Manitoba</td>
<td>Marshall, Deborah</td>
<td></td>
<td>April 1, 2013</td>
<td>April 1, 2016</td>
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<td>$429,174.00</td>
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<td>CFI Project #20329 - Leading Edge Fund</td>
<td>Martens, P.</td>
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<td>01-11-10</td>
<td>31-10-18</td>
<td>$0</td>
<td>$1,453,780.00</td>
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<td>CIHR PATHS Equity for Children</td>
<td>Martens, P.</td>
<td>A. Katz, M. Brownell, R. Fransoo, L. Roos, N. Roos, C. Hertzman, J. Bolton, L. Katz, et. Al</td>
<td>01-04-11</td>
<td>31-03-16</td>
<td>$801,381.73</td>
<td>$1,900,000.00</td>
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<td>Endowed Child Health Chair</td>
<td>Martens, P.</td>
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<td>01-10-03</td>
<td>31-03-17</td>
<td>$98,306.48</td>
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<td>MB Health - Centre Grant</td>
<td>Martens, P.</td>
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<td>01-04-10</td>
<td>31-03-15</td>
<td>$2,325,261.97</td>
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<td>MCHP In-kind contribution to CFI</td>
<td>Martens, P.</td>
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<td>01-11-10</td>
<td>31-10-16</td>
<td>$382,207.91</td>
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<td>MCHP RESEARCH BILLING</td>
<td>Martens, P.</td>
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<td>$537,106.84</td>
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<td>MCHP/WRHA (Mike Moffat)</td>
<td>Martens, P.</td>
<td>C. Metge</td>
<td>01-04-04</td>
<td>31-03-15</td>
<td>$56,286.84</td>
<td>$300,000.00</td>
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<td>MRIF - Leading Edge Fund (CFI Matching)</td>
<td>Martens, P.</td>
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<td>01-11-10</td>
<td>31-10-16</td>
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<td>$1,453,780.00</td>
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<td>MRIF: Operating P.Martens (Sci, Tech, Energy &amp; Mines)</td>
<td>Martens, P.</td>
<td></td>
<td>30-03-07</td>
<td>31-03-20</td>
<td>$222,925.62</td>
<td>$500,000.00</td>
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<td>PATHS equity for children: A program of research into what works to reduce the gap for Manitoba's children</td>
<td>Martens, P.</td>
<td>Lisa Lix &amp; others from MCHP</td>
<td>June 1, 2011</td>
<td>June 1, 2016</td>
<td>$</td>
<td>$1,900,000.00</td>
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<td>Manito Ikew Kagiikew: The Mothering Project Program Evaluation</td>
<td>McPhail D</td>
<td>Anderson Decoteau M</td>
<td>Dec-13</td>
<td>Dec-16</td>
<td>$100,856.00</td>
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<td>Canada Research Chair in Healthy Aging</td>
<td>Menec, V.</td>
<td>NA</td>
<td>01-Apr-10</td>
<td>31-Mar-15</td>
<td>$100,000.00</td>
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<td>Canada Research Chair in Healthy Aging FOP 307 879</td>
<td>Menec, V.</td>
<td>NA</td>
<td>01-Apr-10</td>
<td>31-Mar-15</td>
<td>$100,000.00</td>
<td>$500,000.00</td>
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<td>Improving the quality of lives of vulnerable adolescent girls in North Karnataka, India</td>
<td>Moses, Stephen</td>
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<td>Oct 4/12</td>
<td>Oct 30/14</td>
<td>$127,426.40</td>
<td>$160,000.00</td>
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<td>MHRC Chair Award</td>
<td>Moses, Stephen</td>
<td>Sara Kreindler</td>
<td>01-Sep-14</td>
<td>31-Aug-19</td>
<td>$250,000.00</td>
<td>$1,250,000.00</td>
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<td>National size estimation of female sex workers, men who have sex with men, beach boys and drug users including injecting drug users in Sri Lanka (USD)</td>
<td>Moses, Stephen</td>
<td></td>
<td>Feb 1/13</td>
<td>Sept 30/13</td>
<td>$21,788.17</td>
<td>$26,000.00</td>
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<td>Scaling up HIV Prevention in Karnataka and Southern Maharashatra, Phase 2</td>
<td>Moses, Stephen</td>
<td>Jamie Blanchard</td>
<td>Nov 21/08</td>
<td>Mar 31/14; ext June 30/14</td>
<td>$764,491.96</td>
<td>$21,291,723.00</td>
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<td>To influence global HIV prevention practice by disseminating widely the approaches and learning from scaled HIV prevention interventions in India – Part 1 (USD)</td>
<td>Moses, Stephen</td>
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<td>Dec 15/11</td>
<td>Sept 30/14; ext Mar 31/15</td>
<td>$172,968.48</td>
<td>$537,800.00</td>
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<tr>
<td>To influence global HIV prevention practice by disseminating widely the approaches and learning from scaled HIV prevention interventions in India – Part 2 (USD)</td>
<td>Moses, Stephen</td>
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<td>Dec 15/11</td>
<td>Sept 30/14; ext Mar 31/15</td>
<td>$240,936.17</td>
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<tr>
<td>**Canadian Working Group on HIV and Rehabilitation, ‘Working Together: **</td>
<td>Murzin, K., et al</td>
<td></td>
<td>2015</td>
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<td>$25,000.00</td>
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<td><strong>HIV and Aging’</strong></td>
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<td><strong>Nurses who lost patients to Suicide’, Brandon University Research</strong></td>
<td>Penner, L.</td>
<td>Roger, K., Clements, K.</td>
<td>2013</td>
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<td>$7,454.00</td>
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<td>Committee (BURC) grant**</td>
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<td><strong>Canadian Longitudinal Study on Aging (CIHR)</strong></td>
<td>Raina, P.</td>
<td>V. Menec etc.</td>
<td>01-Apr-11</td>
<td>31-Mar-14</td>
<td>$381,533.00</td>
<td>$1,144,599.00</td>
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<td><strong>Masculinities and men’s depression and suicide network (MD&amp;S-Net)’</strong></td>
<td>Roger, K., Oliffe, J.,</td>
<td></td>
<td>2014</td>
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<td>$1,475,046.00</td>
<td>$2,950,093.00</td>
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<td>Movember Grant. (co-applicant and co-team leader for Project 3 based in**</td>
<td>Ogrodniczkuk, J.</td>
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<td><strong>Manitoba</strong></td>
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<td><strong>Experiencing the Invisibility of Parkinson’s Disease in Manitoba, B. W.</strong></td>
<td>Roger,K., Penner, L.</td>
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<td>2014</td>
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<td>$3,000.00</td>
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<td><strong>Canadian Longitudinal Study on Aging (CIHR)</strong></td>
<td>Roos, L.</td>
<td>N. Roos, S. Samuel, J. Bolton, L.</td>
<td>01-10-11</td>
<td>30-09-13</td>
<td>$49,399.34</td>
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<td><strong>Katz, et al.</strong></td>
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<td><strong>MCHP Research Support Fund - L Roos</strong></td>
<td>Roos, L.</td>
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<td>01-04-07</td>
<td>31-03-22</td>
<td>$41,996.43</td>
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<td><strong>Studies of human development and well-being</strong></td>
<td>Roos, L.</td>
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<td>01-04-13</td>
<td>31-03-16</td>
<td>$71,155.58</td>
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<td><strong>Injecting Evidence into Health Policy Coverage: Working with the Media</strong></td>
<td>Roos, N.</td>
<td>P. Martens, O. Nuamah</td>
<td>01-11-12</td>
<td>31-10-15</td>
<td>$221,520.11</td>
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<td><strong>Injecting Evidence into Health Policy Coverage: Working with the Media</strong></td>
<td>Roos, N.</td>
<td>P. Martens, M. Driedger, A. Katz,</td>
<td>01-11-12</td>
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<td><strong>Katz, D. Henry, M. Barer, S. Manson-Singer</strong></td>
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<td><strong>Leaving it all up to us - Experience of informal Metis Caregivers</strong></td>
<td>Sanguins, Julianne</td>
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<td>Apr-14</td>
<td>Mar-16</td>
<td>$88,145.00</td>
<td>$205,815.00</td>
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<td>**An examination of violence-related burn injury among women in India. **</td>
<td>Sareen, J.</td>
<td></td>
<td>2013</td>
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<td>$15,000.00</td>
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<td>Culturally grounded suicide intervention in Cree Nation Communities. CIHR-MHRC partnership.</td>
<td>Sareen, J.</td>
<td>Elias, B.</td>
<td>2012</td>
<td>2014</td>
<td>$247,824.00</td>
<td>$495,648.00</td>
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<td>Enhancing existing capacity in applied health services and policy research: The Western Regional Training Centre for Health Services Research (WRTC)</td>
<td>Sheps, Sam</td>
<td>Lisa Lix</td>
<td>April 1, 2009</td>
<td>March 1, 2015</td>
<td>$495,648.00</td>
<td>$1,790,000.00</td>
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<td>Wrap Around Care for Youth Injured by Violence: A Randomized Control Trial.</td>
<td>Snider C.</td>
<td>Drs. Klassen T. Jiang D. Logsetty L., Strome T.</td>
<td>01-07-13</td>
<td>30-06-15</td>
<td>$887,829.00</td>
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<td>CIHR: CRDCN network grant</td>
<td>Spencer Byron</td>
<td>Evelyn Forget + 11 others</td>
<td>01-Apr-10</td>
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<td>SSHRC: CRDCN network grant</td>
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<td>CIHR - DSEN CNODES (Database Team)</td>
<td>Suissa, S.</td>
<td>P. Martens, P.A. Caetano, S. Alessi-Severini, et. Al.</td>
<td>01-01-11</td>
<td>31-12-15</td>
<td>$365,474.35</td>
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<td>CIHR - DSEN CNODES (KT Team)</td>
<td>Suissa, S.</td>
<td>P. Martens, P.A. Caetano, R. Platt, D. Henry, A. Levy, P. Ernst, M. Paterson, G. Teare, B. emmelgarn</td>
<td>01-01-11</td>
<td>31-12-15</td>
<td>$20,000.00</td>
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<td>Games and telerehabilitation for balance impairments and gaze dysfunction: Testing model in clients with peripheral vestibular disorders</td>
<td>Szturm, Tony Joseph</td>
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<td>May 1, 2014</td>
<td>April 1, 2015</td>
<td>$66,461.00</td>
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<td>SUNNYBROOK - (CIHR) - Health care system sustainability through longitudinal efficiency: Improved quality and lower costs</td>
<td>T. Stukel</td>
<td>A. Katz</td>
<td>01-04-10</td>
<td>21-03-15</td>
<td>$12,733.58</td>
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<td>Can resveratrol improve insulin sensitivity and preserve beta cell function following gestational diabetes</td>
<td>Taback S</td>
<td>Drs. Jiang D., Dolinsky V., Jones P., &amp; Burym C.</td>
<td>01-07-13</td>
<td>30-06-16</td>
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<td>The Manitoba Follow-up Study - Winnipeg Foundation</td>
<td>Tate, Robert</td>
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<td>ongoing</td>
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<td>Disease Mapping in the Province of Manitoba, Manitoba Health Research Council (MHRC)</td>
<td>Torabi, M.</td>
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<td>01-Jul-12</td>
<td>30-Jun-15</td>
<td>$99,545.00</td>
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<td>Small Area Estimation, and Spatial Statistics (NSERC)</td>
<td>Torabi, M.</td>
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<td>01-Apr-11</td>
<td>31-Mar-16</td>
<td>$65,000.00</td>
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