DEPARTMENT
OF COMMUNITY
HEALTH SCIENCES

ANNUAL REPORT
1 APRIL 2012 THROUGH 31 MARCH 2013
GREETINGS
FROM THE DEPARTMENT HEAD

It gives me great pleasure to present the Annual Report for the Department of Community Health Sciences for the year April 2012 to March 2013.

In this Annual Report we have tried to group activities and staff according to Departmental Units as far as is possible.

As can be seen, there is a wide variety of interest streams that make up this very diverse and broad-ranging Department. Our programs continue to grow and recognition of our achievements is cited throughout the Report. Congratulations to CHS faculty, students, and staff who have all contributed to this success.

Stephen Moses, MD, MPH
Head of Department
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>MISSION</td>
<td>1</td>
</tr>
<tr>
<td>GOALS</td>
<td>1</td>
</tr>
<tr>
<td>FACULTY LIST</td>
<td>2</td>
</tr>
<tr>
<td>FACULTY INTERESTS</td>
<td>3</td>
</tr>
<tr>
<td>DEPARTMENTAL SUPPORT STAFF</td>
<td>6</td>
</tr>
<tr>
<td>ORGANISATIONAL CHART</td>
<td>7</td>
</tr>
<tr>
<td>FACULTY/STAFF AWARDS</td>
<td>8</td>
</tr>
<tr>
<td>EDUCATIONAL PROGRAMS</td>
<td>11</td>
</tr>
<tr>
<td>a) Undergraduate Education Program</td>
<td>11</td>
</tr>
<tr>
<td>b) Graduate Program</td>
<td>12</td>
</tr>
<tr>
<td>c) Western Regional Training Program</td>
<td>15</td>
</tr>
<tr>
<td>d) The Manitoba NEAHR Program</td>
<td>15</td>
</tr>
<tr>
<td>e) Public Health and Preventative Medicine Residency Program</td>
<td>18</td>
</tr>
<tr>
<td>DEPARTMENTAL UNITS</td>
<td>20</td>
</tr>
<tr>
<td>a) Community Engagement</td>
<td>20</td>
</tr>
<tr>
<td>i) Allan Klass Memorial Health Equity Program</td>
<td>20</td>
</tr>
<tr>
<td>ii) Youth/Community Programs</td>
<td>20</td>
</tr>
<tr>
<td>iii) Bannatyne Students</td>
<td>22</td>
</tr>
<tr>
<td>iv) Supporting Healthy Communities</td>
<td>24</td>
</tr>
<tr>
<td>1. Biomedical youth Program</td>
<td>24</td>
</tr>
<tr>
<td>2. WISH Clinic</td>
<td>37</td>
</tr>
<tr>
<td>b) Section of First Nations, Métis, and Inuit Health</td>
<td>32</td>
</tr>
<tr>
<td>i) Centre for Aboriginal Health Education (CAHE)</td>
<td>34</td>
</tr>
<tr>
<td>ii) Manitoba First Nations Centre for Aboriginal Health Research (MMFN CAHR)</td>
<td>34</td>
</tr>
<tr>
<td>iii) J.A. Hildes Northern Medical Unit</td>
<td>35</td>
</tr>
<tr>
<td>c) Biostatistical Group and Biostatistical Consulting Unit</td>
<td>38</td>
</tr>
<tr>
<td>d) Centre for Global Public Health (CGPH)</td>
<td>39</td>
</tr>
<tr>
<td>e) Critical Social Science Group</td>
<td>44</td>
</tr>
<tr>
<td>f) Centre on Aging</td>
<td>51</td>
</tr>
<tr>
<td>g) Health Economics Group</td>
<td>55</td>
</tr>
<tr>
<td>h) Manitoba Centre for Health Policy (MCHP)</td>
<td>56</td>
</tr>
<tr>
<td>i) Manitoba Follow-Up Study (MFUS)</td>
<td>70</td>
</tr>
<tr>
<td>j) Pharmaco-Epidemiology and Vaccine Research Centre</td>
<td>71</td>
</tr>
<tr>
<td>k) Other Academic Staff</td>
<td>72</td>
</tr>
</tbody>
</table>
FINANCIAL OVERVIEW ................................................................................................................74
a) New Research Funds ..............................................................................................................74
b) Research Funds .....................................................................................................................78

PUBLICATIONS ............................................................................................................................88
a) Academic Papers, Books, Book Chapters, Reports ...............................................................88
b) Presentations and Published Abstracts ...............................................................................103
c) CHS Colloquium Schedule ...............................................................................................115
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.
DEPARTMENTAL ACADEMIC

FULL TIME FACULTY/UNIT HEADS

Professors
James F. Blanchard, Evelyn L. Forget, Shiva Halli, Thomas H. Hassard, Joseph M. Kaufert, Lisa Lix, Patricia Martens, Verena Menec, Michael E.K. Moffatt, Stephen Moses, Robert B. Tate

Associate Professors
Judith Bartlett, Sharon Bruce, S. Michelle Driedger, Lawrence J. Elliott, Joel Kettner, Pierre Plourde

Assistant Professors
Tracie Afifi, Marcia Anderson DeCoteau, Lisa Avery, Robert M. Chase, Malcolm Doupe, Brenda Elias, Randy Fransoo, Depeng Jiang, Robert Lorway, Salaheddin Mahmud, Deborah McPhail, Mahmoud Torabi

Instructor
Gladys Stewart

PART TIME FACULTY

Professors

Associate Professors

Assistant Professors
**FACULTY INTERESTS**

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Email</th>
<th>Interests</th>
</tr>
</thead>
<tbody>
<tr>
<td>Navdeep Tangri, Doug Tataryn, Elise Weiss, Brock Wright, John Wylie, Xibiao, Ye, Nancy Yu, Ryan Zarychanski</td>
<td>Associate Professor</td>
<td><a href="mailto:t_affi@umanitoba.ca">t_affi@umanitoba.ca</a></td>
<td>Epidemiology of child maltreatment and intimate partner violence; problem gambling; mental health; suicide</td>
</tr>
<tr>
<td>Marcia Anderson DeCoteau, BSc (Winnipeg), MD (Manitoba), MPH (Johns Hopkins), FRCP</td>
<td>Assistant Professor</td>
<td><a href="mailto:manderso@cc.umanitoba.ca">manderso@cc.umanitoba.ca</a></td>
<td>Section Head, First Nation Métis and Inuit Health Aboriginal Health; health policy</td>
</tr>
<tr>
<td>Lisa Avery, BSc (McGill), MD (Manitoba), MIH (University of Copenhagen), FRCP</td>
<td>Assistant Professor</td>
<td><a href="mailto:avery@cc.umanitoba.ca">avery@cc.umanitoba.ca</a></td>
<td>Sexual and reproductive health; maternal, neonatal and child health; health inequities and social determinants of health; global health; quality of health care</td>
</tr>
<tr>
<td>Judy Bartlett, MSc, MD, CCFP, FCSP (Manitoba)</td>
<td>Associate Professor</td>
<td><a href="mailto:Bartlett0@ms.umanitoba.ca">Bartlett0@ms.umanitoba.ca</a></td>
<td>Aboriginal health</td>
</tr>
<tr>
<td>James F. Blanchard, BSc (Med), MD (Manitoba), MPH, PhD (Johns Hopkins)</td>
<td>Professor, Director, Centre for Global Public Health</td>
<td><a href="mailto:blancha0@cc.umanitoba.ca">blancha0@cc.umanitoba.ca</a></td>
<td>Epidemiology of diabetes; HIV/AIDS prevention in developing countries; international health</td>
</tr>
<tr>
<td>Sharon Bruce, BN, MA, PhD (Manitoba)</td>
<td>Associate Professor</td>
<td><a href="mailto:brucessg@cc.umanitoba.ca">brucessg@cc.umanitoba.ca</a></td>
<td>Medical anthropology; diabetes epidemiology; health of aboriginal peoples</td>
</tr>
<tr>
<td>Robert M. Chase, BSc (Toronto), CCFP, FRCPC, MSc (McMaster)</td>
<td>Assistant Professor</td>
<td><a href="mailto:chaser@cc.umanitoba.ca">chaser@cc.umanitoba.ca</a></td>
<td>Occupational health – musculoskeletal injuries; international health – war and child mental health; environmental health</td>
</tr>
<tr>
<td>Malcolm Doupe, BPEd, MSc, PhD (Manitoba)</td>
<td>Assistant Professor</td>
<td><a href="mailto:Malcolm_Doupe@cpe.umanitoba.ca">Malcolm_Doupe@cpe.umanitoba.ca</a></td>
<td>Health services research; aging and the use of health care services; assessing the quality of health care provision in nursing homes</td>
</tr>
<tr>
<td>Name</td>
<td>Title</td>
<td>Email</td>
<td>Research Interests</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>------------------------------------------</td>
<td>------------------------------</td>
<td>--------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>S. Michelle Driedger</td>
<td>Associate Professor</td>
<td><a href="mailto:Michelle.Driedger@umanitoba.ca">Michelle.Driedger@umanitoba.ca</a></td>
<td>Environment and health; risk; risk communication; science – Policy; knowledge transfer; qualitative methods</td>
</tr>
<tr>
<td>Brenda Elias, MA</td>
<td>Assistant Professor</td>
<td><a href="mailto:elias@ms.umanitoba.ca">elias@ms.umanitoba.ca</a></td>
<td>Aboriginal health; mixed methods studies (qualitative/quantitative)</td>
</tr>
<tr>
<td>Lawrence J. Elliott</td>
<td>Associate Professor</td>
<td><a href="mailto:elliott@cc.umanitoba.ca">elliott@cc.umanitoba.ca</a></td>
<td>Epidemiology and control of infectious diseases; multiple sclerosis</td>
</tr>
<tr>
<td>Evelyn L. Forget</td>
<td>Professor, Director, CHS, Graduate Program</td>
<td><a href="mailto:forget@cc.umanitoba.ca">forget@cc.umanitoba.ca</a></td>
<td>Cost effectiveness analysis; healthcare financing; health economics; health effects of public policy</td>
</tr>
<tr>
<td>Randy Fransoo</td>
<td>Assistant Professor</td>
<td><a href="mailto:randy_fransoo@cpe.umanitoba.ca">randy_fransoo@cpe.umanitoba.ca</a></td>
<td>Health services research; social determinants of health; knowledge translation; child health and development; cardiovascular epidemiology</td>
</tr>
<tr>
<td>Shiva Halli</td>
<td>Professor</td>
<td><a href="mailto:halli@cc.umanitoba.ca">halli@cc.umanitoba.ca</a></td>
<td>International health especially migration as a risk factor in the spread of HIV/STDs infection; immigrants' health in Canada; violence against women; international demography</td>
</tr>
<tr>
<td>Thomas H. Hassard</td>
<td>Professor</td>
<td><a href="mailto:hassard@ms.umanitoba.ca">hassard@ms.umanitoba.ca</a></td>
<td>Multivariate analysis; evaluation of quality of care; psychometric issues in medical education</td>
</tr>
<tr>
<td>Depeng Jiang</td>
<td>Assistant Professor, Director, Biostatistical Consulting Unit</td>
<td><a href="mailto:jiang@cc.umanitoba.ca">jiang@cc.umanitoba.ca</a></td>
<td>Person–centered statistical approach in health science; clinical trial design and intervention evaluation; latent variable analysis and structure equation model (SEM); longitudinal data analysis and multilevel model</td>
</tr>
<tr>
<td>Alan Katz</td>
<td>Professor</td>
<td><a href="mailto:akatz@cpe.umanitoba.ca">akatz@cpe.umanitoba.ca</a></td>
<td>Primary care service delivery patterns; knowledge transfer in primary care and quality of care; experience with qualitative, quantitative and administrative database research designs</td>
</tr>
<tr>
<td>Joseph M. Kaufert</td>
<td>Professor</td>
<td><a href="mailto:kaufertj@ms.umanitoba.ca">kaufertj@ms.umanitoba.ca</a></td>
<td>Medical anthropology and medical sociology; aboriginal health; disability; qualitative research methods; research ethics; critical theory and health communication</td>
</tr>
<tr>
<td>Joel D. Kettner</td>
<td>Associate Professor, Director, Master of Public Health Graduate Program</td>
<td><a href="mailto:kettner@cc.umanitoba.ca">kettner@cc.umanitoba.ca</a></td>
<td>Public health practice; medical education; community health status assessment; clinical epidemiology; population health determinants</td>
</tr>
<tr>
<td>Lisa Lix</td>
<td>Professor</td>
<td><a href="mailto:lisa.lix@med.umanitoba.ca">lisa.lix@med.umanitoba.ca</a></td>
<td>Analysis of longitudinal/repeated measures data; methods for spatially and temporally correlated health services data; longitudinal studies of health services use; robust statistics</td>
</tr>
<tr>
<td>Name</td>
<td>Title/Position</td>
<td>Email</td>
<td>Research Interests</td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>----------------------------------------</td>
<td>------------------------------------</td>
<td>------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Robert Lorway, BA (Hons) (St. Mary’s), MA (Dalhousie), PhD (Toronto)</td>
<td>Assistant Professor</td>
<td><a href="mailto:lorway@cc.umanitoba.ca">lorway@cc.umanitoba.ca</a></td>
<td>Medical anthropology; gender and sexuality studies; cultural aspects of HIV and AIDS; critical public health theory; community-based research</td>
</tr>
<tr>
<td>Salaheddin Mahmud, MD (Libya), MSc (London-UK), PhD (Manitoba), CCFP, FRCPC</td>
<td>Assistant Professor</td>
<td><a href="mailto:salah_mahmud@umanitoba.ca">salah_mahmud@umanitoba.ca</a></td>
<td>Medical Officer of Health (surveillance and epidemiology), WRHA. Cancer epidemiology; pharmacoepidemiology; pharmacovigilance including vaccine effectiveness and safety; public health surveillance; measurement errors in epidemiologic studies</td>
</tr>
<tr>
<td>Patricia Martens, BSc (Chemistry), Cert.Ed. (Secondary), MSc (Manitoba), IBCLC, IBLCE, PhD (Manitoba)</td>
<td>Professor, Director, Manitoba Centre for Health Policy</td>
<td><a href="mailto:Pat_Martens@cpe.umanitoba.ca">Pat_Martens@cpe.umanitoba.ca</a></td>
<td>Health services research; epidemiology; rural and northern health; population health; knowledge transfer; program evaluation; child health; lactation; first nations</td>
</tr>
<tr>
<td>Deborah McPhail, BA (Manitoba), MA (Toronto), PhD (York)</td>
<td>Assistant Professor</td>
<td><a href="mailto:deborah.mcphail@med.umanitoba.ca">deborah.mcphail@med.umanitoba.ca</a></td>
<td>Health inequity; critical obesity studies; qualitative and feminist research methods; social theories of health and illness; gender studies/gender and health; critical race theory; colonialism in health and illness; globalization and health; class structures and health inequalities</td>
</tr>
<tr>
<td>Verena Menec, BA, MA, PhD (Manitoba)</td>
<td>Professor, Director, Centre on Aging</td>
<td><a href="mailto:menec@cc.umanitoba.ca">menec@cc.umanitoba.ca</a></td>
<td>Health and aging; health services research; survey research; health psychology</td>
</tr>
<tr>
<td>Michael E.K. Moffatt, BSc, MD (Toronto), MSc (McGill), FRCPC</td>
<td>Professor</td>
<td><a href="mailto:mmoffatt@wrha.mb.ca">mmoffatt@wrha.mb.ca</a></td>
<td>Health services research in the broadest sense of the word including improving outcomes, quality and health status with particular emphasis on disadvantaged populations – specific areas include early childhood dental caries and childhood obesity</td>
</tr>
<tr>
<td>Stephen Moses, MD (Toronto), MPH (Johns Hopkins)</td>
<td>Professor, Head, Department of Community Health Sciences, Associate Director Centre for Global Public Health</td>
<td><a href="mailto:stephen.moses@med.umanitoba.ca">stephen.moses@med.umanitoba.ca</a></td>
<td>Biological and behavioural risk factors for STI/HIV transmission in developing countries; targeted interventions to reduce the transmission of STIs and HIV infection; health worker training in STI management in resource-poor settings</td>
</tr>
<tr>
<td>Pierre Plourde, MD (Ottawa), FRCPC</td>
<td>Associate Professor</td>
<td><a href="mailto:pplourde@wrha.mb.ca">pplourde@wrha.mb.ca</a></td>
<td>Infectious disease epidemiology; international health; travel medicine</td>
</tr>
<tr>
<td>Robert B. Tate, BSc (Winnipeg), MSc, PhD (Manitoba)</td>
<td>Professor</td>
<td><a href="mailto:tate@ms.umanitoba.ca">tate@ms.umanitoba.ca</a></td>
<td>Director, Manitoba Follow-Up Study. Biostatistics; longitudinal studies; aging; cardiovascular epidemiology</td>
</tr>
<tr>
<td>Mahmoud Torabi, BSc, MSc (National University of Iran), PhD (Carleton)</td>
<td>Assistant Professor</td>
<td><a href="mailto:torabi@cc.umanitoba.ca">torabi@cc.umanitoba.ca</a></td>
<td>Biostatistics; cluster detection; longitudinal data analysis; small area estimation; spatial statistics</td>
</tr>
</tbody>
</table>
DEPARTMENTAL SUPPORT STAFF

Kathleen Bell, Administrative Assistant to the Department Head;
Paulette Collins, Department Administrator;
Karen Cook, Project Manager, Community Engagement;
Brenden Dufault, BioStats Consultant;
Don Erickson, Information Technologist;
Princess Fernandez, Finance Officer;
April Hatland, Office Assistant, Graduate and Residency Program
Theresa Kennedy, Administrative Assistant for the Graduate and Residency Program;
Iryna Tsybukh, Office Assistant/Undergraduate Program Assistant;
Bre Woligroski, Clinic Facilitator, WISH Clinic
FACULTY/STAFF AWARDS

Drs. Judith Bartlett, Juliette Cooper and Verena Menec were nominated for the 37th YMCA–YWCA Women of Distinction Awards which recognise the contributions of women to this community. The YMCA–YWCA received a total of 78 nominations. Congratulations to Department of Community Health Sciences staff who were nominated. Drs. Judith Bartlett and Juliette Cooper were declared winners in their categories.

Dr. Maureen Heaman was the recipient of the YMCA–YWCA of Winnipeg’s 2012 Women of Distinction Award in the Category of Science, Technology and the Environment on 2 May 2012.

Dr. Sharon Bruce was the recipient of the 2012 Ed Kroeger Mentorship Award. Nominated by her students, the award acknowledges a current professor who exemplifies excellence in graduate and professional teaching.

Community Health Sciences instructors, Dr. Joel Kettner, Dr. William Libich, Dr. Patricia Martens, Dr. Bruce Martin, and Dr. Pierre Plourde were nominated for teaching excellence in Medicine 1 at the MMSA 2011/12 teaching awards, Teacher Recognition Dinner on 9 April 2013.

Dr. Malcolm Doupe was the recipient of the Rh Award for Outstanding Contributions to Scholarship and Research in the Health Sciences category at the University of Manitoba.

Dr. Malcolm Doupe was selected to receive one of two 2012–2013 CIHR IHSPR Article of the Year Awards for the article “Frequent users of emergency departments: developing standard definitions and defining prominent risk factors.”

Dr. Michelle Driedger’s Tier 2 Canada Research Chair in Environmental and Health Risk Communication was renewed. Dr. Driedger will receive $500,000 over five years as a Tier II chair.

Professor Evelyn Forget was awarded a Queen Elizabeth II Diamond Jubilee medal at a ceremony conducted by Senator Hugh Segal for her ongoing work on Basic Income (guaranteed annual income) which continues to attract attention. The Queen Elizabeth II Diamond Jubilee Medal is a new commemorative
medal created to mark the 2012 celebrations of the 60th anniversary of Her Majesty Queen Elizabeth II’s accession to the Throne. It serves to honour significant contributions and achievements by Canadians.

Dr. Alan Katz was the recipient of the Manitoba Research Chair in Primary Prevention from the Manitoba Health Research Council and the Heart and Stroke Foundation of Manitoba ($100,000 per year for five years).

Dr. William Leslie (presenter), Dr. C Metge, Dr. S Morin, Dr. S Majumdar, and Dr. L Lix received the Best Clinician Abstract at the International Society for Clinical Densitometry for their paper, “Temporal trends in bone mineral density, body mass index and fracture rates: implications for osteoporosis diagnosis and FRAX”. March 2013; Tampa, Florida.

Dr. Salaheddin (Salah) Mahmud was awarded a Tier 2 Canada Research Chair (CRC) in Pharmacoepidemiology and Vaccine Evaluation. Dr. Mahmud will receive $500,000 in funding over the next five years as a Tier 2 chair.

Dr. Patricia Martens was the recipient of the 2012 Una Ridley Health Sciences Lecture award, University of Lethbridge, Lethbridge, Alberta (21 November 2012).

Dr. Deborah McPhail was awarded a University Research Grants Program (UGRP) with two colleagues from Memorial University, Pamela Ward and Jill Allison, “Reproducing Stigma? Obesity and Women’s Experiences of Reproductive Health Care.” The award period is from 31 December 2012 – 31 December 2013.

Dr. Noralou Roos was nominated for the 17th Annual NIHCM Foundation Health Care Research Award for the article entitled “Enhancing Policymakers’ Understanding of Disparities: Relevant Data from an Information–Rich Environment.” (co–authors: Leslie L. Roos, Marni Brownell and, from the University of Western Australia, Emma Fuller).

Dr. Jitender Sareen along with CA Henriksen, SL Bolton, TO Afifi, MB Stein, and GJG Asmundson received the Major Sir Frederick Banting Award, an award presented
annually at the Military and Veteran Health Research Forum. At the 2011 MVHR Forum Dr. Jitender Sareen presented the awarded paper titled “Adverse Childhood Experiences in Relation to Mood and Anxiety Disorders in a Population Based Sample of Active Military Personnel.” The goal of the paper was to examine childhood experiences and vulnerability to combat stress.

Dr. Shahin Shooshtari received The Manitoba Association of Home Economists 2012 Award for Excellence in Teaching and The University of Manitoba 2011 Merit Award for Research, Teaching, and Service.

Manitoba Health Research Council Awards Announced for 2012–2013

- Manitoba Research Chair: Dr. Lisa Lix
- Establishment Grants: Drs. Depeng Jiang and Mahmoud Torabi
- Clinical Fellowships: Dr. Pamela Skrabek
- Coordinated Studentships: Andrea Blanchard, Jennifer McArthur, Leigh McClarty, Andrea Bombak, Elizabeth Cooper, Elsabé du Plessis, Natalie Riediger, Rae Spiwak, Laura Thompson, Alexander Villafranca

Charles Burchill was the recipient of the Leadership Award in the Support Staff Awards of Excellence, University of Manitoba.

Theresa Kennedy was nominated for a University of Manitoba Service Award for her work as Graduate/Residency Program Assistant. On the 30th of April Theresa and other nominees were celebrated at a special reception held at Fort Garry campus. Theresa was accompanied to the reception by Dr. Robert Tate and Charlene Muzyka.
EDUCATIONAL PROGRAMS

The Department provides teaching and mentorship in Community Health Sciences to undergraduate medical students, graduate students (Diploma, Masters and Doctoral), residents in Public Health and Preventive Medicine, and post-doctoral fellows. The Department also hosts two training opportunities for students from a variety of disciplines, the Western Regional Training Centre and The Manitoba NEAHR program.

UNDERGRADUATE EDUCATION PROGRAM

The Department teaches in all four years of the medical curriculum spanning Pre-clerkship, Introduction to Clerkship, and Clerkship.

The Department continues to recognise excellence in medical students' scholarly activity in the field of population and public health sciences. Prizes are awarded to students in the Community Health Sciences Clerkship who produce the best scholarly paper on public health and health policy. Thirty-four “Class of 2013” undergraduate medical students submitted their papers for consideration and the following four students were recognised for outstanding work.


2. Jeffrey Tompkins: “Low-Dose Lead Toxicity: Implications for a 5mcg/dl Lead Toxicity Threshold”

3. Brea Sharkey, BSc: “Programs for the prevention and cessation of non-traditional tobacco use among Aboriginal youth in Canada”

4. Corey Thomas Veldman, BSc: “The Uneven Distribution of Tuberculosis in Canada: A First Nations Perspective”

The CHS Undergraduate Education Committee and faculty members have...
participated and been engaged in the Curriculum Renewal Task Groups and planning meetings over the last 12 months and continue to do so. Dr. Carla Ens was appointed Curriculum Lead for the new longitudinal Course in Community Health/Epidemiology. The Centre for Aboriginal Health Education (CAHE) Director, Dr. Barry Lavallee has taken on the Curriculum Lead for the Indigenous Longitudinal Course development in the Undergraduate Medical Education program that is currently under renewal in the Faculty of Medicine. The positioning of Indigenous Health as one of six longitudinal courses that will be integrated throughout all four years of the undergraduate program represents a significant increase in the time and content allocated to this area. In February 2013 a Curriculum Development Coordinator, Linda Diffey was hired. Marti Ford was also contracted to contribute her expertise to the process of developing this new curriculum.

Work to date on the Indigenous Health Curriculum has focused on setting up an advisory committee composed of faculty, Elders, and students to support and inform the curriculum development process, as well as engaging with other course leaders to explore opportunities for integration of Indigenous health throughout the curriculum. The overall goal is to advance the teaching of Indigenous health horizontally with support from the longitudinal course. Over the next year the curriculum planning team will undertake a community needs assessment study to identify the key knowledge, skills, and attitudes that our medical graduates should achieve to provide culturally safe care to Manitoba’s First Nations, Métis, and Inuit populations. The findings of this study will be used to inform the curriculum planning process and contextualise the curriculum renewal process for the larger Curriculum Renewal leadership group. The new Indigenous health curriculum will take advantage of new learning strategies, such as online learning tools and innovative approaches to community–based learning.

**GRADUATE PROGRAM**

**DR. EVELYN FORGET, DIRECTOR**

**Highlights**

Demand for our graduate degrees continues to grow. We admitted 26 new students in each of 2012 and 2013 intakes from a field of over 130 qualified candidates each year. This year the mean admission GPA of recommended PhD students was 4.09, of recommended MSc was 3.8 and MPH was 3.78. The list of students receiving major awards is attached.

There are nine members of the Graduate Program Committee. Four are appointed: Director of the Graduate Program, Dr. Evelyn Forget; ex–officio member, Department Head Dr. Stephen Moses; MPH Director, Dr. Joel Kettner; and the Director of the Population Health Preventive Medicine (PHPM) residency program, Dr. Brent Roussin. In addition, there are six members elected for three–year terms by the Department Council: four full–time faculty members, Drs. Randy
Fransoo, Lawrence Elliott, Malcolm Doupe, and Michelle Driedger, and two part–time faculty Drs. Shayne Taback and Ruth Ann Marrie. Ms. Theresa Kennedy is the full time graduate program administrative assistant.

Graduated Students

Nine CHS students completed their Master’s or Doctoral programs since March 2012. This includes one PhD student, four MSc, two MPH, and two diploma graduates. A listing of students with their thesis titles appears below. Curt Pankratz, who defended in February 2012, was recently awarded a "best dissertation award".

Graduate Program Students New and Continuing-On Awards

<table>
<thead>
<tr>
<th>Award</th>
<th>Graduate Program Student</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arthur V. Mauro Senior Student Award</td>
<td>Shauna Zinnick</td>
</tr>
<tr>
<td>Canadian Foundation for Dental Hygiene</td>
<td>Salme Lavigne</td>
</tr>
<tr>
<td>CIHR Frederick Banting and Charles Best CGS–D</td>
<td>Souradet Shaw</td>
</tr>
<tr>
<td>CIHR Frederick Banting and Charles Best CGS–D</td>
<td>Andrea Bombak</td>
</tr>
<tr>
<td>CIHR Master’s Award: HIV/AIDS Community–Based Research: General Stream</td>
<td>Andrea Blanchard</td>
</tr>
<tr>
<td>CIHR Frederick Banting and Charles Best CGS–M</td>
<td>Jennifer McArthur</td>
</tr>
<tr>
<td>CIHR Regional Partnerships Program – in partnership with Manitoba Health Research Council</td>
<td>Charlene Muzyka</td>
</tr>
<tr>
<td>CNF Dr. Helen Glass Award</td>
<td>Edith–Rose Cairns</td>
</tr>
<tr>
<td>David G. Fish Memorial Scholarship</td>
<td>Leigh McClarty</td>
</tr>
<tr>
<td>Distinguished Dissertation Award</td>
<td>Curtis Pankratz</td>
</tr>
<tr>
<td>Evelyn Shapiro Award for Health Services Research</td>
<td>Sarita Jha, MSc Candidate, Faculty of Pharmacy; Leanne Kosowan, MSc Candidate, Family Social Sciences; Kellie Thiessen, PhD Candidate, Applied Health Sciences</td>
</tr>
<tr>
<td>GSA Awards</td>
<td>Andrea Blanchard (for full time master’s student), Aynslie Hinds (for full time doctoral student), Leanne Leclair (for part time doctoral student)</td>
</tr>
<tr>
<td>Greene Memorial Fellowship</td>
<td>Trina Arnold (CHS) Edith–Rose Cairns (CHS)</td>
</tr>
<tr>
<td>International Graduate Student Entrance Scholarship (IGSES)</td>
<td>Xue Lin</td>
</tr>
<tr>
<td>Manitoba Health Research Council (not partnered)</td>
<td>Shay–Lee Bolton</td>
</tr>
<tr>
<td>Manitoba Health Research Council Clinical Fellowship Award</td>
<td>Pamela Skrabek</td>
</tr>
<tr>
<td>R. Samuel M Laughlin/MMSF Research and Education Fellowship Award in Medicine</td>
<td>Dr. Christine Fedorow</td>
</tr>
<tr>
<td>Rose Mary and Frederick Allan Johnson Scholarship</td>
<td>Kellee Hodge</td>
</tr>
</tbody>
</table>
Janelle de Rocquigny was awarded the Queen Elizabeth II Diamond Jubilee Medal on September 27, 2012 at Government House. The Honourable Maria Chaput, Senator, nominated Janelle “for her keen awareness of environmental issues; for giving an international voice to Franco–Canadians; and for her efforts to find concrete actions toward sustainable development.” Janelle has been involved with the organisation Development and Peace for 17 years. As a result, she was selected to represent the organisation this past June in Rio de Janeiro at the People’s Summit, a parallel conference to the United Nations’ Conference on Sustainable Development.

List of Graduates

<table>
<thead>
<tr>
<th>Student</th>
<th>Program</th>
<th>Thesis Title</th>
<th>Defence Date</th>
<th>Advisor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andrew West</td>
<td>DipPH</td>
<td>Diploma Program in Population Health (course based program)</td>
<td>May 2013 grad</td>
<td>E. Forget</td>
</tr>
<tr>
<td>Leslie Cotsianis</td>
<td>DipPH</td>
<td>Diploma Program in Population Health (course based program)</td>
<td>May 2013 grad</td>
<td>E. Forget</td>
</tr>
<tr>
<td>Margaret J. Ha-</td>
<td>MSc</td>
<td>Gender, Deprivation and Health in Winnipeg</td>
<td>13/03/2013</td>
<td>P. Martens, D. Chateau, M. Heaman, R. Fransoo, J. Ristock</td>
</tr>
<tr>
<td>worth–Brockman</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tracey Dowson</td>
<td>MPH</td>
<td>Stakeholder Qualitative Interviews of a Supportive Housing Project for the Chronically Homeless and A Food Security Profile in the Downtown Winnipeg Community Area</td>
<td>8/12/2013</td>
<td>J. Kettner, L. Elliott, B. Roussin Field Placement Supervisors: C. Metge, C. Charette</td>
</tr>
<tr>
<td>Charlene Muzyka</td>
<td>MSc</td>
<td>Perceived Control Over Diabetes Prevention in a Manitoba First Nation Community</td>
<td>10/08/2013</td>
<td>S. Bruce</td>
</tr>
<tr>
<td>Student</td>
<td>Program</td>
<td>Thesis Title</td>
<td>Defence Date</td>
<td>Advisor(s)</td>
</tr>
<tr>
<td>---------------</td>
<td>---------</td>
<td>------------------------------------------------------------------------------</td>
<td>--------------</td>
<td>------------</td>
</tr>
<tr>
<td>Kathleen Decker</td>
<td>PhD</td>
<td>Evaluating the Effectiveness of Cervical Cancer Screening Invitation Letters</td>
<td>1/08/2013</td>
<td>D. Turner</td>
</tr>
<tr>
<td>Rachel Carr</td>
<td>MSc</td>
<td>The Closure of Brandon Mental Health Centre: A Case Study and Ten-Year Follow-Up of Individuals Discharged from 1990–1998</td>
<td>17/07/2013</td>
<td>P. Martens</td>
</tr>
<tr>
<td>Thomas Mutter</td>
<td>MSc</td>
<td>Incidence and Predictors of Serious Postoperative Complications in Obstructive Sleep Apnea Patients: Retrospective Cohort and Nested Case-Control Analyses of Clinical and Administrative Data</td>
<td>15/06/2013</td>
<td>L. Roos</td>
</tr>
</tbody>
</table>

**WESTERN REGIONAL TRAINING CENTRE**  
**Dr. Malcolm Doupe, Director**

**Highlights**

The Western Regional Training Centre (WRTC) provides student stipends ($17,850) and 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:
- Sneha Abraham
- John Paul Kuwornu
- Taruwna Manyanga
- Elizabeth Wall–Wieler
- Shauna Zinnick

**NETWORK ENVIRONMENT FOR ABORIGINAL HEALTH RESEARCH**  
**Dr. Catherine Cook, Principle Investigator, Dr. Sharon Mah, Co-ordinator**

**Key Activities**

The Manitoba NEAHR program provides graduate fellowships, summer research internships, and New Investigator research awards with the objective of developing capacity in First Nations, Métis, and Inuit (FN/M/I) health research. Recipients of these research awards are selected through annual competitions.

In 2012–2013, the Manitoba NEAHR supported six Masters fellowships, four PhD fellowships, nine undergraduate summer research internship awards, and two New Investigator awards. All NEAHR supported students participate in an annual student colloquium. The colloquium is not only an opportunity...
for students to gain experience in research presentations, it also serves as a forum for students to seek advice and feedback from experienced researchers and representatives from community-based organisations. Summer research interns participate in four days of health research workshops that are delivered by members of the NEAHR investigator team. Topics include basic research skills such as CV writing, conducting literature reviews, and accessing FN/M/I health data, as well as traditional perspectives on health and wellness and the social determinants of health as they relate to FN/M/I communities.

On the 13th to 15th of June 2012, the Manitoba NEAHR held the Summer Institute in Peer Review for Aboriginal Health Research Proposals. The Institute provided hands-on training in the process of conducting a CIHR style review of research grant applications with mentorship and guidance provided by NEAHR researchers and a representative from the Canadian Institutes of Health Research. Over 20 participants including graduate students, community-based researchers, and new investigators attended the summer institute.

The Manitoba NEAHR hosted the 2nd First Nations, Métis, and Inuit Health Research Symposium at the Faculty of Medicine, 28 February - 1 March 2013. The theme of the symposium was Engaging with First Nations, Métis & Inuit Populations in Health Research: Celebrating how we make a difference together. The symposium featured 27 presentations by students, community-based researchers, and academic researchers from across Manitoba.

In collaboration with faculty members from Australia, New Zealand, New Mexico, and Hawaii researchers on the Manitoba NEAHR team initiated the development of an International Indigenous Academic Health Network that will stimulate knowledge creation and mobilisation across three domains: medical education, health research, and health service delivery. The network will facilitate academic exchanges for both students and faculty to influence change within these domains. The international partners have engaged in teleconferences and meetings to develop the shared vision, strategic directions, and objectives for the network and are in the process of developing formal agreements among the partner institutions that will support the activities of the network.

Community Engagement Activities

The Manitoba NEAHR has formal partnerships with both the Assembly...
of Manitoba Chiefs (AMC) and the Manitoba Métis Federation (MMF), and the community-based research funding in the NEAHR project that supports First Nations and Métis health research and knowledge translation activities that are under the direction of these organisations. Representatives of AMC and MMF are part of the NEAHR Co-Investigator team and are also actively engaged in the Manitoba NEAHR Review Committee which is responsible for the selection of student and faculty research awards.

**Manitoba NEAHR Summer Internship in Aboriginal Health Research**

<table>
<thead>
<tr>
<th>Title</th>
<th>Intern</th>
<th>Research Mentor</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Indian News: The Exploration of Native Health Issues, 1954–1982</td>
<td>Intern: Felicia Sinclair</td>
<td>Research Mentor: Dr. Mary Jane McCallum, Department of History, University of Winnipeg</td>
</tr>
<tr>
<td>Chronic Kidney Disease in First Nations Communities</td>
<td>Intern: Stephanee Ophey</td>
<td>Research Mentor: Dr. Barry Lavallee, Diabetes Integration Project</td>
</tr>
<tr>
<td>Island Lake Food Insecurity</td>
<td>Intern: Sean McPhee</td>
<td>Research Mentor: Ms. Laurie Wood Ducharme, Four Arrows Regional Health Authority</td>
</tr>
<tr>
<td>Development of a Social Support Program with Mothers in a First Nations Community</td>
<td>Intern: Melissa Ballantyne</td>
<td>Research Mentor: Dr. Donna Martin, Faculty of Nursing, University of Manitoba</td>
</tr>
<tr>
<td>Exploring the Connection between Determinants of Food Choice and Self-Rated Diet in a Manitoba First Nations Community</td>
<td>Intern: Kayla Farquhar</td>
<td>Research Mentor: Dr. Sharon Bruce, Department of Community Health Sciences, University of Manitoba</td>
</tr>
<tr>
<td>Exploring Traditional Food Consumption in a Manitoba First Nations Community</td>
<td>Intern: Kerry Spence</td>
<td>Research Mentors: Dr. Sharon Bruce, Department of Community Health Sciences, University of Manitoba</td>
</tr>
<tr>
<td>Prevalence and Risk Factors of Parental–Reported Early Childhood Caries among Manitoba First Nations Children: Results from the RHS Phase 2 (2008–10)</td>
<td>Intern: Shelley Halchuk</td>
<td>Research Mentor: Dr. Robert Schroth, Faculty of Dentistry, University of Manitoba</td>
</tr>
<tr>
<td>The Regional Longitudinal Health Survey and Maintaining the Principles of OCAP by Returning Data to Participating Manitoba Communities</td>
<td>Intern: Nadia Green</td>
<td>Research Mentor: Ms. Leona Star, Assembly of Manitoba Chiefs</td>
</tr>
<tr>
<td>Diabetes: The Maestro Project and Next Generation Project</td>
<td>Presenter: Kayla Muskego</td>
<td>Research Mentor: Dr. Heather Dean, Department of Pediatrics, University of Manitoba</td>
</tr>
</tbody>
</table>
### Manitoba NEAHR Graduate Fellowships

<table>
<thead>
<tr>
<th>Graduate</th>
<th>Program</th>
<th>Research Focus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Angeline Tuesday</td>
<td>Program: Master of Science, Department of Family Social Sciences, Faculty of Human Ecology, University of Manitoba</td>
<td>Research Focus: Intimate partner violence from the perspective of First Nations women</td>
</tr>
<tr>
<td>Kimberly Hart</td>
<td>Program: Master of Social Work, Faculty of Social Work, University of Manitoba</td>
<td>Research Focus: Indigenous populations and trauma</td>
</tr>
<tr>
<td>Stephanie Sinclair</td>
<td>Program: PhD, Department of Psychology, Faculty of Arts, University of Manitoba</td>
<td>Research Focus: Intergenerational impact of residential school</td>
</tr>
<tr>
<td>Leanne Kosowan</td>
<td>Program: Master of Science, Department of Family Social Sciences, Faculty of Human Ecology, University of Manitoba</td>
<td>Research Focus: Pregnancy outcomes and infant health</td>
</tr>
<tr>
<td>Courtney Bell</td>
<td>Program: Master of Science, Department of Medical Microbiology, Faculty of Medicine, University of Manitoba</td>
<td>Research Focus: HIV and rapid disease progression in Manitoba's Aboriginal population</td>
</tr>
<tr>
<td>Cheryl Sobie</td>
<td>Program: Master of Arts, Department of Environment and Geography, Faculty of Arts, University of Manitoba</td>
<td>Research Focus: Food insecurity among urban Aboriginal women</td>
</tr>
<tr>
<td>Tabitha Martins</td>
<td>Program: Master of Art, Department of Environment and Geography, Faculty of Arts, University of Manitoba</td>
<td>Research Focus: Understanding the value and promise of Indigenous food sovereignty in Western Canada</td>
</tr>
<tr>
<td>Katie Peterson</td>
<td>Program: Master of Arts, Department of Environment and Geography, Faculty of Arts, University of Manitoba</td>
<td>Research Focus: Collaborative Wildlife Mapping Project</td>
</tr>
<tr>
<td>Maggie Penfold</td>
<td>Program: Doctor of Philosophy, Department of Psychology, Faculty of Clinical Psychology, University of Manitoba</td>
<td>Research Focus: Aboriginal Student Success and Retention in Health Relation Education</td>
</tr>
</tbody>
</table>
ANNUAL REPORT - 1 APRIL 2012 THROUGH 31 MARCH 2013

PUBLIC HEALTH AND PREVENTATIVE MEDICINE RESIDENCY PROGRAM
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 basic clinical training with the opportunity to qualify for 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 Masters in Public Health (MPH) or a Masters in 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.

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. Drs. Tim Hilderman and Lawrence Elliott continue to serve on the Royal College’s Speciality Committee for Public Health and Preventive Medicine.

As of 1 July 2013 the program will have six full time residents: Drs. Michael Isaac, Heejune Chang, Adrienne Morrow, Abed Elallegy, Lydia Chen, and Davinder Singh.

MANITOBA NEAHR NEW INVESTIGATOR AWARD IN ABORIGINAL HEALTH RESEARCH

<table>
<thead>
<tr>
<th>New Investigator</th>
<th>Program</th>
<th>Research Focus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Jaime Cidro</td>
<td>Department of Anthropology, University of Winnipeg</td>
<td>Research Focus: Infant Feeding as a Cultural Intervention for Early Childhood Caries in First Nation Communities</td>
</tr>
<tr>
<td>Dr. Mary Jane McCallum</td>
<td>Department of History, University of Winnipeg</td>
<td></td>
</tr>
</tbody>
</table>

NEW INVESTIGATOR PROGRAM

Research Focus

Dr. Jaime Cidro
Department of Anthropology, University of Winnipeg
Research Focus: Infant Feeding as a Cultural Intervention for Early Childhood Caries in First Nation Communities

Dr. Mary Jane McCallum
Department of History, University of Winnipeg

Manitoba NEAHR New Investigator Award in Aboriginal Health Research
COMMUNITY ENGAGEMENT

ALAN KLAASS MEMORIAL HEALTH EQUITY PROGRAM
Dr. Sharon Macdonald, Director

In 2012–2013 the effort continued to build new and strengthen existing campus–community partnerships. These include various program offerings at Bannatyne campus and aimed for inner Winnipeg youth and development of student leadership roles through the Global Health Concentrations Program and Community Development initiatives. It is an exciting time at CHS and there is much to celebrate!

YOUTH/COMMUNITY PROGRAMS
Karen Cook, Project Manager

Mini-University Camps

The long–running and successful Mini–U camp program was offered at our Bannatyne Campus for three weeks in August 2012. Bringing this camp to Bannatyne provided a safe, fun and convenient program for youth residing in inner Winnipeg. CHS staff worked with area schools to identify and recruit young campers to this inaugural event. The proximity of the schools to our campus worked well with Mini–U’s walking school bus where camp counselors met students at their school and supervised the walk to and from the Joe Doupe gymnasium each day. Dr. Lynne Warda from the WRHA worked with CHS to provide safety presentations and free bicycle helmets to all campers. Thank you Lynne for organising this!
SWISH

The Summer Weekend Inner–City Supervised Hoops (SWISH), held in Parking Lot E from 30 June - 11 August provided a drop–in basketball venue every Saturday from 11:00 a.m.–5:00 p.m. Approximately 129 registrants from inner Winnipeg stopped by to shoot hoops, participate in 3–on–3 games, or develop their technique over the course of this program. SWISH was a joint partnership between Faculties of Medicine, Dentistry, Pharmacy, Kinesiology & Recreation Management, and School of Medical Rehabilitation, as well as Basketball Manitoba, City of Winnipeg, and the Youth Agencies Alliance and its members. With funds received through an anonymous donor and the success of SWISH in 2012, plans for SWISH 2013 are well underway!

Basketballs for Inner City Kids

Basketballs for Inner City Kids: Since 2006, several Bannatyne staff have participated in this volunteer–run program that provides basketballs to graduating Grade 6 students from Bannatyne–area schools. To date over 3,000 basketballs have been presented to youth in the community. In December 2012 the first ever Bannatyne versus Students Basketball Fundraiser was held in the Joe Doupe Centre, raising approximately $2,500 for this project. Thank you to all who collected pledges!

Career Trek

The University of Manitoba has partnered with Career Trek for several years. Career Trek is a Manitoba–based, not–for–profit organisation that provides children 10 years and older with the opportunity to explore several career paths. Participants
receive hands-on experience in a multitude of careers with the goal of igniting their passion and potential for post-secondary education.

Career Trek visited Bannatyne on three occasions over the past year where approximately 90 youth participated in hands-on activities in the following careers: Medical Doctor, Pharmacy, and Occupational and Respiratory Therapy. Students came from several First Nations communities (Sandy Bay, Long Plain, Dakota Tipi, Roseau River, Swan Lake); Parkland Region (Waterhen, Skownan, Gymsumville, Pine Creek, Duck Bay, Winnipegosis); and from Winnipeg's Pembina Trails School Division.

A huge thank-you to our student volunteers from Faculties of Medicine, and Pharmacy, and School of Medical Rehabilitation who were great mentors for participants!

I Love to Read Month

Each year in February, “I Love To Read” month is celebrated to promote a love of reading in schools, families, and communities. This year’s theme was “Planting the Seeds of Literacy and Fostering Engagement.” The Faculty of Medicine partnered with Wellington School to bring our communities together and promote the love for reading during the week of 25 February – 1 March. Wellington is a Nursery to Grade 6 school with a diverse student population located just two blocks south of our campus. Thank you to the following readers who came out to read:

• Blair Nicholls, External Relations
• Dr. Sharon Macdonald, Community Health Sciences
• Paulette Collins, Community Health Sciences
• Marcia Dzik, Faculty of Medicine
• Melanie MacKinnon, Northern Medical Unit
• Barbara Shay, School of Medical Rehabilitation
• Karen Cook, Community Health Sciences
• Dr. Stephen Moses, Community Health Sciences

International Woman’s Day

This year, CHS hosted a potluck lunch on the 7th of March to celebrate this international event. Dr. Janice Dodd from the Faculty of Arts, Women’s and Gender Studies provided the keynote session with a summary of recent research into the recruitment, persistence, and success of women in science in post-secondary institutions. Attendees were asked to bring a donation of gently used clothing, books, etc. to support the North End Women’s Centre’s Up Shop; a used clothing store that supports programming for the Centre’s clients.

BANNATYNE STUDENTS

Global Health Concentrations Program

54 Medical students participated in this student-initiated program focusing on global health with a local engagement component. CHS supported the group administratively through agency development, logistics, and financial resources. The group came together in September.
2012 and explores global health issues through:

1. Self–study
2. Local engagement
3. Global engagement
4. Knowledge translation

Local engagement alone resulted in just over 1700 volunteer hours at various inner Winnipeg agencies where the success of program and services are largely dependent on volunteers. Students who complete the two–year GHCP will receive a mention on their Dean's letter upon graduating from medical school.

Community-Campus Partnership Framework

Dr. Sharon Macdonald and Karen Cook have been working with a group of Bannatyne students who are developing a framework for a community–campus partnership to provide research, evaluation, and other program supports to non–profit organisations. Students working on this initiative will receive co–curricular recognition on their transcript in the areas of volunteerism and leadership.

Orientation Week Activities

Approximately 110 incoming Medical Students participated in a tour of the Inner City community in August 2012. The tour was provided in the context of leveraging both campus (administrators, faculty, staff, and students) and community resources to identify, learn, and celebrate the richness of the inner city. CHS received positive feedback from student participants as well as the broader UM community. Preliminary discussions are taking place to determine how these tours might be part of Orientation Week for all incoming Bannatyne students in 2013–14.
SUPPORTING HEALTHY COMMUNITIES

An important component of the community engagement strategy is to participate with community at various events with a goal of building strong relationships. Over the past year CHS supported the following events:

1. Ka Ni Kanichihk Inc.–Keeping the Fires Burning Gala
2. Lighting Up the Avenue–annual Selkirk Avenue Holiday Lighting celebration
3. Volunteer Appreciation Dinner–honoring inner Winnipeg volunteers
4. Siloam Mission Gala
5. North End Hockey Program–program for school–aged inner Winnipeg youth administered by Ndinawemaaganaag Endaawaad Inc. (Ndinawe); provides funding, transportation and equipment needs
7. Wellington School–Winter Holiday Dinner
8. Dufferin School Parent/Family Centre–Summer Community Festival
9. Westland Foundation Annual Gala–providing post–secondary scholarships to inner Winnipeg youth

BIOMEDICAL YOUTH PROGRAM

Dr. Francis Amara, Director
Julie Daet, Acting, Director
Jan Middleton, Administrative Assistant

Through a variety of initiatives geared towards promoting scientific literacy, the Biomedical Youth Program (BYP) continues to provide enrichment experiences for youth of all demographics, leadership opportunities for volunteers, and professional development workshops for educators. In response to the BYP’s growing projects, two laboratory technicians have been added to the Program’s support staff. The Inner City Science Centre (ICSC), located within Niji Mahkwa School, serves as the focal point of the majority of the BYP’s activities, while fundraising events and the annual summer camp are hosted on the University of Manitoba Bannatyne
Campus and surrounding Health Science Centre Complex.

In keeping with the BYP’s mandate of “working in and with the community,” after-school Science Buddies Clubs and Mentorship Sessions are provided to students of all ages from various schools and organisations from across the city. This branch of the BYP is run by volunteer coordinators from various departments and faculties from the Universities of Winnipeg and Manitoba. Activities provided encompass a diversity of disciplines from both Basic and Medical Sciences. Participants of the Science Buddies Clubs also conduct original research under the tutelage of undergraduate and graduate student volunteers, as well as their teachers, and receive honours for their work at numerous science fairs throughout the province. Participants of the after-school programming are encouraged to raise awareness of their activities by contributing to the annual holiday bake sale with the guidance of the BYP coordinators, teachers and other community leaders.

The BYP recognises teachers as the critical link to engaging youth. In the 2012–13 academic year the BYP has launched a series of professional development workshops. These workshops provide the opportunity for educators to learn a variety of laboratory skills, including techniques used in cutting-edge research. In this way, the BYP aims to build and further hone capacity in classrooms.

Biomedical Youth Summer Camp

Once again, the Biomedical Youth Summer Camp (BYSC) hosted from 23 - 27 July 2012 recruited budding young scientists to the Bannatyne Campus for a week of unique hands-on activities and interactive lectures, delivered by student volunteers as well as practising health care professionals. The number of Grade 4–12 participants increased from 120 (in 2011) to 200 (in 2012), marking a 66% increase. Of these 200 participants, approximately one-third of participants were from inner-city populations, including Aboriginal and new immigrants. The Camp was also delighted to host students from rural First Nations communities.

In order for the Camp to be a success, the BYP relies on the assistance and support of approximately 125 volunteers annually. Of the total number, nearly one-fifth of volunteers were from the Faculty of Medicine. Activities were provided by a range of different units and departments located on or surrounding the Bannatyne
Campus, as well as health awareness and student groups, listed below:

1. Addictions Foundation of Manitoba
2. Sun Sense, Canadian Cancer Society
3. Heart and Stroke Foundation
4. Medical Physics Division, Cancer Care Manitoba
5. Let's Talk Science at the Faculty of Science, University of Winnipeg
6. Let's Talk Science at the Faculty of Science, University of Manitoba
7. Human Nutritional Sciences, Faculty of Human Ecology, University of Manitoba
8. Undergraduate Medical Education, University of Manitoba
9. School of Medical Rehabilitation, University of Manitoba
10. Faculty of Pharmacy, University of Manitoba
11. Dept. of Community Health Sciences, Faculty of Medicine, University of Manitoba
12. Dept. of Immunology, Faculty of Medicine, University of Manitoba
13. Faculty of Education, University of Winnipeg
14. National Microbiology Laboratory, Public Health Agency of Canada

Expansion of the Inner City Science Centre

In order to provide science education experiences for a growing body of learners and respond to the increasing demand for opportunities to use the ICSC, the BYP developed and opened a Chemistry Laboratory in the summer of 2012. The Chemistry Laboratory offers teachers and student participants the opportunity to use state-of-the-art gene sequencing apparatus and various probes with many chemical detection and measurement properties, while incorporating computer interfaces for such instruments. The new Chemistry facility completes the ICSC’s triad of laboratories—adding to the labs developed earlier—housing equipment...
found in University–level Biotechnology and Physics and Imaging research.

Science Buddies Clubs and Interactive Class Activities

Both during and after curricular hours, the ICSC serves as a centre of learning for students from all parts of the province. Science Buddies activities are driven by volunteer co-ordinators, organising activities ranging from basic chemistry, meteorology, forensics, genetics, simulation pharmacology, human physiology, and advanced microbiology. Activities also aim to raise awareness of healthy lifestyle habits by inviting students and professionals from the medical faculty to provide such activities.

In recognising the role of teachers as educational leaders, the ICSC has accommodated pre–service teachers from the University of Winnipeg, as well as teacher–led hands–on activities. Experiments led by teachers address several outcomes in the Manitoba curriculum, thereby enhancing scientific concepts for students. In 2012–13, the ICSC accommodated well over 150 visits and over 1000 student participants from Winnipeg and rural municipalities.

The following schools/organisations experienced programming for 2012–13:

1. Niji Mahkwa School
2. Angus McKay School
3. Munroe Junior High School
4. Holy Ghost School
5. Holy Cross School
6. St. Ignatius School
7. St. Maurice School
8. Sisler High School
9. Carman School
10. St. Aidan’s Christian School
11. Isaac Newton School
12. Isaac Brock School
13. Andrew Mynarski School
14. St. Edward’s School
15. Garden City Collegiate
16. Edmund Partridge School
17. West St. Paul School
18. St. Mary’s Academy
19. Manitoba First Nations Education Resource Centre
20. Career Trek
21. International Schools’ Science Fair
22. Elmwood High School
23. Ecole River Heights
24. William Whyte School
25. Winnipeg Adult Education Centre

National Biotechnology Week

The ICSC was pleased to be a part of the Life Sciences Association of Manitoba’s National Biotechnology Week (NBW) activities in September 2012. NBW aims to raise awareness of the impact that biotechnology research is making in the lives of people around the globe, as well as demonstrate biotechnology’s applications to youth. The ICSC provided engaging presentations on various technologies used in life sciences research, as well as a hands–on simulation of how diseases spread and epidemiological tracking techniques. These activities were enjoyed by 90 participants and teachers from Carman, Manitoba.

Manitoba First Nations Education Resource Centre

The Manitoba First Nations Education Resource Centre (MFNERC) partnered with the BYP to host research skills
workshops at the ICSC in February 2013. The aim of the mentorship days was to help participating high school students gain essential skills in literature searches, experimental design, academic writing, and basic laboratory techniques. Twenty-five participants from various rural and northern communities including Shamattawa, Split Lake, and Fisher River attended. Laboratory techniques taught included environmental plant stress tests, water quality testing, and food nutritional value analyses.

Mentorship Program

Scientific inquiry allows students to demonstrate leadership in their own research, and the BYP’s Mentorship Program is proud to support such endeavours. The mentorship sessions are facilitated with the help of 25 volunteers who provide individualised guidance for the young scientists. In addition, BYP teacher associates who had attended laboratory training workshops at the ICSC also mentored their students using the skills previously gained.

The 2012 mentorship sessions saw 16 budding young scientists undertake various projects. Mentorship sessions were held for five hours weekly at the ICSC from January to April 2012. Student participants presented their projects at science fairs within their schools, the Winnipeg Schools’ Science Fair, Manitoba Schools’ Science Symposium, and the Youth Encouraging Sustainability Showcase in Stonewall. The mentorship students earned recognition at the various science fairs, including four bronze, four silver, eight gold medals, and two best in category honours, with some mentees garnering multiple awards for their work.
Winnipeg Schools Science Fair

In partnership with the Winnipeg School Division (WSD), the BYP assisted in the hosting of its Annual Science Fair at the Faculty of Medicine, University of Manitoba from the 17th - 20th of April. More than 200 projects done by students in Grades 4 - 12 from the Division’s schools were exhibited in Brodie Centre, and judged by volunteers from the Universities of Winnipeg and Manitoba, members of faculty, as well as industry. The fair provided the young scientists with a platform to exchange ideas with other participants, as well as discuss their research and make connections with experts in the field. Activities between judging sessions were also provided illustrating concepts in chemistry and simulation epidemiology.

Professional Development Workshops for Manitoba Educators

After discussions with the administrative bodies of various school divisions, the BYP has implemented professional development workshops for educators spanning the course of the academic year. During these workshops, under the guidance of laboratory technicians and other educators from Winnipeg School Division, participating teachers acquire skills in laboratory techniques and experimental design, in addition to collaborating with their colleagues to develop hands–on curriculum–based activities. Educators are also encouraged to utilise the knowledge gained to initiate science buddies clubs within their schools, as well as mentor students to participate in regional science fairs. Educators learn how to demonstrate simple techniques using chemical water test strips, through to upper level methods such as visualising the internal components of mammalian cells using fluorescence microscopy.

The professional development series involved 45 teachers from Winnipeg and surrounding areas, allocated to seven cohorts who met at the ICSC on a monthly basis for the training sessions. The participants teach a wide range of grade levels, in which many have expressed their commitment to sharing their knowledge amongst other educators at the provincial, national, and international level. It is anticipated that the educators from this year’s cohorts will be leading workshops at both the ICSC, as well as newly–renovated laboratory space designated for the BYP on the third floor of the Medical Rehabilitation...
Building. To further raise awareness of the ICSC and third-floor laboratory and teaching space, the BYP is collaborating with Manitoba Education to develop a resource book for educators. This resource is being written and developed by the BYP’s teacher associates who took part in the 2011 summer institutes.

In partnership with the University of Winnipeg’s Faculty of Education, the BYP also provides workshops to five pre-service teachers undergoing the practical component of their programs at Niji Mahkwa School. As part of their classroom practicum, the Bachelor of Education candidates develop and conduct activities using equipment within the laboratories to address their curricular outcomes, facilitating a practicum experience which further develops creative thinking in scientific teaching. These pre-service teachers utilise the facilities at the ICSC for an average of two days per school week during block practicum periods. Further, two of the five teacher candidates presented at the Western Canadian Association for Student Teaching (WestCAST) Conference hosted at the University of Northern British Columbia in February 2013. The pre-service teachers completed their presentation on the learning opportunities available for grade-school students and the role of the ICSC in their professional development.

Bake Sale Fundraiser

Building on the positive response from both the University and participants of the ICSC’s activities, the BYP hosted its second Annual Bake Sale Fundraiser in late November 2012 on the J. A. Hildes and Joe Doupe concourses. Items for sale were baked by volunteers, participants, teachers, and community workers. The bake sale raised $1000 and provided an opportunity for student participants to take a tour of the Bannatyne Campus, and interact with UM students, staff, and faculty about their learning experiences at the ICSC.
WINNIPEG INTERPROFESSIONAL STUDENT RUN HEALTH CLINIC (WISH Clinic)
Bre Woligroski, Clinic Facilitator

WISH Clinic provides non-judgmental, socially responsible, holistic health care to a population that struggles with poorer health than the rest of the city. Operating out of our partner facility, Mount Carmel Clinic, WISH partners student learners with professional mentors, offering a walk-in Clinic as well as drop-in programming to Point Douglas residents on Sunday afternoons.

WISH is a student-run clinic, and over 635 student volunteer shifts were filled with students from Medicine, Pharmacy, Human Ecology, Nursing, Occupational Therapy, Dental Hygiene, Dentistry, Physical Therapy and Science. These students acted under the guidance of mentors from a variety of professions, working hand-in-hand to provide learning in the areas of population and community health.

The students planned two Dental Hygiene Fairs, one Women’s Health Day, one Diabetes Day, and a number of sports programming sessions at the Clinic on Summer Sundays. Our annual Family Fun Day BBQ hosted 740 community members, and our Holiday Party hosted 203 community members, providing the community with a safe and positive space to celebrate as well as health-related programming and resources.

WISH serves as an important part of both Mount Carmel Clinic and Community Health Sciences in its service to Point Douglas, community health, and inter-professional student learning.

Total for year (30 Clinics, Holiday Party, Family Fun Day BBQ)

<table>
<thead>
<tr>
<th>Client Age (Years)</th>
<th>0-20-2</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>17</td>
<td>223</td>
<td>33</td>
<td>199</td>
<td>704</td>
<td>68</td>
<td>1244</td>
</tr>
<tr>
<td>Female</td>
<td>32</td>
<td>197</td>
<td>74</td>
<td>250</td>
<td>592</td>
<td>57</td>
<td>1202</td>
</tr>
<tr>
<td>Total Number of Patrons</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2446</td>
</tr>
<tr>
<td>+740 Estimated Attendance at Family Fund Day Event and 203 at Holiday Party</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3389</td>
</tr>
<tr>
<td>Total Number of Patrons Accessing Clinical Services</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>81</td>
</tr>
</tbody>
</table>
SECTION OF FIRST NATIONS, MÉTIS, AND INUIT HEALTH

Dr. Marcia Anderson DeCoteau, Section Head

The Section of First Nations, Métis, and Inuit Health is comprised of J. A. Hildes Northern Medical Unit (NMU), Centre for Aboriginal Health Education (CAHE), and Manitoba First Nations Centre for Aboriginal Health Research (MFN CAHR).

The past year the Section was able to share the Strategic Plan and begin its implementation. Monthly leadership meetings continue as a means of sharing information, group creative thinking, support, and collaboration. Priority activities for this year included further attempts to refine the NMU leadership structure to maximise its effectiveness and support the NMU in negotiations with MB Health around proposed budget recoveries; working with CAHE to hire team members to work on curriculum renewal, and we have been pleased to have Linda Diffey and Martit Ford work with Dr. Barry Lavallee on this; and advocating and beginning the hiring process for a mid-career tenure-track position for the new Director of Research for the Section, situated in MFN CAHR.

In addition, we have continued with supporting opportunities for Section members to participate in First Nations ceremonial activities by sponsoring traditional healers and planning events, in addition to the cultural teachings and activities hosted by CAHE.

We continue to collaborate with the Associate Dean of First Nations, Métis, and Inuit Health in planning the Indigenous Health Lecture Series and also on the forums held on research and the university’s role in primary care. We have begun our attempts at community engagement by hosting an open forum to discuss the strategic plan of the Section and receive feedback at the end of March, where some travel bursaries were available to support the attendance of our community partners. Several communities have also been visited by members of the Section leadership team, and this will be an ongoing activity.

CURRENT AND CONTINUING ACTIVITIES

- Implementation of the Strategic Plan
- Contributing to curriculum renewal and supporting CAHE as the lead unit
- Participating in Department and Executive Council meetings
- Participating in Associate Dean’s First Nations, Métis and Inuit Health Advisory Committee
- Negotiations of contracts with government funders and service providers
- Adapting the Organisational Structure of the Section to fit the functions and identifying appropriate resources including human resources, financial, and space

RESEARCH

Two research projects have begun by Dr. Marcia Anderson DeCoteau with internal Faculty of Medicine funding. The first is looking at the admissions outcomes and career trajectories of First Nations, Métis, and Inuit students admitted to the Faculty of Medicine prior to 2008. The second study is
examining the knowledge, availability, utilisation and needs for academic, social, and cultural supports of current First Nations, Métis, and Inuit health professional students. In addition, several members of the Section team are named co-investigators on Dr. Alan Katz’s recently funded CIHR grant which will examine primary care innovations.

COMMUNITY ENGAGEMENT ACTIVITIES

Each unit has reported on their own community engagement. Activities of the Section included:

- Presenting to the Chiefs Task Force on Health of the Assembly of Manitoba Chiefs
- Sponsoring several ceremonial events where there was both Section and community participation
- Participating on career day at Niji Makwa School
- Hosting a forum for members of the communities we serve to learn about the Section and its strategic plan
- Multiple community visits to communities the NMU serves

KNOWLEDGE TRANSLATION ACTIVITIES

20 April 2012: Plenary presentation: “Ethics and Equity in Health Policy” at the Annual Scientific Assembly of the Manitoba College of Family Physicians, Winnipeg, Canada.


TRAINING/MENTORING ACTIVITIES

Dr. Anderson DeCoteau participated in many of the mentoring activities including lunchtime teachings and student pizza nights in order to interact with the students. She is also mentoring two high school students, one First Nations and one Taiwanese, who are interested in careers in medicine. In addition to inviting their participation in mentoring events at the University, the students regularly assist Dr. Anderson DeCoteau and her husband in preparations for ceremonial
Centre for Aboriginal Health Education
Dr. Barry Lavallee, Director

CAHE continues to follow its mandate of advancing medical education and supporting self-identified health care students. There have been a number of exciting developments during the past year that have positioned CAHE in lead roles for student support, Indigenous medical curriculum and community engagement.

STUDENT SUPPORT

CAHE continues to provide support to students in a number of areas; traditional knowledge, support linkages to university services, regular pizza nights etc. We are finding a change in the student demographic with more requests from the Faculty of Nursing, Red River College health students and non-Indigenous students from our faculty wanting support and opportunities to learn.

SUMMARY

1. Development of a special interest group on Indigenous health is in the making at this faculty
2. Creation of an Officer for Indigenous Health linked to the national medical student body
3. Increased number of hours devoted to Indigenous health

STAFF

Margaret Lavallee, Elder-in-Residence
Amanda Penzick, Administrative Assistant
Linda Lamirande, Program Coordinator & Student Support

Manitoba First Nations Centre for Aboriginal Health Research (MFN CAHR)

The Manitoba NEAHR (Network Environments for Aboriginal Health Research) hosted the annual First Nations, Métis and Inuit Health Research Symposium, February 28–March 1, 2013. The symposium featured 36 presentations by students, community based researchers and academic researchers from across Manitoba.

KNOWLEDGE TRANSLATION

• Lavoie J, Kaufert J, Mah S. Community report to Berens River First Nations, February 2013 for the project: Leaving the City: An exploration of cultural, social, health and economic dimensions of Manitoba First Nations relocating to urban centres to access medical care. Distributed in the community to community leadership and stakeholders.
• Lavoie J, Kaufert J, Mah S. Community report to Opaskwayak Cree Nation, February 2013 for the project: Leaving the City: An exploration of cultural, social, health and economic dimensions of Manitoba First Nations relocating to urban centres to access medical care. Distributed in the community to community leadership and stakeholders.
• Lavoie J, Kaufert J, Mah S. Community report to Wuskwi Sipik First Nations, March 2013 for the project: Leaving the City:
An exploration of cultural, social, health and economic dimensions of Manitoba First Nations relocating to urban centres to access medical care. Distributed in the community to community leadership and stakeholders.

STAFF

Faculty

Dr. Marcia Anderson Decoteau; Dr. Catherine Cook; Dr. Josée Lavoie, Affiliated; Dr. Joseph Kaufert, Affiliated; Madelyn Hall, Research Associate; Linda Diffey, Research Associate; Dr. Sharon Mah, Research Associate; and Amanda Woods, Research Associate

Support

Dawn Stewart, Financial Administrator; Henry Dik, Info Technologist; Chantal Edwards, Receptionist/Financial Assistant; Bonnie Sheppard Lewis, Transcriptionist

Student Research Assistants

Paula Broeders, Kristen McKay, Stephanee Ophey, Lynelle Ouellette

J.A. Hildes Northern Medical Unit

Dr. Yvette Emerson, Associate Director
Dr. Ken Hahlweg, Associate Director
Dr. Anne Durcan, Associate Director of Inuit Health Program
Melanie MacKinnon, Director of Programs & Administration

Since late 1969 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 Medicine, 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, midwifery, human communication, and rehabilitation therapy. The support of the communities served, Manitoba Health, First Nations Inuit Health, and Health Canada is appreciated.

<table>
<thead>
<tr>
<th>Manitoba</th>
<th>Nunavut</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beren’s River</td>
<td>Arviat</td>
</tr>
<tr>
<td>Bloodvein</td>
<td>Baker Lake</td>
</tr>
<tr>
<td>Chemewawin</td>
<td>Chesterfield Inlet</td>
</tr>
<tr>
<td>Churchill</td>
<td>Coral Harbour</td>
</tr>
<tr>
<td>Garden Hill</td>
<td>Repulse Bay</td>
</tr>
<tr>
<td>Grand Rapids</td>
<td>Rankin Inlet</td>
</tr>
<tr>
<td>Hodgson, Fisher Branch, Fisher River, Kinonjeoshtegon</td>
<td>Sanikiuaq</td>
</tr>
<tr>
<td>Little Grand Rapids</td>
<td>Whale Cove</td>
</tr>
<tr>
<td>Norway House</td>
<td></td>
</tr>
<tr>
<td>Pauingassi</td>
<td></td>
</tr>
<tr>
<td>Poplar River</td>
<td></td>
</tr>
<tr>
<td>Pukatawagan</td>
<td></td>
</tr>
<tr>
<td>Red Sucker Lake</td>
<td></td>
</tr>
<tr>
<td>St. Theresa Point</td>
<td></td>
</tr>
<tr>
<td>Wasagamack</td>
<td></td>
</tr>
</tbody>
</table>
Core Services

<table>
<thead>
<tr>
<th>Manitoba</th>
<th>Nunavut</th>
</tr>
</thead>
<tbody>
<tr>
<td>Family Physicians</td>
<td>Medical Specialists</td>
</tr>
<tr>
<td>Medical Specialists</td>
<td>Medical Rehabilitation (OT, PT, STP)</td>
</tr>
<tr>
<td>Retinal Screening</td>
<td></td>
</tr>
<tr>
<td>Advanced Foot Care</td>
<td></td>
</tr>
<tr>
<td>Renal Dialysis</td>
<td></td>
</tr>
</tbody>
</table>

EDUCATION

- Co-ordinating rural week
- Early exposure summer student placements
- Supporting CAHE member students
- Northern and remote family medicine residency stream
- Coordinating clinical placement teaching sites, instructors and mentors

KEY ACTIVITIES AND DELIVERABLES

- Stabilisation of programs and services
- 5% physician vacancy rate
- 5% overall staff vacancy rate
- New consultants on the “waiting list”
- Recruitment of Indigenous leadership and retention of Medical Directors
- Students and health professionals re-engaged with the NMU
- Community leadership and health departments re-engaged with the NMU/University
- New community interest in receiving health programs and services from the NMU
- Renewed funding relationships with provincial and federal partners
- 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)
- >750 Days for Consultant/Medical Specialist (more than 30 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
- 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 specialty 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

Churchill
Michelle Brown and Jamie Cluff

Hodgson
Jeanette Bouchard, Debbie Hart-Swanson, Geraldine Heinrichs, Krystal Johnson-Woloshyn, Darlene Thomas, Shelley Lynn Uruksi, Ann Vandersteen, Sherry Asham, Amanda Asham, Jackie Cook, Ida Draper, Lorne Houston, Natash Moodie, Krystal Johnson, May Perez, Michelle Teichert

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


Island Lake
Melanie Beardy, Sally Day, Julie Harper, Crystal Harper, Ella Wood

Grand Rapids
Melinda Munroe
Nunavut

Lorna Doubt, Francine Mach, Jeannine Wheeler, Michael Wheeler, Pam Becker, Dianne Denoon, Carol Kehler, Candance Myers, Reta Holland, Meghan Prouse, Neelu Raisinghani, Marlaibne Wilborn, Alysha Friedman, Zachary Harris, Rachael Czutrin, Sharon halldorson, Janna MacLachlan, Cory Mcfarlane, Pamela Zary

Winnipeg - Administrative Staff

Monica Achtemichuk, Melissa Balness, Pam Becker, Eileen Bouw, Kathy Cao, Mary Carey, Julie Creasey, Olga Cruces, Anne Durcan, Amy Dyttnerski, Patricia Elphick, Yvette Emerson, Robyn Gordon-Brown, June Gray, Ava Halpin, Ken Hahlweg, Kathy Harlos, Dwayne Koop, Joy Langrell, Mel MacKinnon, Jean Parry, Dorothy Parker, Kathy Risk, Eunice Roulette, Kanchana Sankaranarayanan, Wendy Smith, Sylvia Sunstrum, Lori Thiessen, Bonnie Tinker, Michelle Vandenbroeck, Angela Wall, Gail Yacucha

Winnipeg - Summer Students

Angela Chung, Scott Hodgson, Nicolas Humniski, Diane Kim, Rustam Rafikov, Myranda Sopel

BIOSTATISTICAL GROUP AND CONSULTING UNIT

BIOSTATISTICS GROUP

DR. LISA LIX

Dr. Lix established a Population Health Data Laboratory at the University of Saskatchewan in 2008 when she joined that institution. She moved her research activities associated with the Laboratory to the University of Manitoba when she re–joined the Department of Community Health Sciences in September 2012.

The Data Laboratory supports a program of research to investigate the quality (e.g., accuracy and completeness) of secondary, administrative health data, and develops statistical models to address deficiencies in data quality. At present, these methods are being used to investigate multiple chronic diseases, including osteoporosis, hypertension, and Parkinson's disease.

STAFF

Rubina Singh, Research Administrative Coordinator, Department of Community Health Sciences and George and Fay Yee Centre for Healthcare Innovation, Xue Yao, Data Analyst, Department of Community Health Sciences, Lin Yan, Data Analyst, George and Fay Yee Centre for Healthcare Innovation, Bolanle Dansu, Yao Nie, and Paul Kuwornu, Student Research Assistants, Department of Community Health Sciences

DR. MAHMOUD TORABI

Highlights

- Received a Manitoba Health Research Council Establishment Grant, July 2012–June 2015
- Published 11 papers in top–tier peer–reviewed journals
- Gave an invited talk at six provincial/national/international conferences

Training/Mentoring Activities
• Farhad Shokoohi, Post-doctoral fellow
• Elaheh Torkashvand, PhD student
• Chao Zhu, Research Assistant
• Katie Galloway, Research Assistant

BIOSTATISTICS CONSULTING UNIT
Dr. Depeng Jiang, Director

KEY ACTIVITIES
• Continue to provide consulting service for Faculty of Nursing with one day per week, which generated revenue of over $21,000 for BCU
• Reached an agreement with MFN Centre for Aboriginal Health Research for long term use of consulting services for three days per week for the year
• Provided consulting service for 40 casual clients over 50 projects, with charged service hours ranging from 1 to 30 hours per project
• Delivered data management workshops on Excel, Access, database plan and design, and statistical software of SAS
• In addition to the fee-for-service consulting, the BCU provided more than 40 students and faculty members with complimentary consulting services
• Promoted inter-or multi-discipline research collaborations and helped with grant/funding planning, development, and proposal preparation, which resulted in more than ten successful grant applications

STAFF
Dr. Depeng Jiang, Director; Mr. Brenden Dufault, Full Time Statistical Consultant; Mr Dennis Bayomi, Part Time Consultant

CENTRE FOR GLOBAL PUBLIC HEALTH
DR. JAMES BLANCHARD, DIRECTOR

HIGHLIGHTS
The past year has been one of learning and accomplishment for the faculty and staff of the Centre for Global Public Health (CGPH). As well as continuing work on several existing projects in India, China, Pakistan, Kenya, and Nigeria, we have been successful in securing additional projects which complement our existing activities. We have also seen the completion of several longstanding and significant projects with excellent results.

The USAID–funded project HIV/AIDS Prevention, Care, and Support in Karnataka, India, was successfully completed in June 2012. The project was initiated in October 2006, with the goal of developing a comprehensive program providing HIV/AIDS prevention, care, support, and treatment to vulnerable and affected populations in 12 high-prevalence districts in Karnataka. Another
longstanding project Building Capacity to Respond to HIV/AIDS in China was completed in March 2013. This project was the catalyst for the development of a collaborative relationship with Sichuan University’s West China School of Public Health. The project’s aim was to enhance capacity in China to respond to the HIV/AIDS epidemic through developing the West China School of Public Health as a Centre of Excellence in STI and HIV/AIDS–related training, planning, and delivery of high quality educational programs.

Implementation of the CIDA–funded project Meeting Critical Health Care and Nutritional Needs to Improve Maternal Neonatal and Child Health in Vulnerable African Populations was started in May 2012. Activities were initiated with the Centre for Global Public Health hosting the project implementation meeting in Nairobi, Kenya in May 2012. The meeting brought together representatives of the project’s implementing partners, World Renew, and Pwani Christian Community Services, together with the University of Manitoba project team members. A follow–up project meeting was held in January 2013, where the initial results of the baseline assessment were discussed and next steps planned.

The project titled Enhancing the Impact of HIV Prevention Programs for Most At–Risk Populations in Kenya was also started. This project will establish a national Technical Support Unit to develop technical strategies and guidelines, build capacity and provide implementation support for the scaling up of HIV prevention programs for most–at–risk populations in Kenya.

Elsabe du Plessis, PhD student in the Department of Community HealthSciences, spent three months in Kenya as an intern in the Students for Development Project
An office was established in Nairobi, Kenya which houses the project team, including a senior strategic advisor, a technical and strategic planning team leader, several technical officers and regional field support officers, as well as several project support personnel.

Several new projects have recently been awarded to CGPH, including a CIHR-funded project based in Pakistan which will investigate the social, behavioural, and transmission dynamics associated with diversity in HIV epidemics among people who inject drugs and other key populations in that country. This project will see CGPH partner with the London School of Tropical Medicine and Hygiene to analyse the HIV epidemics among intravenous drug users in Pakistan, using epidemiology, molecular phylogenetics, and modeling techniques. A new project in India, Improving the Quality of Lives of Vulnerable Adolescent Girls in North Karnataka, India, will explore ways of improving the quality of life of adolescent girls from vulnerable and marginalised communities in two districts of Karnataka state, through increasing age at marriage, delaying sexual debut, and preventing entry into sex work. The project Global Activity and Promising Practices in HIV and STBBIs: Program Science Initiatives was also awarded through the Public Health Agency of Canada. This project will identify the current global activity in program science focusing on HIV, tuberculosis, viral hepatitis, and other sexually transmitted and bloodborne infection. As well, the project will explore promising practices and/or models for implementing program science that are being employed in or by high income countries or international organisations. It will explore whether these approaches are applicable to the Canadian context when implemented with a program science approach.

In May 2012, the Centre for Global Public Health hosted a global planning meeting in Nairobi, Kenya, bringing together representatives of the Centre’s global network from India, Pakistan, Kenya, and Nigeria. Participants were asked to provide updates on major activities underway in each country, as well as provide insights into future priorities. Discussion was initiated on ways to work together in the future, and ways to achieve meaningful results in each area. Also, two days were spent discussing the Program Science Initiative, which included an overview of the Program Science concepts and components, as well as country presentations including overviews of current activities and priorities in each geographic area. This was the first meeting bringing together all members of the global network. As the meeting was very productive, plans were made to hold similar meetings in the future.

The Centre continues its role as secretariat for the Program Science Consortium. A core meeting was held in Washington, DC in December 2012, to review the activities of the past year, as well as to discuss plans on moving forward with the initiative. Also, in an effort to enhance the profile of the Program Science Initiative, work was started on a Program Science Initiative website, which will provide information on the consortium members, upcoming events, and Program Science publications and initiatives. This website is being developed in partnership with the University of Manitoba Web and Mobile Solutions Department, and we look forward to a successful collaboration.
KNOWLEDGE TRANSLATION ACTIVITIES

The Centre, along with the World Bank’s Global HIV Program, co–hosted a major Program Science meeting in conjunction with the International AIDS Conference in Washington, DC in July 2012. The meeting brought together a selected group of leaders from HIV and health programs, academic institutions, and policy funding agencies to discuss approaches to improving the efficiency and effectiveness of HIV prevention programs using a Program Science approach. In addition to examining concepts and approaches related to Program Science, the meeting provided an opportunity to illustrate how these concepts and approaches were being applied in several countries, as part of a Global Program Science Initiative. The meeting consolidated knowledge and experience, generated new ideas for improving HIV prevention programs, and enhanced networking among program leaders, scientists and policy makers. Agenda topics included Program Science Concepts and Approaches, The Global HIV Program Science Initiative, Country Program Science Initiatives, Program Leaders Panel Discussion, and a discussion on the way forward.

TRAINING/MENTORING ACTIVITIES

The Students for Development internship project was started over the past year, with the first intern spending three months in Nairobi, from September through November 2012. The internship was undertaken in Taita and Taveta County, in conjunction with the maternal and child health project underway there and focused on the development and implementation of tools and strategies for assessing and improving maternal and child health at the community level. Subsequently, two additional interns travelled to Kenya in January, for a three month period. Also, two Kenyan students from the University of Nairobi’s School of Public Health travelled to Canada in January for a four month internship. Activities included participation in three Community Health Sciences credit courses, as well as local community engagement activities. The interns were based in the Centre for Global Public Health and were supported by the Centre throughout their stay in Canada. Elsabe du Plessis, PhD student in the Department of Community Health Sciences, spent three months in Kenya as an intern in the Students for Development project.

COMMUNITY ENGAGEMENT ACTIVITIES

In November 2012, in conjunction with the Faculty of Medicine’s Edge of Science and Medicine Seminar Series, featuring a visit and a lecture by Dr. David Wilson of the World Bank, CGPH organised a global public health symposium. The morning session featured presentations by Dr. Sevgi Aral, Associate Director for Science, Division of STD Prevention, Centers for Disease Control and Prevention; Dr. James Blanchard, Professor and Director, Centre for Global Public Health, University of Manitoba; and Dr. Sharmistha Mishra, Adjunct Lecturer, Division of Infectious Diseases, St. Michael’s Hospital. This session provided an overview of the Program Science initiative and discussed future plans for how this initiative can provide a platform for academic and science-based organisations to work more closely with public health programs to improve health. The afternoon featured a leadership roundtable.
discussion, chaired by University of Manitoba President Dr. David Barnard, bringing together representatives of the University of Manitoba, Public Health Agency of Canada, World Bank, Centers for Disease Control and Prevention, the Canadian International Development Agency, Grand Challenges Canada, and the University of Toronto. The purpose of the leadership roundtable was to discuss how academic and other scientific institutions in Canada can contribute to global efforts to improve health.

Dr. Shiva Halli participated as a Resource Person in two capacity building workshops organised by the National AIDS Control Organisation (NACO), Government of India. He made presentations on three topics and was available for consultation on research designs, sampling methods, data analysis techniques, and mentoring the participants for five days in each of the workshop (around 60 people attended). Dr. Halli planned, organised, and conducted a three–day workshop for the faculty members of the BLDE Medical University in Bijapur, Karnataka, India on research designs and data analysis and continues to mentor the two community–based organisations (CBOs) in Bijapur, Karnataka, India working with hard to reach population groups in HIV prevention and treatment (one CBO reaches around 2500 and another reaches around 1200). Dr. Halli participated as a Keynote Speaker in a National Conference of the Indian Association of Nurses and as a Co–PI contributed in planning, organising, and presenting in a Data Dissemination workshop titled, “Attitudes towards and outcomes of pregnancy among HIV positive women in Northern Karnataka, India.”

FACULTY
• Dr. James Blanchard, Director
• Dr. Stephen Moses, Associate Director
• Dr. Lisa Avery
• Dr. Marissa Becker
• Dr. Shiva Halli
• Dr. Robert Lorway
• Dr. Nancy Yu

RESEARCH ASSOCIATES
• Ms. Elsabe du Plessis
• Mr. Dessalegn Melesse
• Mr. Souradet Shaw
• Dr. Deepa Sankaran
• Ms. Laura Thompson

STAFF
• Ms. Doris Kuzma, Senior Project 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
CRITICAL SOCIAL SCIENCE GROUP

The Critical Social Science Group comprises full–time CHS faculty whose disciplinary specialisations include health geography, gerontology, medical anthropology, medical sociology, psychology, and women's studies. A critical approach to health research examines the social, economic, policy and organisational structures that: (1) influence inequalities in access to and distribution of resources; (2) lay the foundation for understanding, assessing, evaluating and communicating risk; and (3) ultimately contribute to health disparities. This approach complements a "social determinants of health framework" by explicitly examining power relations, agency and cultural norms. A critical social science research lens is not new to Community Health Sciences but has in fact been a basic pillar since the department's inception through the work of Drs. Patricia Kaufert, Joseph Kaufert, John O'Neill, and Linda Garro. Drs. Joe and Pat Kaufert remain key members of the Critical Social Science Group and provide vision and historical context as we move forward.

The Group under the leadership of Dr. Moses is developing a Critical Social Science Stream for the graduate program which will provide students with a structure in terms of course selections through which to engage in critical health studies. The following represents the activities of the members.

DR. SHARON BRUCE: Dr. Bruce's main research activity is her 12–year research partnership with the Sandy Bay Ojibway First Nation. During this past year, Dr. Bruce's team completed the second round of data collection related to the “Stress and Diabetes” study. The team is currently involved in data analysis and knowledge translation activities with community leadership as well as the broader community. The team has developed contextually–relevant markers of stress at the levels of family, community and broader society and are examining the relationship between the stress constructs and markers of inflammatory and cardiometabolic responses. One of Dr. Bruce's PhD students, Natalie Riediger is leading a sub–study on characterising nutrition status among residents of the community and data collection was completed this year as well. These data will provide insight into food security issues and add to the broader study that is examining the pathways between adverse living conditions and adverse health outcomes. The team is currently using the foundational data in the development of a diabetes prevention intervention, funding for which was received from CIHR (2012–2015).

Significant capacity building and community engagement is at the core of Dr. Bruce's work. Four community members worked as research assistants on Dr. Bruce's project over the past year (Russell Eastman, Elizabeth Richard, Kenneth Richard, Nicholas Popien). In addition, five graduate students [Natalie Riediger, Charlene Muzyka, Andrea Blanchard, Trina Arnold, and Katrina Decter (anthropology)] and three undergraduate students [(Kayla Farquhar, Kerry Spence, and Kristen Soloway (human ecology)] worked as student research assistants in Sandy Bay. Community engagement has occurred through the Diabetes Advisory Group and participation in community activities such as health fairs. In addition, the team held two community–wide interactive workshops: (1) “Diabetes, Cardiovascular Disease and Diet” and
“Physical Activity: What Does it Mean and What are We Doing?”

The first workshop was led by Natalie Riediger with assistance from Charlene Muzyka, Kerry Spence, and Andrea Blanchard (MSc student). The second was led by Dr. LeAnne Petherick from Kinesiology and Recreation Management, who is a new member of the research team. The workshops provided the opportunity to return study results to the community and to have a dialogue on how the research data could and should be used to further community goals. Dr. Bruce also welcomed back Ms. Dhiwya Attawar as a research associate. Dhiwya completed her MSc with Sandy Bay and this experience will be an asset as the team works towards developing a diabetes prevention intervention.

Dr. Bruce expanded her national and international research collaborations this year. She is part of the “Cardiovascular Disease and Cognitive Dysfunction (CVCD) Cohort Alliance”, led by Drs. Sonia Anand, Matthias Friedrich and Jack Tu. The team received five-year funding from the Canadian Partnership Against Cancer (CPAC) to examine cardiovascular disease in partnership with First Nations communities across Canada. This group brings together University researchers and First Nations communities who have had long-term research partnerships into one group to scale up community-based intervention research. In addition, she continues her research partnerships with researchers at the University of South Australia (Adelaide) and the South Australian Medical Research Institute, in joint exploration of the relationship between adverse environments and adverse health outcomes. The international team received grants (NPI: Dr. Mark Daniel) from the Australian Research Council (2012–2016) and the National Health and Medical Research Council (Australia; 2012–2016) to further the work. An exciting local project teams Dr. Bruce with researchers from the Manitoba Institute of Child Health, specifically Dr. Heather Dean, Catherine Macdonald, Andrea Kohn, and Dr. Barry Lalalpee. This team is examining the clinical experience of children diagnosed with type 2 diabetes. The focus of the project is on how to improve the patient–provider relationship, how to make clinical practice more culturally safe and emotionally respectful, and how to better support “health care at home” in people’s daily lives.

Dr. Bruce’s students have had great success over the past year. Charlene Muzyka and Andrea Blanchard received CIHR Master’s student awards; Andrea Bombak received the Frederick Banting and Charles Best Graduate Scholarship (doctoral award); and Natalie Riediger, a past recipient of the CIHR Banting and Best doctoral award, received a Manitoba Health Research Council Graduate award to continue her PhD studies. Charlene Muzyka defended her MSc thesis in August 2012 and is currently working for the Public Health Department in Minneapolis as an epidemiologist. Kirsten Bourque, while working full-time, completed her course work this year and is beginning her MSc research this summer. She and her husband had their first child Peter on 18 May 2012. Natalie Riediger and her husband, Thomas also had their first child Matthew on 5
November 2012.

DR. S. MICHELLE DRIEDGER: Dr. Driedger was extremely busy with research and travel this past year. She has been renewed as a Tier II Canada Research Chair in Environment and Health Risk Communication. She has also completed knowledge translation reports for one national research project studying responses to influenza pandemics, and launching into active data collection for two other major national research grants. The newer project is, supported by The Canadian Cancer Society, the Multiple Sclerosis Society of Canada, and the Manitoba Health Research Council, to investigate situations of uncertainty that health policy decision makers encounter when not all information is available to them about health risks. Examples of such situations include screening and testing programs for breast and prostate cancer (i.e., under which some conditions they do more harm than good) and new untested treatments for diseases like Multiple Sclerosis (i.e., when people lobby for access to as-yet-unproven treatment). Over the past year, Dr. Driedger and her research team completed data collection from focus groups and started key informant interviews, which are ongoing. The team is now working toward creating knowledge translation tools to help health policy decision makers when they are faced with situations of uncertainty.

On another project, Dr. Driedger and Dr. Cindy Jardine of the University of Alberta completed a systematic review of literature on best practices for government and public health agency officials to communicate health risks to the public. They developed a plain language brochure for the high level analysis of the review, alongside other documents. They have had the pleasure of sharing this work with the Manitoba Health “public health brain” during one of its monthly meetings, Alberta Health Services, the National Collaborating Centres for Environment and Health and the BC Centres for Disease Control.

Graduate students have factored prominently in her program of research. She presently supervises three Masters students (Andrea Rush–Sirski, Shauna MacKinnon, and Ebenezer Dassah) and two PhD students (Elizabeth Cooper and Theresa Sullivan). In addition to their own successes through scholarship support (from Manitoba Health Research Council, CIHR Banting–Best Masters, CIHR Infectious Disease Global Health Training awards), she has provided her students with support from her funded research projects through research assistantships.

Sharing her research findings farther afield, Dr. Driedger travelled extensively this past year speaking at conferences and giving invited presentations. Highlights include presenting on communicating pandemic risks for the Society for Risk Analysis’ World Congress on Risk in Sydney, Australia and at the Canadian Public Health Association Annual Meeting in Edmonton, Alberta. She also spoke on risk communications messaging at the Society for Risk Analysis Annual Meeting in San Francisco, California and on risk communication challenges at the Society for Risk Analysis Europe meeting in Zurich, Switzerland. She also gave talks in Oulu, Finland and Auckland, New Zealand, on Arctic health and well-being and on managing influenza pandemics, respectively.
DR. JOSEPH KAUFERT: Dr. Kaufert continued his large 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 also serves as supervisor to third year medical students in the Community Health Sciences component of the Multiple Specialty Rotation. He continued his significant contributions to the graduate program this past year teaching “Health Promotion” and “Methods and Concepts for Community Health Sciences”. He has been active with research projects in First Nations health issues, specifically as Co-I with Drs. Lavoie, O’Neil, and Brown. The research is supported by a four year CIHR grant documenting the policy and service access outcomes resulting from relocation to urban health care centres from northern First Nations communities among patients and families receiving treatment for chronic illness.

Drs. Joseph and Pat Kaufert are writing up data from the five-year “Situating the Human Subject” project with Co-PIs from the Centre for Applied Ethics at 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. Kaufert also developed, coordinated, and taught a two week course in Nairobi Kenya: “Research Ethics and Clinical Trials” with faculty members from the Department of Medical Microbiology, Indiana University, the University of Nairobi, and Moi University. The course was part of the International Infectious Disease and Global Health Training Program and was designed to provide an overview of the design, implementation, and frameworks for ethical protection of human participants in health research. The initial course provided the core framework for a new graduate course within the graduate curriculum of CHS (CHSC 7610) “Ethical Issues in Health Research” that he taught in the spring of 2012. This short course will be augmented by a new three credit course emphasising the philosophical, historical, and methodological side of research ethics in health care and population health research (CHSC 7410: Critical Perspectives on Research Ethics).

DR. PATRICIA KAUFERT: Although officially “retired”, Dr. Kaufert remains active in research, teaching, and mentorship activities. Dr. Kaufert taught a graduate course, “Epidemiology of Women’s Health” over the winter term, focusing on childbirth. 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 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. Pat Kaufert presented papers nationally and internationally and participating in international research and advocacy networks centering on women’s health and research ethics.
DR. ROBERT LORWAY: Dr. Lorway is a medical anthropologist who studies the intersections of sexual minority rights, social inequality, and health particularly with respect to global health interventions in Africa and Asia. In 2009, he received a CIHR New Investigator Award in the area of HIV/AIDS Population Health/Health Services. Since 2006, Lorway’s main research activities have involved community-based research capacity building with the sex worker-led Ashodaya Learning Academy in Mysore, South India. This collaboration has generated a rich evidence base that directly informs local HIV prevention programs and has yielded various peer reviewed contributions in journals such as Global Public Health, Culture Health & Sexuality, Critical Public Health, Health & Place, AIDS Care and Sexually Transmitted Infections, among others. Currently Dr. Lorway is the nominated principal investigator and team leader of an HIV vaccine acceptability CIHR Team Research Program. This program works closely with communities of sex workers and men-who-have-sex-with-men (MSM) in Kenya, China, and India to help advance their concerns related to the anticipated release of new HIV prevention technologies.

Dr. Lorway has organised a research group with two PhD students, Laura Thompson and Souradet Shaw (UM), and postdoctoral fellow, Dr. Kathleen Deering (UBC). This group has developed two sexual network and HIV prevention studies in India: “The Lover’s Study”, which goes beyond conventional public health understandings of sexual risk by examining the complex interactional power dynamics between female sex workers and their intimate partners; and “Sex Cells”, which examines the “virtual” sexual networks that form between MSM and male and transgender sex workers. He also acts as a mentor for the International Infectious Diseases & Global Health Training Program (IID&GHTP) and serves as a supervisor to two PhD students, Elsabé du Plessis (UM, MHRC and IID&GHTP fellowship holder) and Sumit Dutta (KN Modi University, Karnataka; IID&GHTP fellowship holder), and one postdoc, Shamshad Khan (UM, IID&GHTP fellowship holder). Along with Khan, Lorway provides ongoing social scientific leadership to research staff of the Karnataka Health Promotion Trust on the STRIVE Program (sponsored by the London School of Hygiene and Tropical Medicine), which examines the structural drivers of the HIV epidemic. Lorway has delivered various training sessions on qualitative research methods, ethnography, and health and social theory to faculty and students in the West China School of Public Health, Sichuan University, since 2008. He recently provided technical support on a community-driven male sex worker venue mapping assessment to expand the program coverage of the largest MSM community-based organisation in Sichuan Province, Chengdu Gay Care.

DR. DEBORAH MCPHAIL: Dr. McPhail began her position in September 2012, and much of this year has been dedicated to building a solid foundation of partnerships and relationships for the next few years. To this end, she has launched three research projects, all of which are in different, though nascent, stages: (1) Reproducing Stigma? Obesity and Women’s Experiences of Stigma in Reproductive Health; (2) Cod Tongues and Corpulence: The Relationship between Obesity Discourse and Traditional Eating in Newfoundland.
and Labrador; and (3) Community Food Security and Health in NunatuKavut: Supporting Community Capacity for Food Security Research and Evidence-based Intervention through Community-Led Food Assessments with Aboriginal Communities. Project (1) was initially inspired by recent debates among fertility specialists regarding whether or not to deny IVF treatment for women considered obese (according to BMI charts). The study, now in its pilot stages, is a comparative one between St. John’s, Newfoundland and Winnipeg and assesses women’s experiences of weight bias in reproductive healthcare settings through a qualitative interview process. It has received seed funding from the University, in the form of a URGP grant, and research is now underway in Winnipeg and Newfoundland. Deborah also recently expanded the team internationally, and they will apply for a CHIR Grant in the Fall. Project (2) is a continuation and expansion of Dr. McPhail’s postdoctoral work, which explored the relationship between recent obesity concerns in Newfoundland, traditional eating patterns, and everyday eating through qualitative interviewing. While the postdoc was constricted to St. John’s, she is now expanding the research into other areas of Newfoundland and Labrador. This project is funded by Start-up Funds from the University. Project (3), in partnership with Rebecca Schiff of the Labrador Institute (who is the Nominated PI), the Food Security Network or Newfoundland, and the NunatuKavut Community Council, is in its very beginning. Through a Community-Led Food Assessment Process, whereby communities evaluate food accessibility in their area, the objective of the proposed study is to better understand and improve upon northern food security and related health issues through a respectful and decolonising research process that takes seriously the knowledges and values of northern Aboriginal communities. The team has recently applied for an Atlantic Aboriginal Research Program team-building grant and are working toward a CIHR application for the Fall.

In addition to launching these new stages of her research, Dr. McPhail has also been attempting to “do justice” to her past postdoctoral work, specifically the Newfoundland project and a CIHR-funded postdoc she completed on national Family Food Practices at UBC. As such, she has undertaken KT activities like conference presentations, workshops, and publications. She has first-authored and sole-authored two book chapters and published two articles (in Health & Place and Critical Public Health, both forthcoming) so far this year. All publications more generally outline and critique harmful, class-based obesity discourse that perpetuates stereotypes and, hence, health inequities, relating to working-class/working-poor and “under”-class peoples. In October, she also organised a workshop, funded by a CIHR Meetings and Dissemination Grant, for the authors of her co-edited collection titled Obesity in Canada: Historical and Critical Perspectives (to be published with UT Press). She also had the privilege of participating in the CHS Community Engagement Committee, under the auspices of which she helped to organise CHS’s International Women’s Day event with Karen Cook. The event featured Dr. Janice Dodd who spoke about gender inequity in higher education, as well as some excellent pot-luck dishes. Dr. McPhail is also in the process of developing the LGBTTQ–
centered curriculum for third-year undergraduate medical students, occurring this Fall. Through it all, she has also been writing a book based on her PhD dissertation. Having had this year to focus solely on her research and publication, Dr. McPhail is looking forward to graduate teaching in the forthcoming academic year.

DR. VERENA MENEC: A major component of Dr. Menec’s work continued to be research and knowledge dissemination in the area of age-friendly communities. The Age-Friendly Communities Research Alliance, a five-year program of research funded by SSHRC under its Community University Research Alliance (CURA) funding program entered its final year. The Age–Friendly CURA was rooted in the World Health Organisation’s (WHO) concept of age-friendliness, with an age–friendly community defined as one that provides opportunities and supports in the community environment to help older adults achieve the best health and quality of life possible. Specifically, age-friendliness is defined in terms of a range of domains, such as housing, transportation, opportunities for participation, communication and information, and community supports and health services.

The Age–Friendly CURA was a founding partner in the Province of Manitoba’s Age-Friendly Manitoba Initiative (AMFI) launched by Seniors and Healthy Aging Secretariat in 2008. In five successive intake rounds, all municipalities in the province have been invited to become part of the Initiative. To date, 86 communities throughout Manitoba, representing over 80 per cent of the population of the province, have joined the Initiative. Dr. Menec’s research continued to support the Age-Friendly Manitoba Initiative in 2012-13 in a variety of ways. Importantly, the team continued to conduct needs assessments in partnership with communities that are part of the Age-Friendly Manitoba Initiative. Over the course of the grant, the team conducted needs assessment consultations in 62 communities throughout the province to help them identify priorities for action. The needs assessment consultations are considered the first step in having communities identify priorities for action and, as such, are an integral part of the Age–Friendly Manitoba Initiative.

As a capstone project to celebrate the end of the CURA, but also to vision forward, the CURA team, in partnership with Province of Manitoba’s Seniors and Healthy Aging Secretariat, hosted a three-day International Age-Friendly Rural and Remote Communities Symposium in Winnipeg in October 2012. The Symposium brought together 46 delegates from 14 countries (Australia, Uganda, Cameroon, Ghana, Russia, Ireland, Switzerland, Bolivia, Peru, Trinidad and Tobago, United States, and Canada) to start a dialogue on how to make rural and remote communities world-wide more age-friendly and identify priorities for action. The event was co-sponsored by the International Federation on Aging, the World Health Organisation, and the Rural Development Institute, Brandon University (Summary reports are available at: umanitoba.ca/centres/aging/cura/cura_2012Symposium.

Apart from the age-friendly work, Dr. Menec was also kept busy as the Manitoba site lead of the Canadian Longitudinal Study on Aging (CLSA).
CLSA is designed to investigate the complexities of the aging process with a view of improving our understanding of the transitions and trajectories of aging. The CLSA is a Canada-wide, 20-year follow-up study of 50,000 people between the ages of 45 and 85 years at baseline. Thirty thousand of these participants will be asked to provide in-depth information through physical examinations and biological specimen collections (Comprehensive Cohort). The remaining 20,000 (Tracking Cohort) will be asked to provide the common core information set by questionnaires only. The University of Manitoba is one of four sites across the country that conducts computer-assisted interviewing for the Tracking Cohort and one of 11 data collection sites for the Comprehensive Cohort. On 21 June 2012, the data collection site for the Manitoba Comprehensive Cohort officially opened at Deer Lodge Centre. Dr. Parminder Raina, Principal Investigator, CLSA; Real Cloutier, Chief Operating Officer, Deer Lodge Centre; and a number of dignitaries and invited guests were on hand to celebrate the opening. Canada wide, the target of 20,000 Tracking Cohort participants has almost been reached and close to 10,000 individuals have been enrolled in the Comprehensive component of the study. Lastly, Dr. Menec continued to serve as the Director of the Centre on Aging.

CENTRE ON AGING

HIGHLIGHTS

• Continued research on age-friendly communities in partnership with the Manitoba government (Manitoba Seniors and Healthy Aging Secretariat). Eighty-five communities throughout the province are now part of the Age-Friendly Manitoba Initiative.
• Launched Canadian Longitudinal Study on Aging (comprehensive component) at Deer Lodge Centre. The study is projected to enrol 50,000 people aged 45 and older across the country and follow them over at least 20 years.
• Hosted successful 29th annual Centre on Aging Spring Research Symposium (attendance over 400 individuals)
• As a capstone project to celebrate the end of the SSRC-funded Age-Friendly CURA, as well as to vision forward, we (the CURA team, in partnership with SHAS, with co-sponsorship by the International Federation on Aging (IFA), World Health Organisation (WHO), and Rural Development Institute at Brandon University) hosted a three-day International Age-Friendly Rural and Remote Communities Symposium in Winnipeg in October 2012. The Symposium brought together 46 delegates from 14 countries to start a dialogue on how to make rural and remote communities world-wide more age-friendly and identify priorities for action. Both the Province of
Manitoba’s Premier and the President of the University of Manitoba brought greetings at the public portion of the event held at the Winnipeg Art Gallery.

RESEARCH

Projects worked on in 2012/2013 included, among others:

- Examining the impact of senior centres on older adults’ health and well-being
- Lessons learned from a formative evaluation of the Age-Friendly Manitoba Initiative
- Community characteristics that predict communities’ success in becoming more age-friendly
- The relationship between community characteristics and age-friendliness
- The Relationship between communities’ age-friendliness and residents’ health and life satisfaction

REVIEW PROCESSES

Editorial Board

(1 to r) Mr. Real Cloutier, Dr. Verena Menec, and Dr. Parminder Raina celebrate the opening of the CLSA data collection site at Deer Lodge Centre.

Manuscript Reviews

- Journal of Aging and Health (2009 – )

Committees

- Optimal Aging Portal Advisory Committee, 2012 –
- Deer Lodge Centre Research 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 –

LIST OF STAFF

Support Staff

Catherine Jacob, Rachel Ines, Dawn Veselyuk (on maternity leave since Sept. 2012), Scott Nowicki, Sheila Novek

Staff Working on Canadian Longitudinal Study on Aging


Student Research Assistants

Brodie Lister, Laura Rempel, Sang Woo Hong, Lucelia Luna de Milo, Wyeth Krauchie, Sheri Bell, Tanya Tran

Research Associates

Jim Hamilton, Loring Chuchmach, Anthony Lombardo

COMMUNITY ENGAGEMENT ACTIVITIES

Continued needs assessment consultations in communities throughout Manitoba as part of the Age–Friendly Manitoba Initiative. To date, our team has conducted consultations in over 60 communities.

KNOWLEDGED TRANSLATION ACTIVITIES

• Over 400 individuals attended the Centre’s 29th Spring Research Symposium on 7 May 2012, held to promote dialogue between University researchers and the community–at–large.
• 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 News continues to be published three times a year.
• 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 hosted five lunch–time presentations as part of its seminar series.
• The Centre on Aging provided two research fellowships to Faculty
members working in the area of aging.

- The Centre provided four scholarships for students.

### MEDIA INTERVIEWS

- Science Media Centre (background interview with Producer, 20 February 2013)
- CJOB (Background interview with Reporter, 12 February 2013)
- CJOB (Live radio interview, 29 December 2012)
- CTV (Background interview, 8 November 2012)
- CTV (Interview with reporter, 2 November 2012)
- Winnipeg Free Press (Interview with Reporter, 4 September 2012)
- The Canadian Press (Interview with Reporter, 4 September 2012)
- Reporter (Background interview, 15 August 2012)
- CTV National (Live interview with Reporter, 22 June 2012)
- CTV (Morning show, Live interview with Reporter, 22 June 2012)
- CTV (Interview with Reporter, 21 June 2012)
- Metro newspaper (Interview with Reporter, 21 June 2012)
- CBC TV (Interview with Reporter, 21 June 2012)
- CBC Radio (Live interview with Reporter, 21 June 2012)
- CBC Radio (Morning show) (Interview with Reporter, 21 June 2012)
- The Canadian Press (Interview with Reporter, 25 May 2012)

### TRAINING/MENTORING ACTIVITIES

#### Postdoctoral Fellows

- Nancy Newall (PhD, Psychology) (2011 –/ currently on maternity leave)

#### Thesis Supervisor

- Jennifer McArthur (Community Health Sciences, Masters: on–going)
- Sneha Abraham (Community Health Sciences, Masters: on–going)
- Lucelia Luna (Kinesiology and Recreation Management, Applied Health PhD, co–supervisor with Dr. E. Ready, on–going)

#### Thesis Committee Member

- Caley Miskimmin (Family Social Sciences, Masters, on–going)
- William Gray (Interior Design, Masters, on–going)
- Glenys Smith (Kinesiology and Recreation Management, Masters, on–going)
- David Kruxhouse (City Planning, Masters, on–going)
- Hai Luo (Social Work, PhD, on–going)
- Clove Haviva (Psychology, Masters, on–going)
- Jennifer Chen (Kinesiology and Recreation Management, graduated: 2013)
- Rachell Dolynchuk (Sociology, Masters, 2012)
- Kristina Zawaly (Disability Studies, Masters, graduated: 2012)
- Julie Erickson (Psychology, Masters, graduated: 2012)
HEALTH ECONOMICS GROUP

The Health Economics Research Group holds a bi-weekly journal club on Wednesdays at noon that regularly attracts graduate students from CHS and economics, a few undergraduate medical students, as well as faculty from various departments at UM and the University of Winnipeg. This is a lively group with strong opinions. We continue to explore opportunities for greater collaboration between the economics departments at UM and UW, and CHS, to expand the presence of health economics on the Bannatyne campus. We welcome new collaborators.

Professor Evelyn Forget continues her primary project on income inequalities. Her work on Basic Income (guaranteed annual income) continues to attract attention and provided the material for keynote addresses at the International Health Economics Association, the Canadian Economics Association, the Eastern Economics Association, and the US Basic Income Group meetings.

Dr. Forget presented a number of workshops for groups of social activists, ranging from Winnipeg Harvest to the Vancouver Women’s Shelter, as well as national and provincial politicians. She was awarded a Queen Elizabeth II Diamond Jubilee medal at a ceremony conducted by Senator Hugh Segal who noted this work in particular. She also began a new collaboration with an interdisciplinary group of Ontario researchers to conduct an economic evaluation of a multi–hospital intervention designed to reduce the rate of caesarean section.

Students whose work focuses on health economics have had an excellent year. Curt Pankratz was recently awarded a “Best Dissertation Award”. PhD students Alex Peden (CHS) and Pranay Das (economics) were awarded WRTC studentships and Pranay Das has just learned that he will receive a three-year studentship funded by Manitoba Liquor and Lotteries for his work on risk perception, money illusion, and problem gambling. BSc (med) student Stephenson Strobel was invited to present his research to the Canadian Health Economics Study Group that recently held its annual meeting at the University of Manitoba. Yang Cui and Alex Peden received funding to attend an epidemiology summer school at the University of Michigan.

The Manitoba RDC continues to provide access to Statistics Canada micro–data to Manitoba researchers. Evelyn Forget (Academic Director) receives ongoing funding from CIHR and SSHRC to support the work of the RDC. Alex Peden, Stephenson Strobel, and Yang Cui received scholarships from the RDC to support their work. As Statistics Canada reduces the number of social surveys it conducts, it is turning increasingly to the provision of administrative data in the RDC. Data that links health administration data to survey data for all Canadian respondents to the CCHS that have agreed to the linkage will be made available in the fall of this year. The Cancer Registry is already available in the RDC, and increasing numbers of administrative datasets on criminal justice, economics, immigration, and health are appearing at the RDC.
The Manitoba Centre for Health Policy conducts research on the health of Manitobans. The primary focus is the question, What makes people healthy? Many factors affect health, such as health care, health programs, and policies, income, education, employment, and social circumstances. At MCHP, we are sorting out 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 Province of Manitoba (since 1991) to provide major research projects annually. These studies deal with health and social issues that can best be answered using the Repository. Topics are jointly decided upon by MCHP’s Director and the Deputy Minister of Health. This agreement provides roughly half of our funding. Additional funding comes from provincial, national and/or international research granting agencies.

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

**HIGHLIGHTS**

**Data Repository and Research Resources**
- 170 active projects at MCHP
- 27 active projects across the seven Remote Access Sites
- 61 projects submitted for costing
- 27 projects with a newly completed MCHP Researcher Agreement
- 48 people attended their first MCHP accreditation session

**New Data Acquisitions through the Leaders CFI Initiative**

As part of the 2010 CFI Initiative
awarded to MCHP, several extensive new data acquisitions are being added to the Data Repository. The following outlines six of these.

**Manitoba Justice Data**

A complete copy of charges from the prosecutions department (PRISM), appearances in court (CCAINS), and provincial incarcerations (COMS) for the period beginning 2002 to the present. Records include information on perpetrators, victims, witnesses, and youth justice.

**National Rehabilitation System Data**

Adult clients (18 years and over) receiving services in specialty rehabilitation facilities or general (acute care) facilities that provide rehabilitation services through designated units. Detailed clinical and functional information scores are included from 2007 to the present. This data is currently only for Winnipeg sites: Concordia Hospital, Deer Lodge Centre, Grace Hospital, Health Sciences Centre, Riverview Health Centre, Seven Oaks General Hospital, and St. Boniface Hospital.

**In–Hospital Pharmaceutical Data**

Prescription drugs dispensed in Winnipeg’s two tertiary care facilities (Health Sciences Centre and St. Boniface Hospital) for the period 2000 to present, including drug costs.

**Manitoba Social Housing**

Information on clients in provincially owned and managed social housing (Tenant Management System) from 1995 until the present. This includes approximately 30,000 clients annually.

**Diagnostic Services Manitoba (DSM) Laboratory Data**

Laboratory data (chemistry to start

---

(1 to r) Dr. Elaine Burland, Dr. Marnie Brownell, Dr. Patricia Martens, Dr. Alan Katz, Dr. Dan Chateau
with, and then eventually immunology, hematology, and microbiology) from the Health Sciences Centre, St. Boniface Hospital, Misericordia Health Centre, Concordia Hospital, Seven Oaks General Hospital, Grace Hospital, Victoria General Hospital, Deer Lodge Centre, Riverview Health Centre, Beausejour Health Centre, and Westman Lab in Brandon, for various start dates between 2001–2006 to the present.

University of Manitoba Student Data

Enrollments, qualifications, programs, grades, awards, and degrees for University of Manitoba students, from 1947 until the present.

Remote Access Sites

The development of Remote Access Sites (RAS) is also part of the 2010 CFI Initiative awarded to MCHP. The RAS enable research analysis to occur securely in a remote or non–MCHP office. In its most basic form, a RAS office has a locked door, a desk, a network connection, and a computer without any capabilities to store data or run complex applications, but serves merely as a secure conduit to the MCHP data centre. All analysis and processing resides at all times within MCHP; after vetting by MCHP, the RAS user is able to use the results for their research.

There are currently seven RAS locations:

- Room T155, MCHP, Department of Community Health Sciences, University of Manitoba
- Faculty of Human Ecology, University of Manitoba
- Faculty of Pharmacy, University of Manitoba
- Manitoba First Nations Centre for Aboriginal Health Research (MFN CAHR), University of Manitoba
- Centre for Global Public Health (CGPH), University of Manitoba
- Concordia Hospital, Winnipeg Regional Health Authority
- Health Sciences Centre (HSC), Winnipeg Regional Health Authority

There are 27 active projects across these RAS locations, with an increase of nine from 2011/2012. Between one and two new project proposals are received by MCHP weekly, and approximately half of these indicate future RAS usage.

Data Access and Accreditation

As a steward of the information in the Repository for agencies such as Manitoba Health, MCHP has developed a guide leading researchers throughout the data access processes. These key administrative requirements and policies related to access and use of the Repository are available under the Data Repository section of the MCHP website. Documentation includes policies on data processing and release of information. Checklists were also developed to assist users in developing a proposal and for managing a project...
when the proposal has been approved.

MCHP Accreditation sessions are held to provide a consistent overview of MCHP, and the data access and use process. The accreditation process includes signing a pledge of confidentiality as well as an agreement that you understand and will follow the process for doing research at MCHP. Accreditation is a requirement for all researchers and analysts working on approved projects accessing the Repository, and must be completed annually.

MCHP Concept Dictionary and Glossary

The Concept Dictionary and Glossary represent a series of ‘tools’ which have been developed at MCHP to permit application of a variety of theoretical frameworks, analytical techniques, statistical approaches, and mapping resources appropriate for use with administrative data bases.

The Concept Dictionary describes research concepts for analysing data contained in the Data Repository housed at MCHP. These detailed operational definitions of variables or measures include a discussion of the issue(s) involved, approaches used, programming tips/cautions, SAS code (where not restricted for internal use), additional readings, and references.

The Glossary documents terms commonly used in population health and health services research. Each Glossary term contains a brief definition (and its source), links to related Glossary terms and concepts in the Concept Dictionary, as well as links to external sites.

In 2012/13, 239 terms were added to the glossary, resulting in a total of 2327 terms now available. Ten new concepts were released externally in 2012/13 and 31 concepts were updated with material published throughout the fiscal year. The total number of concepts in the Concept Dictionary is now 275.

Glossary terms and concepts used in the following Deliverables, released in fiscal year 2012/13, were added to the on–line resources:

- The Epidemiology and Outcomes of Critical Illness in Manitoba
- The Early Development Instrument (EDI) in Manitoba: Linking Socioeconomic Adversity and Biological Vulnerability at Birth to Children’s Outcomes at Age 5
- Health and Healthcare Utilization of Francophones in Manitoba
- NOTE: This deliverable was translated and released in French under the title “La santé et l’utilisation des services de santé des francophones du Manitoba”. French terms are not included in the on–line glossary.
- Projecting Personal Care Home Bed Equivalent Needs in Manitoba Through 2036
- How are Manitoba’s Children Doing?
- Perinatal Services and Outcomes in Manitoba
- A Systematic Investigation of Manitoba’s Provincial Laboratory Data
- Understanding the Health System Use of Ambulatory Care Patients

PROVINCE OF MANITOBA
MAJOR RESEARCH PROJECTS RELEASED (DELIVERABLES)

Understanding the Health System Use of Ambulatory Care Patients

Katz A, Martens P, Chateau D,
This study originated in the desire to better understand which types of physicians are providing "primary care type services" to Manitobans and what impact this has on the quality of care received. This study is limited to ambulatory care services provided to Manitobans aged 19 and older over a three-year period between the fiscal years 2007/08 and 2009/10. Ambulatory care services are those provided in the community, outside of hospitals, and personal care homes. In particular, the focus is on Manitobans with at least one of six chronic conditions. This group was chosen as the focus of the study because those with a chronic condition tend to use the healthcare system more frequently and are more likely to benefit from continuity of care and high quality primary care services. This report provides new information about the use of ambulatory care services in Manitoba. This information places current primary care reform initiatives in context. The findings support the focus on reform related to primary care providers (physicians and nurse practitioners) as they provide the vast majority of primary care.

A Systematic Investigation of Manitoba's Provincial Laboratory Data

Lix L, Smith M, Azimaee M, Dahl M, Nicol P, Burchill C, Burland E, Goh C, Schultz J, Bailly A

As the Provincial LIMS (Laboratory Information Management System) Project progresses, Cadham Lab's historical datasets will no longer be used for recording current lab test results; these datasets will be archived. MCHP received these historical datasets and conducted a systematic study to validate, document, and evaluate their quality for research purposes. The outcome of this project is a summary assessment of the feasibility of using these data for population-based investigations. For the study, records for the entire population of Manitoba were looked at from 1992 to 2010. Information was compared by age, sex, income, and where people lived. By using Cadham Provincial Laboratory data linked to other administrative data, new opportunities could emerge in future studies to better understand the spread of diseases, identify facilities that are successful in avoiding outbreaks, and examine the cost effectiveness of immunization programs.

Perinatal Services and Outcomes in Manitoba

Heaman M, Kingston D, Helewa M, Brownell M, Derksen S, Bogdanovic B, McGowan K, Bailly A

This report expands on the analyses by the Ministerial Working Group on Maternal/Newborn Services in 2005 and provides information to support the current work of the Maternal and Child Health Services (MACHS) Taskforce and the ongoing focus of the Healthy Child Committee of Cabinet (HCCC) on maternal health and early childhood development. The report focused on all births to Manitoba women from 2001/02 to 2008/09 and found that generally, women who live in poverty are more likely to have less healthy pregnancies and deliveries. Their babies are more likely to have serious health problems such as premature births and to die within the first year of life. Over 45 indicators of maternal and newborn health and health service use were analysed in five main areas: a profile
of women giving birth in Manitoba, maternal prenatal health, giving birth, maternal postpartum health, and fetal/newborn health. In addition, the report also analysed several new indicators of maternal and newborn health. Many of the new and old measurements were then compared with national rates.

How are Manitoba’s Children Doing?


This study looked at nearly all children in the province 19 and under from the years 2000 to 2010. It measured children’s well-being in four areas: physical and emotional health, safety and security, education, and social engagement and responsibility. It found Manitoba children have been making some gains in health and social outcomes. Building on past research from MCHP, researchers found children from lower income areas generally experience poorer outcomes than children from high income areas. The study found differences in educational outcomes were not as great as those seen in areas of health however. Inequities tend to increase as children progress through school, suggesting that the early and middle years of childhood may present opportunities for programs and interventions that enable successful learning and reduce gaps.

Projecting Personal Care Home Bed Equivalent Needs in Manitoba Through 2036

Chateau D, Doupe M, Walld R, Soodeen R, Ouelette C, Rajotte L

Manitoba Health’s Aging in Place initiative has created relatively new alternatives to care for aging adults, such as supportive housing and home care which has helped to keep the demand for personal care homes down. Expanding these services will be crucial for the future care of seniors in the province because, as more Manitobans age into their golden years, the need for long–term care also increases. By 2031, all Baby Boomers will be 65 or older and almost half will be older than 75, presenting a growing challenge for the healthcare system. The latest report from MCHP estimates how much the need for personal care home beds or equivalent alternatives such as supportive housing and extended home care is expected to rise. Researchers also looked into family structure – they found being married and having children lowers personal care home use. The study found the proportion of Manitobans using personal care homes has shrunk since 1985 however, by 2036 space for 5,100 more seniors will be needed in long–term care facilities. The extra capacity for care won’t be needed all at once and won’t be the same across the province, thus healthcare planners from across the province can use this report to prepare for future needs.

Health and Healthcare Utilisation of Francophones in Manitoba


The purpose of this report is to gain a greater understanding of the health status and healthcare utilisation of Francophones in Manitoba. By understanding the health and healthcare use of Francophones in the province, healthcare planners and policy
makers can determine the effectiveness of services and can focus their efforts in specific areas. In addition, having better knowledge of the health status of a population contributes to our understanding of the vitality of a population. This report may also be useful to the one million Francophones living in Canada, but outside of Québec, since little is known regarding the health of this population.

The Early Development Instrument (EDI) in Manitoba: Linking Socioeconomic Adversity and Biological Vulnerability at Birth to Children’s Outcomes at Age 5

Santos R, Brownell M, Ekuma O, Mayer T, Soodeen R–A

This report shows differences in children's potential at school are apparent as early as when they're born and is also related to where they live. It focuses on the Early Development Instrument (EDI), a population–based, community–level measurement looking at children's physical, social, emotional, language, and communication skills. Information was collected from children who are entering Kindergarten (age 5 years) province–wide by all Manitoba public school divisions on behalf of the Healthy Child Manitoba Office (HCMO). The study looked deep into social circumstances and identified three factors associated with poor EDI scores. Children born to teen moms, in families on income assistance, or in the care of Child and Family Services, were found to be more at–risk. Anonymised results of the EDI surveys from 2005–2007 were linked with areas of residence. Out of nearly 22,000 children included, they found that EDI scores seemed to be strongly related to how rich or poor the area was. The results show that groups of children facing multiple risks require more attention, and as early in life as possible, to get the help they need to succeed at school and later in life. The report provides planners with insights about when and where resources should be applied.

The Epidemiology and Outcomes of Critical Illness in Manitoba


This report provides a comprehensive, population–based evaluation of the epidemiology and outcomes of care provided in Intensive Care Units (ICUs) among people aged 17 and older in Manitoba, over from 1999/2000 to 2007/08. The care of critically ill patients occurs primarily in ICUs, and the report concentrates on that care. The report is organised into six Specific Aims; the first three aims describe the process of creating the data infrastructure needed to assess ICU use and outcomes, which are detailed in the final three aims. The value of this report derives from the importance of ICU care, the assessment of a broad range of endpoints relevant to patients and to society, and the nature of the data. Unlike the data used in most studies of critical illness or ICU care, our population–based data allow determination of incidence (not just number of cases) and mortality (as compared to case–fatality rates or the percent of people with a certain condition who die over a certain period of time); it eliminates concerns about selection bias. In addition, age and sex standardisation can be performed to allow like–comparison among different regions and time periods.
KNOWLEDGE TRANSLATION ACTIVITIES

Knowledge translation is an integral part of research at the Manitoba Centre for Health Policy. MCHP is dedicated to the sharing of our research findings with and implementing feedback from stakeholders and policy/decision-makers. This process involves a two-way discussion that aims to put health services research into practice and to identify opportunities for further policy-driven research.

Knowledge translation initiatives include activities and publications designed to inform health care planners, ministers and other government staff, health services professionals, the media, and the general public.

36th The Need to Know Workshop

Since its establishment in 2001, The Need To Know (NTK) Team has enabled a collaboration between MCHP, the Regional Health Authorities (RHAs), and Manitoba Health. This collaboration has provided an opportunity for knowledge exchange and learning between researchers and planners/policy-makers.

The Team is led by Dr. Patricia Martens, Director, MCHP and Dr. Randy Fransoo, Assistant Professor and MCHP Research Scientist. Members of The Need To Know Team include MCHP researchers and staff, as well as high-level planners and decision-makers from each RHA and Manitoba Health who are chosen as representatives by their CEOs.

Originally funded through the Canadian Institutes of Health Research (CIHI) Community Alliances for Health Research Program (2001–2006), the meeting expenses have been funded through a series of awards: the national CIHR KT Award (2007–2008), the CIHR/PHAC Applied Public Health Chair Award received by Dr. Martens (2008–2013), and the Gerry McDole Professorship Award in Improved Healthcare Delivery to Rural, Remote Participants at the 36th Need to Know Workshop
and Underserved Population of Manitoba received by Dr. Randy Fransoo (2010–2013).

The Team meets in Winnipeg three times a year for two days at a time. These meetings are designed to respond to the Team’s goals by including activities relevant to the current and ongoing research projects at MCHP. The fall meeting precedes the annual MCHP Rural & Northern Healthcare Workshop, where Team members act as facilitators for roundtable discussions on MCHP deliverables. Meetings in the 2012/13 fiscal year were held on 18-19 June 2012, 15-16 October 2012, and 28-29 January 2013.

The Team also provides feedback for the selection of research topics for 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, bringing their unique RHA perspective. In the 2012/13 fiscal year, the Team participated as a co–author or advisory group of the following deliverables:

- “Who Is in Our Hospitals?” (co–author)
- “Manitoba RHA Indicators Atlas 2013” (co–author)
- “Housing and Health in Manitoba: A First Look” (advisory group)

The Team was also involved as a regional consultation group for the CIHR “PATHS Equity for Children” projects.

In the 2012/13 fiscal year, the benefits of the Team extended beyond the realm of collaborative research and knowledge exchange. The well–established relationships and trust among members of the Team eased the transition of merging the 11 former RHAs into the five new RHAs and establishing new administrative boundaries, as noted by CEOs and team members alike.

Current members of The Need To Know Team:

- Suzanne Dick (Interlake–Eastern RHA), Dr. Karen Robinson (Interlake–Eastern RHA), Jo–Ann Welham (Interlake–Eastern RHA), Dr. Randy Gesell (Northern RHA), Lorraine Larocque (Northern RHA), Vivian Salmon (Northern RHA), Joy Tetlock (Northern RHA), Dr. Shelley Buchan (Southern Health/Santé Sud), Jane Curtis (Southern Health/Santé Sud), Ales Morga (Southern Health/Santé Sud), Jody Allen (Prairie Mountain Health), Maggie Campbell (Prairie Mountain Health), Michelle Gaber (Prairie Mountain Health), Nancy McPherson (Prairie Mountain Health), Trish Bergal (Winnipeg RHA), Nancy Hughes (Winnipeg RHA), Dr. Colleen Metge (Winnipeg RHA), Kristin Anderson (Manitoba Health), Della Beattie (Manitoba Health), Sonia Busca Owczar (Manitoba Health), Dr. Patricia Caetano (Manitoba Health), Nathan Hoeppner (Manitoba Health), Rachel McPherson (Manitoba Health), Heather Sparling (Manitoba Health), Dr. Patricia Martens (MCHP), Dr. Randy Fransoo (MCHP), Dr. Kristy Wittmeier (MCHP), Dr. Elaine Burland (MCHP), Heather Prior (MCHP), Charles Burchill (MCHP), Mark Smith (MCHP), Kara Dyck (MCHP)

19th Rural & Northern Healthcare Workshop

The 19th Annual MCHP Rural & Northern Healthcare Workshop was held on 16 October 2012 at the Marlborough Hotel. Over 170
participants attended the day’s events, including representatives from all Regional Health Authorities, Manitoba Health, and the Canadian Institute for Health Information. A keynote presentation on “Health system reform: from theory to practice” by Dr. Michael Rachlis set the tone for the workshop. The focus of the workshop was on the MCHP reports on “Projecting Personal Care Home Bed Equivalent Needs in Manitoba Through 2036” by Dr. Dan Chateau, “How Are Manitoba’s Children Doing?” by Dr. Marni Brownell, and “Perinatal Services and Outcomes in Manitoba” by Dr. Maureen Heaman. Facilitated roundtable discussions on the reports followed the presentations of these deliverables. These discussions are viewed by many as a crucial element of the annual event. They allow participants to dig deep into the results of the report and find data relative to the stories that unfold in specific regions.

9th WRHA Workshop

The Winnipeg Regional Health Authority and MCHP held the annual workshop on 12 April 2012 at the Fort Garry Hotel in Winnipeg. Approximately 100 participants attended the day’s events representing a range of professional health service fields in Winnipeg RHA.

The day focused on older adult care, as a follow up of the successful discussions about the continuum of care for older adults at the workshop in 2011/12. This workshop was very timely and provided a good medium for partnership development and strategic planning.

The keynote presentations featured MCHP’s reports on “Population Aging and the Continuum of Older Adult Care in Manitoba” by Dr. Malcolm Doupe and “Projecting Personal Care Home Bed Equivalents Through to 2036” by Dr. Dan Chateau. Other feature presentations included overviews of the WRHA Rehabilitation and Geriatrics Program and Manitoba’s Aging in Place Strategy.

Roundtable discussion focused on identifying and prioritising steps for the implementation of strategies to restructure and improve the continuum of care for older adults. In addition to the presentations and discussions about older adult care, MCHP researchers provided an overview of ongoing research projects. These included previews on “Who is in our Hospitals?” by Dr. Randy Fransoo and “Supportive Housing in the WRHA: Exploring the Cost” by Dr. Greg Finlayson.

1st Manitoba Government Workshop

New this year was the First Annual Knowledge Exchange between MCHP and the Manitoba Government, held on 14 December 2012 at the Radisson Hotel. This event was designed to share research results with many non–health government departments and discuss how these might relate to policy planning. With nearly 100 people in attendance, many government departments were represented, such as Children and Youth Opportunities, Family Services and Labour, Healthy Child, Education, among various others. This workshop focused on social inequalities in children and Dr. Marni Brownell’s “How are Manitoba’s Children Doing?” was the keynote presentation. Roundtable discussions were held to discuss how the results of this report can translate into improving children’s well–being in Manitoba. Others projects presented at this workshop included “Perinatal Services and Outcomes in Manitoba” by Dr. Maureen Heaman, “The Early Development
Instrument (EDI) in Manitoba: Linking Socioeconomic Adversity and Biological Vulnerability at Birth to Children’s Outcomes at Age 5” by Dr. Rob Santos, “PATHS Equity for Children” by Dr. Pat Martens, “Long–term Outcomes of Manitoba’s InSight Mentoring Program” by Dr. Chelsea Ruth, “Towards Flourishing: Mental Health Promotion for Families” by Dr. Mariette Chartier, and “Social Housing and Health in Manitoba: A First Look” by Mr. Mark Smith.

1st MCHP Legislature Breakfast

Another new knowledge translation event held this year was the MCHP Legislature Breakfast. On the 9th of October 2012, Dr. Pat Martens and Dr. Alan Katz met with Members of the Legislative Assembly (MLAs) and Legislative Building government staff to describe happenings at MCHP. This included additions to the MCHP Repository from government administrative datasets, initiatives to ensure that the research is widely disseminated regionally, provincially, nationally and internationally, and research projects including recent deliverables. Over 30 people attended, including Deputy Ministers, MLAs, and representatives from Justice; Family Services and Labour; Innovation, Energy and Mines; Status of Women; Healthy Child Manitoba; and Clerk of Executive Council.

BRIEFDINGS

Prior to the release of a deliverable, Manitoba Health senior executive and managers, including the Associate Deputy Ministers, Deputy Ministers and Ministers, receive briefings which highlight the outcomes and recommendations of the particular report. Stakeholder groups are also briefed prior to relevant releases.

EVIDENCENETWORK.CA

EvidenceNetwork.ca is a non–partisan web based project that makes the latest evidence on controversial health–policy issues available to the Canadian news media. EvidenceNetwork.ca was launched in April 2011 and links journalists with health policy experts to provide access to credible, evidence–based information. It aims
to ground the healthcare dialogue and debate in credible, balanced and timely evidence. Noralou Roos (Nominated Principal Applicant) and Patricia Martens (Principal Applicant) were successful in receiving funding for this project from the Canadian Institutes of Health Research (CIHR) and the Manitoba Health Research Council.

EvidenceNetwork.ca has over 70 expert advisors who are able to answer questions and connect the media with evidence on Canadian health policy issues. These experts were chosen based on their standing in the health policy research/academic community, publishing record, ability to communicate in lay language, the absence of partisan ties including political activity and lobbying affiliations.

The experts are organised into eight subject areas: Aging Population; Health is More than Healthcare; Healthcare Costs and Spending; Patient Financing of Healthcare; Private, For–Profit Solutions to Funding and Delivery; Sustainability; More is Not Always Better; and Waiting for Care, with four new areas being added (Mental Health, Obesity, Pharmaceutical Policy and International Health Systems).

Four of MCHP’s Senior Scientists are EvidenceNetwork.ca experts: Malcolm Doupe (Aging Population, Nursing Homes, Home Care) Alan Katz (Primary Care Delivery and Disease Prevention), Marni Brownell (Social Factors in Children’s Health), Noralou Roos (Poverty and Well Being).

Much of their communication of research is accomplished through opinion editorials (or OpEds). Since its inception, EvidenceNetwork.ca experts have written over 200 different OpEds which have been published over 550 times in major media publications across the country, including in the Globe and Mail, National Post, Toronto Star, Huffington Post, Hill Times, Yahoo News, Le Devoir, Le Soleil, and most other broadsheets, in addition to hundreds of publications in smaller community, rural, niche and online publications. Many of these have been published in both official languages, allowing for a truly national healthcare dialogue and debate.

In addition to Drs. Noralou Roos and Sharon Manson Singer, co–founders, the team at EvidenceNetwork.ca also includes Kathleen O’Grady, Shannon Turczak and Camilla Tapp.

**MEDIA RELEASES**

- **Continuity of Care Best Option for Health Care, but not Always the Case in Manitoba.** For the Deliverable “Understanding the Health System Use of Ambulatory Care Patients”. 21 March 2013.
- **Report finds new uses for Provincial Lab Data.** For the Deliverable “A Systematic Investigation of Manitoba’s Provincial Laboratory Data”. 3 December 2012
- **Giving Birth in Manitoba.** For the Deliverable “Perinatal Services and Outcomes in Manitoba”. 1 November 2012
- **How Healthy are Manitoba’s Children?** For the Deliverable “How are Manitoba’s Children Doing?”. 11 October 2012
- **Planning for an Aging Population.** For the Deliverable “Projecting Personal Care Home Bed Equivalent Needs in Manitoba Through 2036”. 4 October 2012
- **First of a Kind Study on the Health of Francophones in Manitoba.** For the Deliverable “Health
and Healthcare Utilization of Francophones in Manitoba”. 19 June 2012

- Health at Birth Strongly Linked to how Prepared Kids are for School. For the Deliverable “The Early Development Instrument (EDI) in Manitoba: Linking Socioeconomic Adversity and Biological Vulnerability at Birth to Children’s Outcomes at Age 5”. 11 May 2012

- New Study says Intensive Care Units in Manitoba are Busy. For the Deliverable “The Epidemiology and Outcomes of Critical Illness in Manitoba”. 18 April 2012

VISITORS WITH DATA RELATED INTERESTS

In September 2012, two groups visited MCHP: David Ford (Professor of Health Informatics) and Simon Thompson (Chief Technology Officer) from Swansea University in Wales, UK, and Kelly Alke (Lead of the Researcher Liaison Unit) and Jim Mintha (Lead of the Systems and Security Unit) from Population Data BC in British Columbia, Canada. While here, they met with many MCHP researchers and staff. Additionally, David Ford made a presentation, entitled “Basic Overview and Future Direction of SAIL (Secure Anonymised Information Linkage) Databank,” and Kelly Alke presented “Population Data BC: Overview and Outline of Current Initiatives.”

In March 2013, Dr. Chencho Dorjee (Director) and Dr. Neyzang Wangmo (Dean, Research and External Linkages) from the Royal Institute of Health Sciences, Royal University of Bhutan, visited MCHP. In addition to touring MCHP and meeting with researchers and staff, they also made a presentation at a departmental colloquium, entitled “Bhutanese Health Care System.”

STAFF

Executive

- Patricia Martens, Director, Professor, Senior Research Scientist
- Alan Katz, Associate Director, Research, Professor, Senior 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
- Randy Fransoo, Assistant Professor, Research Scientist
- Leslie Roos, Founding Director, Senior Research Scientist, Professor
- Noralou Roos, Founding Director, Senior Research Scientist, Professor

Research Co-ordinators

- Ruth-Ann Soodeen, Lead Research Co-ordinator
- Elaine Burland, Research Co-ordinator
- Ina Koseva, Research Co-ordinator
- Chelsey McDougall, Research
ANNUAL REPORT - 1 APRIL 2012 THROUGH 31 MARCH 2013

Co-ordinator
- Kari-Lynne McGowan, Research Co-ordinator
- Jennifer Schultz, Research Co-ordinator

Research Assistants
- Chun Yan Goh
- Aynslie Hinds
- Jessica Jarmasz

Data Acquisition
- J. Patrick Nicol, Lead Data Acquisition Officer
- Say Hong, Data Management Analyst
- Dave Towns, Data Acquisition Officer
- Angela Tan, Data Acquisition Officer
- Tyler Ostapyk
- Ken Turner

Repository Access and Documentation
- Ruth Bond, Manager of Repository Access and Documentation
- Jo-Anne Baribeau, Repository Access Co-ordinator
- Emily English
- Marianne Wishnowski

Data Analysts
- Wendy Au
- Bogdan Bogdanovic
- Hui Chen
- Matt Dahl
- Shelley Derksen
- Natalia Dik
- Oke Ekuma
- Sazzadul Khan
- Leonard MacWilliam
- Heather Prior
- Joykrishna Sarkar
- Carole Taylor
- Randy Walld
- Marina Yogendran

Communications
- Jack Rach, Communications Officer

Finance
- Sophie Buternowsky, Senior Grants Accountant
- Ariel Bautista, Grants Accountant
- Linda Kostiuk, Grants Accountant
- Nora Platte, Financial Assistant

Research Support
- Elisa Allegro
- Angela Bailly
- Eileen Boriskewich
- Theresa Daniuk,
- Kara Dyck
- Wendy Guenette
- Leanne Rajotte,
- Shannon Turczak

Information Technology
- Rod McRae, Information Technology Manager
- Darrin Halabuza, Information Technology Support
MANITOBA FOLLOW-UP STUDY (MFUS)

Dr. Robert Tate, Director

Now in its sixty-fourth year, the Manitoba Follow-up Study (MFUS) is one of the world’s longest running prospective longitudinal health studies. A cohort of 3,983 healthy young men have participated since 1948 (mean age 30 years) with routine medical examinations and mail-based surveys. MFUS has been housed and operating continuously at the University of Manitoba medical school. Beyond its original objective of investigating the prognostic significance of electrocardiographic abnormalities in otherwise healthy individuals, in recent years MFUS has broadened its research focus to examine current issues in gerontology including the dynamic process of successful aging, nutritional risk among the elderly, and primary/secondary control of aging individuals.

DEVELOPING COLLABORATIONS FOR NEW INVESTIGATE AREAS AT MFUS

- Ruth Barclay Goddard–SMR–response shift pre–post stroke
- Depeng Jiang–CHS–longitudinal analysis of ordinal data
- Christina Lengyel–Nutritional Sciences–longitudinal study nutritional risk
- Julia Uhanova–Medicine–liver disease, cirrhosis and hepatitis

STAFF

- Robert B. Tate, PhD, Director
- Audrey Swift, PhD, Post-Doctoral Fellow with MFUS since February 2011. She is primarily involved with writing articles and coding questionnaires. Dr Swift received a two-year CIHR / MHRC post doctoral fellowship award for the period July 2011 through to July 2013.
- Madge Biddell, 0.6 EFT, is the office administrator and oversees member and medical contacts.
• Dennis Bayomi, MSc, 0.8 EFT, is a research analyst and oversees MFUS data management.
• Victoria Kubas, BSc is a casual office assistant.
• T. Edward Cuddy, MD is “Director Emeritus” of MFUS and spends on average 2 days per month in the office in an advisory capacity for the study.

Recently, Ms. Miriam Glogowski was recruited to manage the team and lead the transition into the new facility located in the Apotex building.

During 2012, the focus has been on building the Centre’s infrastructure, securing space, designing and building IT systems and processes, and assembling a team of research methodologists, programmers, and support staff. At the same time, the team continued to work hard to deliver on more than 20 ongoing and planned projects. While managing six ongoing grants, the team was successful in obtaining another seven grants and contracts from provincial, national, and international sources. In the spring of 2013, we also submitted applications for another five grants. We also produced more than 22 publications and submitted five more for publication.

**STAFF**

- Dr. Salaheddin Mahmud, Founding Director
- Dr. Songul Bozat-Emre, Research Associate
- Dr. Luiz Mostaco–Guidolin, Research Associate
- Ms. Miriam Glogowski, Project Manager
- Ms. Hazel Rona, Research Associate
- Ms. Laura Thompson, Student Research Assistant
- Ms. Aynsle Hinds, Student Research Assistant
- Ms. Natalie Casaclang, Research Assistant
- Ms. Iryna Tsybyukh, Office Assistant
- Ms. Jaskiran Sidhu, Student Research Assistant (volunteer)
- Mr. Milton Hu, Data analyst (volunteer)

**PHARMACO-EPIDEMIOLGY AND VACCINE RESEARCH CENTRE**

Dr. Salah Mahmud, Director

Provisionally named the “Pharmaco–Epidemiology and Vaccine Research Centre” (PVRC), this new unit of the Department of Community Health Sciences was established in 2012 with funding from the Canadian Foundation for Innovation, the Manitoba Government, and the University of Manitoba. The PVRC was established to serve as a hub and a catalyst for multi-disciplinary research focused on the evaluation of drug and vaccine safety and effectiveness, to provide research support to clinicians, public health professionals and others researchers working in this area, and to act as a training site for future researchers.

The Centre is led by Dr. Salah Mahmud, an Assistant Professor in the Department and a Canada Research Chair in Pharmacoepidemiology and Vaccine Evaluation. Drs. Songul Bozat–Emre, a PhD trained pharmaco-epidemiologist, and Luiz Mostaco–Guidolin, a PhD trained mathematician and computer scientist, joined the PVRC in mid–2012, followed by six other staff and two volunteers.
OTHER ACADEMIC STAFF

DR. ROBERT CHASE

Dr. Chase’s research area focuses on the Life Story Board, a visual interview toolkit design for use by counselors and therapists with a range of applications and client types, child or adult. In 2009, Dr. Chase started a company to produce LSB toolkits, develop training resources and networks (http://vidaview.ca).

In 2012 the feasibility study of LSB use with immigrant newcomer students in Winnipeg high schools was published (funded by MHRC). A digital–LSB–prototype App has been developed as a research tool for community, social network, and household information gathering in the humanitarian and public health sectors. Plans are to establish a non–profit organisation to be home for LSB system and its strategic development.

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 PhD (4), MSc (2 Med Micro) and MPH (10) Students.

Undergraduate Teaching: Med 1 Block 1 Tutorials; Med 1 Block 2 Lecturer; MSR Rotation Supervisor; Family Medicine/Public Health Clerkship Lecturer and on–site preceptor (Northern RHA). Postgraduate Medical Education: 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
• Graduate Studies Committee and Admissions, CHS
• MPH Committee and Admissions, CHS

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. JOEL KETTNER

Promoted to associate professor; appointed director of the Masters in Public Health program; elected senator, University of Manitoba; elected to executive committee, Clinical Teachers Association of Manitoba; Visiting professorship, Masters in Development Practice Program, Global College, University of Winnipeg; Appointed medical director, International Centre for Infectious Diseases and scientific lead, National Collaborating Centre for Infectious Diseases; Elected member of the board of directors, Canadian Public Health Association; Elected president-elect, Public Health Physicians of Canada; Elected member of the board
of directors, Canadian Association of Medical Education Foundation; 

Health mentor, Grand Challenges Phase 1 Grant (total $100,000) “Improving Maternal and Child Health at the Root through Village Level Biotechnologies” with International Institute of Sustainable Development (co-PI) and CTx Green (PI.)

Consultant Contracts:

• Chief Medical Officer of Health, New Brunswick report on shale gas;
• Medical Advisor to the President, University of Winnipg for new health centre and campus health promotion; and
• Norway House Cree Nation medical advisor regarding new Health Centre and health promotion

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 Block 1 Tutorials; Med 1 Block 1 Lecturer; Med 2 Block 4 Lecturer; Med 2 Block 6 Lecturer; Med 3 ITC Lecturer; MSR Rotation Supervisor; Med 4 Medical Student International Elective Supervisor (Haiti); Nominated for Most Outstanding Teacher Med 1 (Manitoba Medical Students’ Association); Nominated for Most Outstanding Teacher Med 2 (MMSA)

Postgraduate Medical Education: Public Health and Preventive Medicine Residency (academic half-day lecturer, WRHA public health rotation preceptor, practice oral examiner); Examiner, MCC Qualifying Examination Part II (Medical Council of Canada)

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)

National Committees representing the University of Manitoba:
President, Test Committee in Clinical Decision Making (Medical Council of Canada); Central Examination Committee (MCC Examination Board); Test Committee in Objective Structured Clinical Examination (MCC Qualifying Examination Part II, MCC); Chair, Committee to Advise on Tropical Medicine and Travel (CATMAT), Travel Medicine Program (Public Health Agency of Canada); 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.
FINANCIAL OVERVIEW

There were a number of new systems that were implemented across the University this year that impacted the financial systems: Concur for travel; Print Management System for printing, photocopying and scanning; and EPIC, an e–procurement system.

These systems required both staff and faculty to develop some new skills which meant lots of training.

We are hoping to see processes streamlined and reduce time required to complete tasks using these new systems.

Across the Department, a total of 45 new grants were awarded. There are over 105 grants and contracts that continued this year for a Departmental total of approximately $43M. Total revenue from all sources for the Department is approximately $51M.

NEW RESEARCH FUNDS

<table>
<thead>
<tr>
<th>Grant Title</th>
<th>PI</th>
<th>Co-Pls</th>
<th>Start Date</th>
<th>End Date</th>
<th>Total Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administrative Data in Rheumatic Disease Research and Surveillance - CanRad Network - Canadian Institutes of Health Research (CIHR)</td>
<td>S Bernatsky, McGill University</td>
<td>L Lix</td>
<td>Mar 2013</td>
<td>Mar 2014</td>
<td>$24,847.00</td>
</tr>
<tr>
<td>Age-Friendly Cities Hub - SSHRC</td>
<td>V Menec</td>
<td></td>
<td>Mar 2012</td>
<td>Feb 2013</td>
<td>$46,075.00</td>
</tr>
<tr>
<td>Age-Friendly Communities - Manitoba Seniors and Health Aging Secretariat Senior Centres</td>
<td>V Menec</td>
<td></td>
<td>Mar 2013</td>
<td>Mar 2014</td>
<td>$7,500.00</td>
</tr>
<tr>
<td>&quot;Age-Friendly Rural and Remote Communities Partnership -</td>
<td>B Elias, Busby, Karen</td>
<td></td>
<td></td>
<td></td>
<td>$ 25,000.00</td>
</tr>
<tr>
<td>U of M/SSHRC*</td>
<td>V Menec</td>
<td></td>
<td>Nov 2012</td>
<td>Mar 2013</td>
<td>$5,000.00</td>
</tr>
<tr>
<td>An enhanced method to measure chronic disease burdens using health</td>
<td>C Guanmin, University of Calgary</td>
<td>L Lix</td>
<td>Apr 2013</td>
<td>Mar 2016</td>
<td>$411,927.00</td>
</tr>
<tr>
<td>administrative data - Canadian Institutes of Health Research (CIHR)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>($1,113,005 (AUS))</td>
</tr>
<tr>
<td>Assessing infrastructure and contextual actors in relation to</td>
<td>M Daniel, &quot;M Cargo, R</td>
<td></td>
<td>Nov 2012</td>
<td>Dec 2016</td>
<td>$1,113,005</td>
</tr>
<tr>
<td>cardiometabolic outcomes in remote Indigenous communities: Evidence for</td>
<td>Bailie, S Bruce et al.</td>
<td></td>
<td></td>
<td></td>
<td>(AUS)</td>
</tr>
<tr>
<td>policy change - National Health and Medical Research Council (Australia)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Associate Director, Age-Friendly Web site - Manitoba Seniors and Health</td>
<td>V Menec</td>
<td></td>
<td>Aug 2012</td>
<td>Aug 2014</td>
<td>$45,000.00</td>
</tr>
<tr>
<td>Aging Secretariat Senior Centres</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canada Foundation for Innovation Infrastructure Operating Fund</td>
<td>V Menec</td>
<td></td>
<td>Dec 2012</td>
<td>Mar 2014</td>
<td>$137,000.00</td>
</tr>
<tr>
<td>Grant Title</td>
<td>PI</td>
<td>Co-Pls</td>
<td>Start Date</td>
<td>End Date</td>
<td>Total Funds</td>
</tr>
<tr>
<td>----------------------------------------------------------------------------</td>
<td>-------------------------</td>
<td>------------------</td>
<td>------------</td>
<td>----------</td>
<td>--------------</td>
</tr>
<tr>
<td>Canada Research Chair in Environment and Health Risk Communication Renewal - Tier II</td>
<td>SM Driedger</td>
<td></td>
<td>2012</td>
<td>2017</td>
<td>$500,000.00</td>
</tr>
<tr>
<td>Canada Research Chair in pharmaco-epidemiology and vaccine evaluation</td>
<td>S Mahmud</td>
<td>None</td>
<td>Dec 2012</td>
<td>Oct 2017</td>
<td>$500,000.00</td>
</tr>
<tr>
<td>Canadian completeness of physician billing claims administrative health databases in Canada</td>
<td>L Lix</td>
<td></td>
<td>Oct 2012</td>
<td>Sept 2015</td>
<td>$251,559.00</td>
</tr>
<tr>
<td>CAN-AIM Team DSEN Targeted Research Prospective Studies - Canadian Institutes of Health Research (CIHR)</td>
<td>S Bernatsky, McGill University</td>
<td>L Lix</td>
<td>Apr 2013</td>
<td>Mar 2016</td>
<td>$165,000.00</td>
</tr>
<tr>
<td>Cardiovascular disease and cognitive dysfunction (CVCD) cohort alliance - Canadian Partnership Against Cancer (CPAC)</td>
<td>S Anand</td>
<td>M Frederick, J Tue, S Bruce et al.</td>
<td>Jun 2013</td>
<td>Dec 2016</td>
<td>$16,061,500.00</td>
</tr>
<tr>
<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 - Canadian Institutes of Health Research (CIHR)</td>
<td>D Marshall, University of Calgary</td>
<td>L Lix</td>
<td>Apr 2013</td>
<td>Apr 2016</td>
<td>$429,174.00</td>
</tr>
<tr>
<td>Disability and Bioethical Curriculum Development grant to create teaching modules for ethics teaching in anthropology - Health Professions Education and Health Sciences</td>
<td>D Kasnitz</td>
<td>L Ford, J Kaufert</td>
<td>Apr 2012</td>
<td>Mar 2013</td>
<td>$5,000.00</td>
</tr>
<tr>
<td>Disease Mapping in the Province of Manitoba - Manitoba Health Research Council (MHRC) Establishment Grant</td>
<td>M Torabi</td>
<td></td>
<td>2012</td>
<td>2015</td>
<td>$99,545.00</td>
</tr>
<tr>
<td>Global activity and promising practices in HIV and STBBI: Program science initiatives</td>
<td>J Blanchard</td>
<td>M Becker</td>
<td>Feb 2013</td>
<td>Mar 2013</td>
<td>$24,850.00</td>
</tr>
<tr>
<td>HIV/AIDS in Karnataka, India: a quantitative study - a WHO funded study</td>
<td>S Halli</td>
<td></td>
<td></td>
<td></td>
<td>$62,500.00</td>
</tr>
<tr>
<td>Improving the quality of lives of vulnerable adolescent girls in North Karnataka, India</td>
<td>S Moses</td>
<td></td>
<td>Oct 2012</td>
<td>Oct 2014</td>
<td>160,000 (USD)</td>
</tr>
<tr>
<td>Grant Title</td>
<td>PI</td>
<td>Co-Pls</td>
<td>Start Date</td>
<td>End Date</td>
<td>Total Funds</td>
</tr>
<tr>
<td>----------------------------------------------------------------------------</td>
<td>---------------------</td>
<td>---------------------------------------------</td>
<td>------------</td>
<td>-----------</td>
<td>-------------</td>
</tr>
<tr>
<td>International Invited Age-Friendly Rural and Remote Communities Symposium - SSHRC</td>
<td>V Menec</td>
<td></td>
<td>Sep 2012</td>
<td>Aug 2014</td>
<td>$50,000.00</td>
</tr>
<tr>
<td>International Invited Symposium - Manitoba Seniors and Health Aging Secretariat Senior Centres</td>
<td>V Menec</td>
<td></td>
<td>Feb 2012</td>
<td>Aug 2013</td>
<td>$25,000.00</td>
</tr>
<tr>
<td>International Invited Symposium on Age-Friendly Rural and Remote Communities - Manitoba Healthy Living, Seniors and Consumer Affairs</td>
<td>V Menec</td>
<td></td>
<td>Sep 2012</td>
<td>Mar 2013</td>
<td>$20,000.00</td>
</tr>
<tr>
<td>Manitoba Health Research Council (MHRC) Establishment Grant</td>
<td>M Torabi</td>
<td></td>
<td>Jul 2012</td>
<td>Jun 2015</td>
<td>$99,545.00</td>
</tr>
<tr>
<td>Manitoba Research Chair: Algorithms for administrative health databases - Manitoba Health Research Council (MHRC)</td>
<td>L Lix</td>
<td></td>
<td>Sept 2012</td>
<td>Aug 2017</td>
<td>$500,000.00</td>
</tr>
<tr>
<td>Meeting critical health care and nutritional needs to improve maternal, neonatal and child health in vulnerable African populations</td>
<td>J Blanchard, L Avery, M Crockett, M Becker, J Slater</td>
<td></td>
<td>Feb 2012</td>
<td>Apr 2015</td>
<td>$1,671,983.00</td>
</tr>
<tr>
<td>Network Environments for Aboriginal Health Research - Canadian Institutes of Health Research (CIHR)</td>
<td>F Wien</td>
<td>S Bruce, C Cook and Manitoba NEAHR Team</td>
<td>2013</td>
<td>2014</td>
<td>$100,000.00</td>
</tr>
<tr>
<td>Neuroimaging Profiles of Neuropsychiatric Subgroups in Mild Cognitive Impairment and Early Alzheimer’s Disease - Canadian Institutes of Health Research (CIHR)</td>
<td>C Millikin, University of Manitoba</td>
<td>L Lix</td>
<td>Apr 2013</td>
<td>Mar 2014</td>
<td>$50,000.00</td>
</tr>
<tr>
<td>Ontario Child Health Study Sequel - Canadian Institutes of Health Research (CIHR)</td>
<td>M Boyle</td>
<td>K Gerogiades, TO Afifi, K Bennett et al.</td>
<td>2013</td>
<td>2018</td>
<td>$5,300.00</td>
</tr>
<tr>
<td>Ontario Child Health Study Sequel - Ontario Ministry of Health and Long-Term Care (MOHLTC)</td>
<td>M Boyle</td>
<td>K Gerogiades, TO Afifi, K Bennett et al.</td>
<td>2013</td>
<td>2016</td>
<td>$3,000,000.00</td>
</tr>
<tr>
<td>Paying for Primary Care - Canadian Institutes of Health Research (CIHR)/ University of Toronto</td>
<td>A Katz</td>
<td></td>
<td>Apr 2012</td>
<td>Mar 2016</td>
<td>$60,000.00</td>
</tr>
<tr>
<td>Phase Two Health Research Group Grant: Water Quality and Chronic Disease - Saskatchewan Health Research Foundation</td>
<td>L Bharadwaj &amp; C Waldner, University of Saskatchewan</td>
<td>L Lix</td>
<td>Nov 2012</td>
<td>Oct 2015</td>
<td>$299,149.00</td>
</tr>
<tr>
<td>Promoting Intergenerational Activities - Manitoba Seniors and Health Aging Secretariat Senior Centres</td>
<td>V Menec</td>
<td></td>
<td>Mar 2012</td>
<td>Mar 2013</td>
<td>$3,000.00</td>
</tr>
<tr>
<td>Provide technical support for the next steps of the Maternal and Child Health (MACH) action plan</td>
<td>J Blanchard, M Becker</td>
<td></td>
<td>Jan 2013</td>
<td>Mar 2013</td>
<td>$15,200.00</td>
</tr>
<tr>
<td>Grant Title</td>
<td>PI</td>
<td>Co-Pls</td>
<td>Start Date</td>
<td>End Date</td>
<td>Total Funds</td>
</tr>
<tr>
<td>---------------------------------------------------------------------------</td>
<td>---------------------</td>
<td>--------------------------</td>
<td>------------</td>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td>Public Health Improvement Pilot Project Evaluation</td>
<td>B Lavallee</td>
<td></td>
<td>Jan 2013</td>
<td>Mar 2013</td>
<td>$17,600.00</td>
</tr>
<tr>
<td>Reducing inequities in access to and use of prenatal care in the Winnipeg Health Region through health system improvement - Canadian Institutes of Health Research (CIHR)</td>
<td>M Heaman, L Tjaden</td>
<td>S Mahmud, G Carson, C Cook, L Elliot et al.</td>
<td>Apr 2012</td>
<td>Mar 2015</td>
<td>$400,000</td>
</tr>
<tr>
<td>Reformatting and archiving aboriginal health advocacy and interpretation video tapes for use in teaching in the new Aboriginal Curriculum Stream - Centre for Aboriginal Health Education</td>
<td>J Kaufert</td>
<td>M Lavallee, W Koolage</td>
<td>Apr 2012</td>
<td>Mar 2013</td>
<td>$1,000.00</td>
</tr>
<tr>
<td>Relationship between nutritional risk and well-being of very old Canadian men: the Manitoba Follow-up Study</td>
<td>C Lengyel</td>
<td>R Tate</td>
<td>Jul 2012</td>
<td>Jul 2013</td>
<td>$30,000.00</td>
</tr>
<tr>
<td>Research facility for pharmaco-epidemiology and vaccine safety and effectiveness - Canada Foundation for Innovation (CFI)</td>
<td>S Mahmud</td>
<td></td>
<td>Nov 2012</td>
<td>Mar 2015</td>
<td>$349,432</td>
</tr>
<tr>
<td>Rh Award</td>
<td>M Doupe</td>
<td></td>
<td>Jan 2013</td>
<td>Mar 2018</td>
<td>$12,000.00</td>
</tr>
<tr>
<td>Social engagement and its consequences - Manitoba Seniors and Health Aging Secretariat Senior Centres</td>
<td>V Menec</td>
<td></td>
<td>Mar 2012</td>
<td>Mar 2013</td>
<td>$20,000.00</td>
</tr>
<tr>
<td>Social, behavioural and transmission properties associated with diversity in HIV epidemics among people who inject drugs and other key populations</td>
<td>J Blanchard</td>
<td>M Becker, F Emmanuel, J Wylie</td>
<td>Oct 2012</td>
<td>Sept 2014</td>
<td>$428,369.00</td>
</tr>
<tr>
<td>SOMNIA (Systematic Observational Method for Narcolepsy and Influenza Immunization Assessment) in Manitoba</td>
<td>S Mahmud, S Black</td>
<td></td>
<td>Feb 2013</td>
<td>Sept 2014</td>
<td>$51,225</td>
</tr>
<tr>
<td>Students for global maternal, neonatal and child health: A Canadian-Kenyan partnership</td>
<td>L Avery</td>
<td>M Crockett, J Slater, R Dean, et al.</td>
<td>Apr 2012</td>
<td>Dec 2014</td>
<td>$189,890.00</td>
</tr>
<tr>
<td>The epidemiology and clinical outcomes of invasive pneumococcal disease in Manitoba - Pfizer</td>
<td>S Mahmud</td>
<td>None</td>
<td>Aug 2012</td>
<td>Nov 2013</td>
<td>$181,775</td>
</tr>
<tr>
<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>
<td>TO Afifi</td>
<td>M Boyle, H MacMillan, J Sareen</td>
<td>2013</td>
<td>2015</td>
<td>$92,708.00</td>
</tr>
<tr>
<td>Grant Title</td>
<td>PI</td>
<td>Co-Pls</td>
<td>Start Date</td>
<td>End Date</td>
<td>Total Funds</td>
</tr>
<tr>
<td>----------------------------------------------------------------------------</td>
<td>---------------------</td>
<td>---------------------------------</td>
<td>------------</td>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td>The utility of emergency department data for the early detection of adverse events following vaccinations during mass immunization campaigns - Manitoba Health</td>
<td>S Mahmud</td>
<td>T Strome</td>
<td>Jul 2012</td>
<td>Jun 2013</td>
<td>$20,000</td>
</tr>
<tr>
<td>Vaccine safety, effectiveness and uptake project - Manitoba Health</td>
<td>S Mahmud</td>
<td>L Elliott, S Bozat-Emre</td>
<td>Feb 2013</td>
<td>Jan 2015</td>
<td>$50,000</td>
</tr>
<tr>
<td>Validation Study on Administrative Data in Manitoba for the Purpose of ASD Surveillance</td>
<td>M Brownell</td>
<td>H Ouellette-Kuntz</td>
<td>Aug 2012</td>
<td>Mar 2014</td>
<td>$150,000.00</td>
</tr>
</tbody>
</table>

**ON-GOING RESEARCH FUNDS**

<table>
<thead>
<tr>
<th>Grant Title</th>
<th>PI</th>
<th>Co-Pls</th>
<th>Start Date</th>
<th>End Date</th>
<th>Total Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advancing Quality in Cancer Control and Cancer Systems Performance in the Face of Uncertainty</td>
<td>SM Driedger</td>
<td>M Brouwers, M Giacomini, J Hoch, J Sisler, D Turner</td>
<td>2010</td>
<td>2013</td>
<td>$711,198.00</td>
</tr>
<tr>
<td>Applied Public Health Chair Award - Canadian Institutes of Health Research (CIHR)</td>
<td>P Martens</td>
<td></td>
<td>Mar 2008</td>
<td>Mar 2012</td>
<td>$530,000.00</td>
</tr>
<tr>
<td>Assessment of hypertension occurrence, management and outcomes in Canada - Canadian Institutes of Health Research (CIHR)</td>
<td>H Quan</td>
<td>L Lix</td>
<td>Jun 2009</td>
<td>May 2013</td>
<td>$640,962.00</td>
</tr>
<tr>
<td>Biostatistical Methods for Disease Cluster Detection and Spatial Modelling - Canadian Institutes of Health Research (CIHR)</td>
<td>RJ Rosychuk</td>
<td>M Torabi, BH Rowe</td>
<td>2009</td>
<td>2012</td>
<td>$197,085.00</td>
</tr>
<tr>
<td>Biostatistical Methods in Health Sciences Start-up Fund</td>
<td>M Torabi</td>
<td></td>
<td>2010</td>
<td>2013</td>
<td>$75,000.00</td>
</tr>
<tr>
<td>Building Capacity to Respond to HIV/AIDS in China</td>
<td>J Blanchard</td>
<td>N Yu</td>
<td>Mar 2013</td>
<td></td>
<td>$958,399.00</td>
</tr>
<tr>
<td>Canada Research Chair Renewal</td>
<td>V Menec</td>
<td></td>
<td>2010</td>
<td>2015</td>
<td>$500,000.00</td>
</tr>
<tr>
<td>Canadian Institutes of Health Research (CIHR)</td>
<td>E Forget</td>
<td>M Torabi et al.</td>
<td>Jul 2011</td>
<td>Jun 2014</td>
<td>$180,000.00</td>
</tr>
<tr>
<td>Canadian Institutes of Health Research (CIHR)</td>
<td>RJ Rosychuk</td>
<td>M Torabi, BH Rowe</td>
<td>Jul 2009</td>
<td>Jun 2012</td>
<td>$197,085.00</td>
</tr>
<tr>
<td>Grant Title</td>
<td>PI</td>
<td>Co-Pls</td>
<td>Start Date</td>
<td>End Date</td>
<td>Total Funds</td>
</tr>
<tr>
<td>---------------------------------------------------------------------------</td>
<td>------------------------</td>
<td>---------------------------------</td>
<td>------------</td>
<td>----------</td>
<td>------------------------------</td>
</tr>
<tr>
<td>Canadian Institutes of Health Research (CIHR)</td>
<td>S Bruce</td>
<td>M Torabi et al.</td>
<td>Jul 2011</td>
<td>Jun 2013</td>
<td>$262,092.00</td>
</tr>
<tr>
<td>Canadian Institutes of Health Research (CIHR)/Cancer Care Manitoba Team First Nations Cancer Research</td>
<td>BD Elias</td>
<td>D Turner</td>
<td>Jan 2007</td>
<td>Mar 2014</td>
<td>$1,225,903.00</td>
</tr>
<tr>
<td>Canadian Institutes of Health Research (CIHR)/CHVI Team in the socio-cultural aspects of implementing HIV vaccine programs among MSM And FSWs in Asia and Africa</td>
<td>R Lorway</td>
<td></td>
<td>Aug 2010</td>
<td>Jul 2013</td>
<td>$750,000.00</td>
</tr>
<tr>
<td>Canadian Longitudinal Study on Aging - Canada Foundation for Innovation (CFI)</td>
<td>P Raina, S Kirkland, C Wolfson</td>
<td>V Menec Co-investigator and Manitoba Site Principal Investigator</td>
<td>2007</td>
<td>2014</td>
<td>$26.6 Million: $1,1 million to University of Manitoba</td>
</tr>
<tr>
<td>Canadian Longitudinal Study on Aging DCS - Canadian Institute of Health Research (CIHR)</td>
<td>P Raina, S Kirkland, C Wolfson</td>
<td>V Menec Co-investigator and Manitoba Site Principal Investigator</td>
<td>2009</td>
<td>2014</td>
<td>$23.9 Million: $1,144,599 to University of Manitoba over three years, 2011/12 to 2013/14</td>
</tr>
<tr>
<td>Canadian Longitudinal Study on Aging Mobility Initiative - An Emerging Team in Mobility in Aging</td>
<td>P Raina, S Kirkland, C Wolfson</td>
<td>V Menec</td>
<td>2008</td>
<td>2013</td>
<td>$1,487,100.00</td>
</tr>
<tr>
<td>Canadian Longitudinal Study on Aging Tracking Cohort - Canadian Institutes of Health Research (CIHR)</td>
<td>P Raina, S Kirkland, C Wolfson</td>
<td>V Menec Co-investigator and Manitoba Site Principal Investigator</td>
<td>2011</td>
<td>2014</td>
<td>$193,356.00</td>
</tr>
<tr>
<td>Canadian network for observational and drug effect studies (CNODES) - Canadian Institutes of Health Research (CIHR)</td>
<td>G Teare Co-PI</td>
<td>L Lix</td>
<td>Apr 2011</td>
<td>Mar 2016</td>
<td>$1,600,000.00</td>
</tr>
<tr>
<td>Centre Grant - Manitoba Health</td>
<td>P Martens</td>
<td></td>
<td>Apr 2010</td>
<td>Mar 2015</td>
<td>$11,625,000.00</td>
</tr>
<tr>
<td>Community-University Reasearch Alliances - SSHRC</td>
<td>V Menec</td>
<td></td>
<td>2007</td>
<td>2013</td>
<td>$1,000,000.00</td>
</tr>
<tr>
<td>Grant Title</td>
<td>PI</td>
<td>Co-Pls</td>
<td>Start Date</td>
<td>End Date</td>
<td>Total Funds</td>
</tr>
<tr>
<td>----------------------------------------------------------------------------</td>
<td>-----------------------------</td>
<td>---------------------------------------------</td>
<td>------------</td>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td>Comparison of the Epidemiology and Clinical Outcomes of Laboratory-Confirmed Influenza A and Influenza B cases in Manitoba - GlaxoSmithKline (GSK)</td>
<td>S Mahmud</td>
<td></td>
<td>Dec 2011</td>
<td>Feb 2013</td>
<td>$156,101</td>
</tr>
<tr>
<td>CRC in Epidemiology and Global Public Health</td>
<td>J Blanchard</td>
<td></td>
<td>Jan 2010</td>
<td>Dec 2014</td>
<td>$500,000.00</td>
</tr>
<tr>
<td>Culturally Grounded Suicide Intervention in Cree Nation Communities - Canadian Institutes of Health Research (CIHR)/Manitoba Health Research Council Regional Partnership Program.</td>
<td>J Sareen</td>
<td>BD Elias, LY Katz, TO Afifi et al.</td>
<td>2012</td>
<td>2014</td>
<td>$495,648.00</td>
</tr>
<tr>
<td>Developing a diabetes prevention intervention: Identifying and targeting contextually-relevant stressors</td>
<td>S Bruce</td>
<td>B Lavallee, L Elliott, L Lix, N Riediger, G Shen, K Young</td>
<td>Mar 2012</td>
<td>Feb 2015</td>
<td>$812,103.00</td>
</tr>
<tr>
<td>Developing a diabetes prevention intervention: Identifying and targeting contextually-relevant stressors - Canadian Institutes of Health Research (CIHR)</td>
<td>S Bruce</td>
<td>L Lix</td>
<td>May 2012</td>
<td>Apr 2015</td>
<td>$548,124.00</td>
</tr>
<tr>
<td>Developing advanced methods for population-based comparative effectiveness studies - Canadian Institutes of Health Research (CIHR)</td>
<td>M Abrahamowicz</td>
<td>L Lix</td>
<td>Sept 2011</td>
<td>Aug 2014</td>
<td>$950,000.00</td>
</tr>
<tr>
<td>Developing and applying theoretical frameworks in the epidemiology of sexually transmitted infections</td>
<td>J Blanchard</td>
<td>B Davies, G Garnett</td>
<td>Mar 2011</td>
<td>Mar 2013</td>
<td>$40,000 (GBP)</td>
</tr>
<tr>
<td>Development of a data laboratory for methodological research about the quality of administrative health data with applications to chronic disease - Canada Foundation for Innovation (CFI), Leaders Opportunity Fund</td>
<td>L Lix</td>
<td></td>
<td>Apr 2009</td>
<td>Mar 2014</td>
<td>$62,742.00</td>
</tr>
<tr>
<td>Dissertation Award - Manitoba Health Research Council (MHRC)</td>
<td>M Brownell</td>
<td>L Yallop</td>
<td>Jul 2011</td>
<td>Jun 2012</td>
<td>$3,725.00</td>
</tr>
<tr>
<td>DSEN CNODES (KT Team) - Canadian Institutes of Health Research (CIHR)</td>
<td>S Suissa</td>
<td>P Martens, PA Caetano, R Platt et al.</td>
<td>Jan 2011</td>
<td>Dec 2015</td>
<td>$375,000.00</td>
</tr>
<tr>
<td>DSEN CNODES (Database Team) - Canadian Institutes of Health Research (CIHR)</td>
<td>S Suissa</td>
<td>P Martens, PA Caetano, S Alessi-Severini, D Chateau, A Katz, S Mahmud et al.</td>
<td>Jan 2011</td>
<td>Dec 2015</td>
<td>$1,550,000.00</td>
</tr>
<tr>
<td>Grant Title</td>
<td>PI</td>
<td>Co-Pls</td>
<td>Start Date</td>
<td>End Date</td>
<td>Total Funds</td>
</tr>
<tr>
<td>---------------------------------------------------------------------------</td>
<td>---------------------</td>
<td>---------------------------------</td>
<td>------------</td>
<td>------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Effectiveness of the GSK Pandemic H1N1 Influenza Vaccines in Preventing Hospitalization for Influenza and Pneumonia - GlaxoSmithKline (GSK)</td>
<td>S Mahmud</td>
<td></td>
<td>Aug 2011</td>
<td>Mar 2013</td>
<td>$164,385</td>
</tr>
<tr>
<td>Endowed Child Health Chair</td>
<td>P Martens</td>
<td></td>
<td>Oct 2003</td>
<td></td>
<td>$93,000.00</td>
</tr>
<tr>
<td>Enhancing existing capacity in applied health services and policy research: The Western Regional Training Centre for Health Services Research (WRTC) - Canadian Institutes of Health Research (CIHR), Strategic Training in Health Research (STIHR)</td>
<td>S Sheps L Lix</td>
<td></td>
<td>Apr 2009</td>
<td>Mar 2015</td>
<td>$1,790,000.00</td>
</tr>
<tr>
<td>Enhancing existing capacity in applied health services and policy research: The Western Regional Training Centre for Health Services Research (WRTC) - Office of the Vice-President Research, University of Saskatchewan, Matching Funds Program</td>
<td>L Lix</td>
<td></td>
<td>Apr 2009</td>
<td>Mar 2014</td>
<td>$65,100.00</td>
</tr>
<tr>
<td>Enhancing the impact of HIV prevention programs for the most at risk populations in Kenya</td>
<td>J Blanchard S Moses, L Gelmon, J Kimani, BM Ramesh</td>
<td>Nov 2011</td>
<td>May 2014</td>
<td>$4,979,956 (USD)</td>
<td></td>
</tr>
<tr>
<td>Establishment Grant - Manitoba Health Research Council (MHRC)</td>
<td>M Doupe</td>
<td></td>
<td>Spe 2011</td>
<td>Aug 2014</td>
<td>$100,000.00</td>
</tr>
<tr>
<td>Evaluation of drug exposure and infectious, malignant and health care utilization outcomes in patients with IBD through the establishment of the Saskatchewan provincial IBD cohort - Saskatchewan Health Research Foundation</td>
<td>J Jones L Lix</td>
<td></td>
<td>Aug 2009</td>
<td>Jun 2012</td>
<td>$80,000.00</td>
</tr>
<tr>
<td>FASD Research - MIEM - UM (Jayas)</td>
<td>M Brownell B Elias</td>
<td></td>
<td>Oct 2011</td>
<td>Mar 2013</td>
<td>$15,000.00</td>
</tr>
<tr>
<td>First Nations Inuit Health Branch</td>
<td>R Fransoo</td>
<td></td>
<td>Oct 2010</td>
<td>Sept 2013</td>
<td>$150,000.00</td>
</tr>
<tr>
<td>Global HIV prevention program science technical support and knowledge management</td>
<td>J Blanchard S Moses, MB Becker, R Lorway, F Emmanuel, BM Ramesh L Thompson</td>
<td>Sept 2011</td>
<td>Dec 2013</td>
<td>$1,230,579 (USD)</td>
<td></td>
</tr>
<tr>
<td>Grant Title</td>
<td>PI</td>
<td>Co-Pls</td>
<td>Start Date</td>
<td>End Date</td>
<td>Total Funds</td>
</tr>
<tr>
<td>---------------------------------------------------------------------------</td>
<td>------------</td>
<td>--------------------</td>
<td>------------</td>
<td>-----------</td>
<td>--------------------</td>
</tr>
<tr>
<td>Government of Nunavut</td>
<td></td>
<td></td>
<td>Apr 2012</td>
<td>Mar 2013</td>
<td>$2,560,708.00</td>
</tr>
<tr>
<td>Health care system sustainability through longitudinal efficiency:</td>
<td>T Stukel</td>
<td>A Katz</td>
<td>Apr 2010</td>
<td>Mar 2012</td>
<td>$132,216.00</td>
</tr>
<tr>
<td>Improved quality and lower costs - SUNNYBROOK/Canadian Institutes of</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health Research (CIHR)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health Report Card</td>
<td>BD Elias</td>
<td></td>
<td>Apr 2006</td>
<td>Mar 2014</td>
<td>$787,324.00</td>
</tr>
<tr>
<td>Impact assessment of HIV prevention programming in Andhra Pradesh and</td>
<td>S Moses</td>
<td></td>
<td>Nov 2009</td>
<td>Sept 2014</td>
<td>$497,926.00</td>
</tr>
<tr>
<td>Karnataka: The CHARME II Project</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Impact policy variation for H1N1 in Aboriginal communities in BC, MB</td>
<td>A Katz</td>
<td></td>
<td>Apr 2010</td>
<td>Mar 2012</td>
<td>$20,000.00</td>
</tr>
<tr>
<td>&amp; ON - Canadian Institutes of Health Research (CIHR)/Queen's University</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Increase uptake of newborn and maternal interventions in poorly</td>
<td>J Blanchard</td>
<td>S Moses, L Avery</td>
<td>Nov 2009</td>
<td>Sept 2014</td>
<td>$8,397,051 (USD)</td>
</tr>
<tr>
<td>performing rural districts of Karnataka</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Injecting Evidence Into Health Policy Coverage: &quot;KT'ing&quot; the Mythbusters</td>
<td>N Roos</td>
<td>P Martens, A</td>
<td>Nov 2009</td>
<td>Oct 2012</td>
<td>$370,800.00</td>
</tr>
<tr>
<td>- Canadian Institutes of Health Research (CIHR)</td>
<td></td>
<td>Cassels, N Hirst,</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>M Driedger, A Katz et al.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Investigating social, built and physical environmental factors for</td>
<td>M Daniel</td>
<td>R Bailie, A Brown,</td>
<td>Dec 2011</td>
<td>Dec 2014</td>
<td>$250,000.00</td>
</tr>
<tr>
<td>remote Indigenous communities, and their relationships with cardiometabolic</td>
<td></td>
<td>S Bruce, M Cargo,</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>outcomes</td>
<td></td>
<td>C Paquet</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Is a Guaranteed Annual Income Feasible and Sustainable in Canada? -</td>
<td>E Forget</td>
<td>B Jackson, A</td>
<td>2011</td>
<td>2014</td>
<td>$180,000.00</td>
</tr>
<tr>
<td>Canadian Institutes of Health Research (CIHR)</td>
<td></td>
<td>Shiell, M Torabi,</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>M Wolfson</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leading Edge Fund - Canada Foundation for Innovation (CFI)</td>
<td>P Martens</td>
<td></td>
<td>Nov 2010</td>
<td>Oct 2014</td>
<td>$1,453,780.00</td>
</tr>
<tr>
<td>Leading Edge Fund (CFI Matching) - MRIF</td>
<td>P Martens</td>
<td></td>
<td>Nov 2010</td>
<td>Oct 2014</td>
<td>$1,453,780.00</td>
</tr>
<tr>
<td>Leaving the City</td>
<td>J Kaufert</td>
<td>J Lavoie</td>
<td>Apr 2008</td>
<td>Mar 2013</td>
<td>$322,910.00</td>
</tr>
<tr>
<td>Maestro2-Storylines: The Use of Creative Expression Among First Nations</td>
<td>H Dean</td>
<td>C Macdonald; S</td>
<td>Mar 2012</td>
<td>Mar 12013</td>
<td>$3,500.00</td>
</tr>
<tr>
<td>Youth with Type 2 Diabetes to Inform Clinical Practice and Foster Self-Care</td>
<td></td>
<td>Bruce; A Kohn</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manitoba Health Research Council (MHRC)</td>
<td>S Bruce</td>
<td>M Torabi et al.</td>
<td>Jul 2011</td>
<td>Jun 2013</td>
<td>$262,092.00</td>
</tr>
<tr>
<td>Grant Title</td>
<td>PI</td>
<td>Co-Pls</td>
<td>Start Date</td>
<td>End Date</td>
<td>Total Funds</td>
</tr>
<tr>
<td>----------------------------------------------------------------------------</td>
<td>---------------------</td>
<td>----------------------------------------------------------</td>
<td>------------</td>
<td>----------</td>
<td>---------------</td>
</tr>
<tr>
<td>Manitoba Network Environment for Aboriginal Health Research</td>
<td>C Cook</td>
<td>S Bruce, BD Elias, V Galley, M Hart, B Lavallee, J Bartlett, J Mignone, K Avery Kinew</td>
<td>2010</td>
<td>2013</td>
<td>$9,297,961.00</td>
</tr>
<tr>
<td>MCHP Research Billing</td>
<td>P Martens</td>
<td></td>
<td>Apr 2002</td>
<td></td>
<td>$166,946.95</td>
</tr>
<tr>
<td>MCHP Research Support Fund</td>
<td>L Roos</td>
<td></td>
<td>Apr 2007</td>
<td>Mar 2015</td>
<td>$44,003.00</td>
</tr>
<tr>
<td>MCHP Research Support Fund</td>
<td>N Roos</td>
<td></td>
<td>Apr 2007</td>
<td>Mar 2015</td>
<td>$140,858.67</td>
</tr>
<tr>
<td>MCHP Research Support Fund</td>
<td>R Fransoo</td>
<td></td>
<td>Oct 2010</td>
<td>Mar 2014</td>
<td>$30,000.00</td>
</tr>
<tr>
<td>MCHP/WRHA (Mike Moffat)</td>
<td>P Martens</td>
<td></td>
<td>Apr 2004</td>
<td></td>
<td>$300,000.00</td>
</tr>
<tr>
<td>Monitoring and Evaluation of the Avahan Project in India - Michel Alary’s Grant</td>
<td>S Moses</td>
<td>J Blanchard</td>
<td>May 2006</td>
<td>Mar 2013</td>
<td>$2,078,939.00</td>
</tr>
<tr>
<td>Natural Sciences and Engineering Research Council of Canada (NSERC)</td>
<td>M Torabi</td>
<td></td>
<td>Apr 2011</td>
<td>Mar 2016</td>
<td>$70,000.00</td>
</tr>
<tr>
<td>Natural Sciences and Engineering Research Council of Canada (NSERC)</td>
<td>M Torabi</td>
<td></td>
<td>Apr 2011</td>
<td>Mar 2016</td>
<td>$70,000.00</td>
</tr>
<tr>
<td>NEAHR</td>
<td>C Cook</td>
<td></td>
<td>Oct 2010</td>
<td>Mar 2014</td>
<td>$970,000.00</td>
</tr>
<tr>
<td>Ongoing research activities with the Manitoba Healthy Living, Seniors and Consumer Affairs</td>
<td>V Menec</td>
<td></td>
<td>2009</td>
<td>2014</td>
<td>$286,000.00</td>
</tr>
<tr>
<td>Ontario Child Health Study Sequel (Bridge Funding) - Canadian Institutes of Health Research (CIHR)</td>
<td>M Boyle</td>
<td>K Gerogiades, TO Afifi, K Bennett et al.</td>
<td>2012</td>
<td>2013</td>
<td>$100,00</td>
</tr>
<tr>
<td>Operating P. Martens (Sci, Tech, Energy &amp; Mines) - MRFF</td>
<td>P Martens</td>
<td></td>
<td>Mar 2007</td>
<td></td>
<td>$500,000.00</td>
</tr>
<tr>
<td>Pat Martens Chair in Applied Public Health - Canadian Institutes of Health Research (CIHR)</td>
<td>P Martens</td>
<td></td>
<td>Mar 2008</td>
<td>Feb 2013</td>
<td>$600,000.00</td>
</tr>
<tr>
<td>PATHS Equity for Children - Canadian Institutes of Health Research (CIHR)</td>
<td>P Martens</td>
<td>A Katz, M Brownell, R Fransoo, L Roos, N Roos et al.</td>
<td>Apr 2011</td>
<td>Mar 2016</td>
<td>$1,900,000.00</td>
</tr>
<tr>
<td>PATHS Equity for Children - Heart &amp; Stroke Foundation of Manitoba (Matching Funds)</td>
<td>P Martens</td>
<td>A Katz, M Brownell, R Fransoo, L Roos, N Roos et al.</td>
<td>Jul 2011</td>
<td>Jun 2016</td>
<td>$100,000.00</td>
</tr>
<tr>
<td>Grant Title</td>
<td>PI</td>
<td>Co-Pls</td>
<td>Start Date</td>
<td>End Date</td>
<td>Total Funds</td>
</tr>
<tr>
<td>-----------------------------------------------------------------------------</td>
<td>---------------------</td>
<td>---------------------------------------------</td>
<td>------------</td>
<td>----------</td>
<td>---------------</td>
</tr>
<tr>
<td>PATHS equity for children: a program of research into what works to reduce the gap for Manitoba’s children - Canadian Institutes of Health Research (CIHR)</td>
<td>P Martens</td>
<td>L Lix</td>
<td>Jun 2011</td>
<td>Jun 2016</td>
<td>$1,900,000.00</td>
</tr>
<tr>
<td>Phase II Towards Flourishing - PHAC</td>
<td>M Chartier</td>
<td>J Volk, M Cooper, D Embry, C Keyes, A Alix-Roussin, J Walker, R Santos, M Brownell</td>
<td>Feb 2011</td>
<td>Jan 2015</td>
<td>$2,584,085.00</td>
</tr>
<tr>
<td>Physician &amp; Renal Health Programs - Manitoba Health</td>
<td></td>
<td></td>
<td>Apr 2012</td>
<td>Mar 2013</td>
<td>$12,228,408.00</td>
</tr>
<tr>
<td>Population-Based Research in Two Important Areas of Public Health: Family Violence and Problem Gambling - Manitoba Health Research Council (MHRC) Establishment Grant</td>
<td>TO Afifi</td>
<td></td>
<td>2011</td>
<td>2015</td>
<td>$99,485.00</td>
</tr>
<tr>
<td>Rapid Impact Platform Program: Administrative database research in rheumatic diseases research and surveillance - Canadian Arthritis Network</td>
<td>S Bernatsky</td>
<td>L Lix</td>
<td>Apr 2011</td>
<td>Mar 2013</td>
<td>$57,205.00</td>
</tr>
<tr>
<td>Re-imagining long-term residential care: An international study - York University</td>
<td>P Armstrong</td>
<td>M Doupe</td>
<td>Apr 2010</td>
<td>Mar 2017</td>
<td>$6,000.00</td>
</tr>
<tr>
<td>Requirements for a “Good Death” in Hospice Care. Extension of KT supplemental knowledge translation grant to complete second volume of hospice and palliative care series with SUNY Press - Canadian Institutes of Health Research (CIHR)</td>
<td>H Coward</td>
<td>K Stajdahar, J Kaufert</td>
<td>Apr 2008</td>
<td>Mar 2013</td>
<td>$170,000.00</td>
</tr>
<tr>
<td>Research and community alliance for quality of life in long term care (The QOL Team) Saskatchewan Health Research Foundation</td>
<td>T Hadjistavropoulos</td>
<td>L Lix</td>
<td>Jan 2008</td>
<td>Jan 2013</td>
<td>$2,408,500.00</td>
</tr>
<tr>
<td>Research Development in Gender, Mental Health and Violence Across the Lifespan - Canadian Institutes of Health Research (CIHR)</td>
<td>H MacMillan</td>
<td>M Boyle, J Coben, H Herrman, D Stewart, C Wathen, TO Afifi et al.</td>
<td>2009</td>
<td>2013</td>
<td>$2,100.00</td>
</tr>
<tr>
<td>Resiliency and Networks</td>
<td>J Bartlett</td>
<td></td>
<td>Jul 2006</td>
<td>Mar 2013</td>
<td>$1,947,129.00</td>
</tr>
<tr>
<td>Grant Title</td>
<td>PI</td>
<td>Co-Pls</td>
<td>Start Date</td>
<td>End Date</td>
<td>Total Funds</td>
</tr>
<tr>
<td>----------------------------------------------------------------------------</td>
<td>---------------------</td>
<td>---------------------------------------------</td>
<td>------------</td>
<td>----------</td>
<td>---------------</td>
</tr>
<tr>
<td>Risk and vulnerability among new and young female sex workers in South India</td>
<td>M Becker</td>
<td></td>
<td>Feb 2010</td>
<td>June 2013</td>
<td>$20,000.00</td>
</tr>
<tr>
<td>Risk of colorectal cancer after a diagnosis of urogenital cancers: a population-based study - Manitoba Medical Sciences Foundation</td>
<td>S Mahmud</td>
<td>H Singh</td>
<td>Jan 2010</td>
<td>Dec 2013</td>
<td>$20,000</td>
</tr>
<tr>
<td>Role of long-term use of common medications in cancer prevention: A pharmacoepidemiologic research program - Manitoba Health Research Council (MHRC) Establishment Grant</td>
<td>S Mahmud</td>
<td></td>
<td>Jul 2011</td>
<td>Jun 2014</td>
<td>$100,000.00</td>
</tr>
<tr>
<td>Saskatchewan drug utilization and outcomes research team - Saskatchewan Ministry of Health Contract</td>
<td>D Blackburn, L Lix</td>
<td></td>
<td>Mar 2011</td>
<td>Mar 2012</td>
<td>$250,000.00</td>
</tr>
<tr>
<td>Scaling up HIV Prevention in Karnataka and Southern Maharashtra, Phase 2</td>
<td>S Moses</td>
<td>J Blanchard</td>
<td>Nov 2008</td>
<td>Mar 2014</td>
<td>$21,291,723 (USD)</td>
</tr>
<tr>
<td>Sentinel Network to Monitor Influenza Vaccine Effectiveness during Annual Outbreaks and Pandemics - Canadian Institutes of Health Research (CIHR)</td>
<td>D Skowronski</td>
<td>S Mahmud, P Van Caeseele, P Sawchuk et al.</td>
<td>Apr 2008</td>
<td>Mar 2014</td>
<td>$1,490,550</td>
</tr>
<tr>
<td>Small Area Estimation and Spatial Statistics - Natural Sciences and Engineering Research Council of Canada (NSERC)</td>
<td>M Torabi</td>
<td></td>
<td>2011</td>
<td>2016</td>
<td>$70,000.00</td>
</tr>
<tr>
<td>Small Area Estimation and Spatial Statistics - Natural Sciences and Engineering Research Council of Canada (NSERC)</td>
<td>M Torabi</td>
<td></td>
<td>2011</td>
<td>2016</td>
<td>$70,000.00</td>
</tr>
<tr>
<td>Start-up Fund</td>
<td>M Torabi</td>
<td></td>
<td>Jul 2010</td>
<td>Jun 2013</td>
<td>$75,000.00</td>
</tr>
<tr>
<td>Statin use and the risk of prostate cancer risk: a population-based case-control study - Manitoba Health Research Council (MHRC)</td>
<td>S Mahmud</td>
<td>A Aprikian, R Platt, H Singh</td>
<td>Jul 2011</td>
<td>Jun 2014</td>
<td>$56,480</td>
</tr>
<tr>
<td>Grant Title</td>
<td>PI</td>
<td>Co-Pls</td>
<td>Start Date</td>
<td>End Date</td>
<td>Total Funds</td>
</tr>
<tr>
<td>-----------------------------------------------------------------------------</td>
<td>-----------------------------</td>
<td>----------------------------------------</td>
<td>------------</td>
<td>----------</td>
<td>--------------</td>
</tr>
<tr>
<td>Strengthening Health Literacy among Indigenous people living with cardiovascular disease</td>
<td>M Anderson Decoteau</td>
<td></td>
<td>May 2010</td>
<td>Apr 2014</td>
<td>$143,160.00</td>
</tr>
<tr>
<td>Structures and processes of care in colorectal cancer surgery (SPoCCS) study - Canadian Institutes of Health Research (CIHR)</td>
<td>D Urbach, University of Toronto</td>
<td>L Lix</td>
<td>Aug 2008</td>
<td>Jul 2013</td>
<td>$1,047,225.00</td>
</tr>
<tr>
<td>Substantiated Reports of Child Maltreatment from the Canadian Incidence Study of Reported Child Abuse and Neglect (CIS-2008): An Examination of Co-occurring Types of Maltreatment, Child Health and Functional Impairment, and Perpetrator Vulnerabilities - Manitoba Health Research Council (MHRC) Operating Grant</td>
<td>TO Afifi</td>
<td></td>
<td>2011</td>
<td>2014</td>
<td>$64,560.00</td>
</tr>
<tr>
<td>Support to African countries in the design and development of targeted HIV prevention programs</td>
<td>S Moses</td>
<td></td>
<td>Jan 2011</td>
<td>Mar 2013</td>
<td>$199,900.00</td>
</tr>
<tr>
<td>Temporal Trends and Sex Differences in acute myocardial infarction - Manitoba Health Research Council (MHRC)</td>
<td>R Fransoo</td>
<td></td>
<td>Jul 2010</td>
<td>Jun 2013</td>
<td>$51,580.00</td>
</tr>
<tr>
<td>The analysis of patient-reported outcome measures: Methods for response shift (PROM-RS) - Canadian Institutes of Health Research (CIHR)/Saskatchewan Regional Partnership Program</td>
<td>L Lix</td>
<td></td>
<td>Apr 2012</td>
<td>Mar 2014</td>
<td>$139,720.00</td>
</tr>
<tr>
<td>The Canadian Cancer Society Junior Investigator Salary Award - Canadian Cancer Society</td>
<td>S Mahmud</td>
<td></td>
<td>Feb 2011</td>
<td>Jan 2014</td>
<td>$150,000</td>
</tr>
<tr>
<td>The Role of Established and Non-Traditional Risk Factors on Diabetes and Cardiovascular Disease</td>
<td>S Bruce</td>
<td>M Daniels, B Lavalle, L Elliott, N Riediger, G She, M Suh, M Torabi</td>
<td>Apr 2011</td>
<td>Mar 2013</td>
<td>$524,274.00</td>
</tr>
<tr>
<td>The science of data quality: Identifying research priorities - Canadian Institutes of Health Research (CIHR)</td>
<td>L Lix</td>
<td></td>
<td>Feb 2012</td>
<td>Jan 2013</td>
<td>$25,000.00</td>
</tr>
<tr>
<td>To influence global HIV prevention practice by disseminating widely the approaches and learnings from scaled HIV prevention interventions in India – Part 1</td>
<td>S Moses</td>
<td></td>
<td>Dec 2011</td>
<td>Sept 2014</td>
<td>$715,000 (USD)</td>
</tr>
<tr>
<td>Grant Title</td>
<td>PI</td>
<td>Co-Pls</td>
<td>Start Date</td>
<td>End Date</td>
<td>Total Funds</td>
</tr>
<tr>
<td>-------------</td>
<td>----</td>
<td>--------</td>
<td>------------</td>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td>To influence global HIV prevention practice by disseminating widely the approaches and learnings from scaled HIV prevention interventions in India – Part 2</td>
<td>S Moses</td>
<td></td>
<td>Dec 2011</td>
<td>Sept 2014</td>
<td>$435,000 (USD)</td>
</tr>
<tr>
<td>Uncertainty: A Case Study of Endovascular Treatment for Multiple Sclerosis</td>
<td>SM Driedger</td>
<td>M Brouwers, M Giacomini, J Hoch, RA Marrie, J Sisler, D Turner</td>
<td>2012</td>
<td>2015</td>
<td>$276,460.00</td>
</tr>
<tr>
<td>Understanding the biological, clinical, and psychosocial determinants of health outcomes in inflammatory bowel disease: A research program - Canadian Institutes of Health Research (CIHR)</td>
<td>C Bernstein</td>
<td>L Lix</td>
<td>May 2008</td>
<td>Apr 2013</td>
<td>$1,764,583.00</td>
</tr>
<tr>
<td>Use of Statins and prostate cancer risk and prognosis: A population based study - Canadian Institutes of Health Research (CIHR)</td>
<td>S Mahmud</td>
<td>A Aprikian, E Franco, R Platt, D Skarsgard, J Tonita, H Singh</td>
<td>Oct 2011</td>
<td>Mar 2015</td>
<td>$148,228</td>
</tr>
<tr>
<td>Utilization of health - Canadian Foundation for Fetal Alcohol Research</td>
<td>M Brownell</td>
<td>A Hanlon-Dearman, B Elias, D Chateau et al.</td>
<td>Oct 2011</td>
<td>Sept 2013</td>
<td>$50,000.00</td>
</tr>
<tr>
<td>Validation of administrative data diagnoses of chronic childhood arthritis in Saskatchewan - Saskatchewan Health Research Foundation</td>
<td>N Shiff, University of Saskatchewan</td>
<td>L Lix</td>
<td>Oct 2011</td>
<td>Sept 2013</td>
<td>$100,000.00</td>
</tr>
</tbody>
</table>
PUBLICATIONS

ACADEMIC PAPERS, BOOKS, BOOK CHAPTERS, REPORTS

2013

Adrien A, Thompson LH, Archibald CP, Sandstrom PA, Munro M, Emmanuel F, Blanchard JF. Translating knowledge from Pakistan’s second generation surveillance system to other global contexts. Sex Transm Infect. 2013 Jan 11 [Epub ahead of print].


Bell S, Menec VH. “You don’t want to ask for the help” The imperative of independence: Is it related to social exclusion? J App Gerontol (In press).


Bell S, Novek S, Menec VH. Age–Friendly Rural and Remote Communities and Places. Winnipeg, MB: Centre on Aging, University of Manitoba, 2013


Brennan SL, Leslie WD, Lix LM. Associations between adverse social position and bone mineral density in women aged 50 years or older: data from the Manitoba Bone Density Program. Osteoporosis International. 2013 Feb 22 [Epub ahead of print].


Leslie WD, Morin SN, Lix LM. Rate of bone density change does not enhance fracture prediction in routine clinical practice. Journal of Clinical Endocrinology & Metabolism (In press).


Mostaço–Guidolin LC, Towers SMJ, Buckeridge DL, Moghadas SM. Age distribution of infection and


Novek S, Menec VH, Tran T, Bell S. Exploring the Impacts of Senior Centres on Older Adults. Winnipeg, MB: Centre on Aging, University of Manitoba, 2013.


Palitsky D, Mota N, Afifi TO, Downs AC, Sareen J. The association between adult attachment style, mental disorders, and suicidality: Findings from a population–based study. The Journal of Nervous and Mental Disease (In press).


Sandhu S, Afifi TO, Amara F. Simple practical steps for delivering effective lectures to a large class. Journal of Community Medicine & Health Education (In press).


Sareen J, Henriksen CA, Bolton SL, Afifi


Thompson LH, Malik MT, Gumel A, Strome T, Mahmud SM. Emergency


2012


Kingston D, Heaman M, Fell D, Chalmers B, the Maternity Experiences Study Group of the Canadian Perinatal


PRESENTATIONS AND PUBLISHED ABSTRACTS

2013

Becker, M, Emmanuel, F, Isac, S, Khan, S, Lorway, R, McClarty, L, Blanchard, J, Balakireva, O, Bondar, T, Sazonova, Y,


Bruce SG. “Understanding the Gender Aspects of Tuberculosis: A narrative Analysis of the Lived Experiences of Women with TB in slums of Delhi, India”, Author: KB Khan. Centre for Global Public Health Journal Club; April 10, 2013.


Franoo R. Obesity, health status, and health service use: Expected and unexpected findings from a large, representative study in Manitoba. Department of Community Health Sciences Colloquium, University of Manitoba, Winnipeg, MB, February 13, 2013.


Henriksen, C.A., Raposo, S.M., Mackenzie, C., & Afifi, T.O. (2013). Time does not heal all wounds: Older adults who experienced childhood adversities are still at a greater risk for mood, anxiety, and personality disorders. Poster presentation at the 2013 Anxiety and Depression Association of America (ADAA), La Jolla, California, USA, April 4–7, 2013.

Hinds A, Distasio J, Martens P, Smith M. Health status and service use in homeless individuals with mental illness: Consistency between self–report and administrative health


Kliwer E V, Mahmud SM, Demers A, Lambert P, Templeton K, Harrison M. Quadrivalent HPV vaccination and the incidence of anogenital warts in Manitoba, Canada. San Juan, Puerto Rico: 28th International Papillomavirus Conference.


Lix L. Patient–Oriented research in Manitoba: Opportunities for Statisticians. Department of Community Health Sciences and George and Fay Yee Centre for Healthcare Innovation, January 31, 2013.


Menec VH. Dept. of Community Health Sciences (Colloquium series, Jan. 25, 2013, Winnipeg). “Age–Friendly Communities”

Mostaço–Guidolin LC. The nuts and bolts of Agent–Based Models for Infectious Disease Modelling. Winnipeg, Canada: University of Manitoba.


2012


Blanchard AK. CIHR Institute for Gender and Health Fall Institute October 2012, Montreal, QC.


Brownell M. Using linked data to study birth defects: Examples from the Manitoba Centre for Health Policy. 39th International Clearinghouse for Birth Defects Surveillance and Research (ICBDSR) and 10th Canadian Congenital Anomalies Surveillance Network (CCASN) Joint Annual Scientific Meeting 2012, Ottawa, ON, Oct 31, 2012 [invited].


Brownell M. How are Manitoba’s children doing? Presented at the Need to Know Team Meeting No. 34, Winnipeg, MB, June 18, 2012.


Brownell M. Using the data repository at the Manitoba Centre for Health Policy to study children’s health and developmental trajectories. Presented at the Manitoba Institute of Child Health Research Rounds, Winnipeg MB, May 24, 2012.


Gregory PA, Heaman ML. Factors related to women’s experiences and satisfaction with prenatal care. Canadian Institutes of Health Research, Institute of Gender and Health international conference: Advancing Excellence in Gender, Sex, and Health Research, Montreal, QC, October 29–30, 2012.


Heaman M. Maternal stress and poverty: Do they impact health service use and pregnancy outcomes? Dr.


Kaufert, J. “Ethical Issues in Inclusive Palliative Care for All” Annual Conference, Hospice and Palliative Care Manitoba, Winnipeg, MB. September


H1N1 Pandemic Vaccine in Manitoba, Canada. Winnipeg, MB, Canada.


Manitoba Centre for Health Policy Need to Know Team Meeting, Winnipeg, October 2012, “Community Water Fluoridation – the Public Health Perspective” (L. Elliott, K. Hai–Santiago and R. Gesell)


Martens PJ. Dress for Success in Manitoba: an orientation for CHS students to MCHP’s three pillars. Department of Community Health Sciences Orientation Sessions, Winnipeg, MB, September 5, 2012.

Martens PJ. Dressed for success in data linkage research relevant to policy and planning. ICES 20th Anniversary Celebrations. Toronto, ON, October 1, 2012. Invited Plenary.


Martens PJ. MCHP – a local resource, and international reputation (dressed for success). Government of Manitoba Industry, Energy and Mines (IEM)

Martens PJ. MCHP – Who we are and what we do. Manitoba Legislature Breakfast for Members of the Legislative Assembly (MLAs) and Deputy Ministers, Winnipeg, MB, October 9, 2012.

Martens PJ. MCHP – who we are and what we do. Visit by Australian Aboriginal health group (Telethon Institute, Aboriginal Health Council of WA, Mawarnkarra Health Service, Derby Aboriginal Health Service), Winnipeg, MB, October 11–13, 2012.

Martens PJ. MCHP – who we are and what we do. Visit by Swansea University, Wales and by Population Data BC groups. Winnipeg, MB, September 13, 2012.

Martens PJ. Mind the gap … over time! Cautions in measuring changes in health equity. Department of Community Health Sciences Colloquium Series, Winnipeg, MB, October 5, 2012.

Martens PJ. The Manitoba Centre for Health Policy: Dressed for success in data linkage research relevant to policy and planning. Accepted as an oral presentation (plenary) at the International Data Linkage Conference. Perth, AU, May 2–4, 2012.

Martens PJ. The Need To Know Team: Establishing a Robust and Sustainable Health Information Collaborative. Data Analytics for Healthcare annual conference, Toronto, ON, December 5, 2012. Invited plenary speaker.


Menec VH. Long–Term Care Association (Invited Presentation, May 15, 2012). “Mutual Respect: The Key to Excellence in Care”


at the 2012 Anxiety Disorders Association of America (ADAA), Arlington, VA, USA, April 12–15, 2012.


Spina V, Hamilton J, Menec VH. How
can age–friendly initiatives support community economic development? Perspectives from rural and remote places in Manitoba and across Canada, Canadian Association on Gerontology conference, Vancouver, BC, October, 2012


### CHS Colloquium Schedule 2012-2013

<table>
<thead>
<tr>
<th>Date</th>
<th>Name</th>
<th>Title of Presentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 14, 2012</td>
<td>Dr. S. Bruce, N. Riediger, K. Farquhar and K. Spence (U of M)</td>
<td>Developing a Diabetes Prevention Intervention in Sandy Bay Ojibway first Nation: Incorporating nutrition, physical activity, and stress mitigation</td>
</tr>
<tr>
<td>September 28, 2012</td>
<td>Dr. James Blanchard (U of M)</td>
<td>CGHP</td>
</tr>
<tr>
<td>October 5, 2012</td>
<td>Dr. Pat Martens</td>
<td>Mind the Gap...Over Time! Cautions in Measuring Changes in Health Equity</td>
</tr>
<tr>
<td>October 11, 2012</td>
<td>Daniel McAullay (U of M)</td>
<td>Leaving Hospital Against Medical Advice; who does it and what happens to them</td>
</tr>
<tr>
<td>October 12, 2012</td>
<td>Dr. A. Kraut (U of M)</td>
<td>Leaving Hospital Against Medical Advice; who does it and what happens to them</td>
</tr>
<tr>
<td>October 19, 2012</td>
<td>Georgette Nyembo (U of M)</td>
<td>Using Evidence to Inform Best Practice in Cancer Screening: A Cluster Randomized Trial of Invitation Letters for Cervical Screening</td>
</tr>
<tr>
<td>October 26, 2012</td>
<td>Kathleen Decker (U of M)</td>
<td>Using Evidence to Inform Best Practice in Cancer Screening: A Cluster Randomized Trial of Invitation Letters for Cervical Screening</td>
</tr>
<tr>
<td>November 2, 2012</td>
<td>Dr. Michelle Driedger (U of M)</td>
<td>TBA</td>
</tr>
<tr>
<td>November 9, 2012</td>
<td>Dr. R. Tate (U of M)</td>
<td>The Manitoba Follow-up Study: What’s Old, What’s New</td>
</tr>
<tr>
<td>November 19, 2012</td>
<td>Edge of Science and Medical Seminar Series - Dr. David Wilson</td>
<td>HIV prevention in 2012: something old, something new, something borrowed, something blue</td>
</tr>
<tr>
<td>November 30, 2012</td>
<td>Shereen Denetto &amp; Paula Miglardi</td>
<td>Community based research with a newcomer community in Winnipeg regarding the practice of female genital cutting (FGC) and perspectives on change</td>
</tr>
<tr>
<td>December 7, 2012</td>
<td>Roberta Stout, Prairie Women’s Health Centre of Excellence</td>
<td>Health and Safety Issues for Women in Mining</td>
</tr>
<tr>
<td>December 14, 2012</td>
<td>Jino Distasio &amp; Jitender Sareen (U of M)</td>
<td>At Home/Chez Soi</td>
</tr>
<tr>
<td>January 11, 2013</td>
<td>Dr. Tracey Galloway (U of M)</td>
<td>Human Biology And Health In Circumpolar Populations</td>
</tr>
<tr>
<td>January 18, 2013</td>
<td>Dr. Brenda Elais &amp; Tribal Collaborator (U of M)</td>
<td>Bad News? Good News! Our Perspective on the Health of First Nations in Manitoba</td>
</tr>
<tr>
<td>January 25, 2013</td>
<td>Dr. Verena Menec (U of M)</td>
<td>Age Friendly Communities</td>
</tr>
<tr>
<td>February 1, 2013</td>
<td>Margaret Haworth-Brockman, Prairie Women’s Health Centre of Excellence</td>
<td>RETHINKING WOMEN AND HEALTHY LIVING IN CANADA</td>
</tr>
<tr>
<td>February 8, 2013</td>
<td>Dr. Randy Fransoo (Manitoba Centre for Health Policy, U of M)</td>
<td>Obesity, health status, and health service use: Expected and unexpected findings from a large, representative study in Manitoba</td>
</tr>
<tr>
<td>February 15, 2013</td>
<td>Dr. E. Forget, A. Mudryj and S. Strobe (U of M)</td>
<td>Student Research at the Manitoba RDC with confidential Statistics Canada Survey Data</td>
</tr>
<tr>
<td>Date</td>
<td>Name</td>
<td>Title of Presentation</td>
</tr>
<tr>
<td>--------------------</td>
<td>-----------------------------------------------</td>
<td>---------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>March 1, 2013</td>
<td>Drs. Y. Emerson, K. Hahlweg, A. Durcan and Ms. M. Mackinnon (J.A. Hildes Northern Medical Unit, U of M)</td>
<td>The J. A. Hildes Northern Medical Unit: Honoring Indigenous Self-Determination in Medical Practice</td>
</tr>
<tr>
<td>March 8, 2013</td>
<td>MAFRA</td>
<td>Food Justice and Community Health: Lessons from Manitoba Experiences</td>
</tr>
<tr>
<td>Tuesday, March 12, 2013</td>
<td>Drs. Chencho Dorjee and Neyzang Wangmo, Kingdom of Bhutan</td>
<td>Bhutanese Health Care System</td>
</tr>
<tr>
<td>March 15, 2013</td>
<td>Dr. Lynn McIntyre (University of Calgary)</td>
<td>Using StatsCan datasets to uncover policy drivers of household food insecurity in Canada, 1994-2009 (Location: Theatre C)</td>
</tr>
<tr>
<td>March 22, 2013</td>
<td>MSR Award winners – 4 students (U of M)</td>
<td>Janelle Schneider, B.Sc., Jeffrey Tompkins, B.Sc., Bria Sharkey, B.Sc., Corey Thomas Veldman, B.Sc.</td>
</tr>
<tr>
<td>April 5, 2013</td>
<td>Dr. Lisa Avery (U of M)</td>
<td>1000 Days of Opportunity: Enhancing linkages between food security, nutrition and maternal newborn and child health to improve outcomes among vulnerable women and children in Kenya</td>
</tr>
<tr>
<td>April 19, 2013</td>
<td>Dr. Marni Brownell (U of M)</td>
<td>Putting the Pieces Together: Using the Population Health Research Data Repository to Study Children's Developmental Trajectories</td>
</tr>
<tr>
<td>May 3, 2013</td>
<td>Dr. Lisa Lix (U of M)</td>
<td>Measurement Error in Diagnoses from Administrative Health Data</td>
</tr>
<tr>
<td>May 10, 2013</td>
<td>Dr. Joseph Kaufert (U of M)</td>
<td>Magic, Metaphor and Ethics in Diverse Communities</td>
</tr>
<tr>
<td>Monday, May 13, 2013</td>
<td>Dr. John Lister (Coventry University, UK)</td>
<td>What's going on with Health Care in the UK?</td>
</tr>
</tbody>
</table>