



UNIVERSITY
OF MANITOBA | Faculty of
Medicine
Community Health Sciences

2010/11 MCHP ANNUAL REPORT



About the Manitoba Centre For Health Policy

The Manitoba Centre for Health Policy (MCHP) is located within the Department of Community Health Sciences, Faculty of Medicine, University of Manitoba. The mission of MCHP is to provide accurate and timely information to health care decision-makers, analysts and providers, so they can offer services which are effective and efficient in maintaining and improving the health of Manitobans. Our researchers rely upon the unique Population Health Research Data Repository (Repository) to describe and explain patterns of care and profiles of illness, and to explore other factors that influence health, including income, education, employment and social status. This Repository is unique in terms of its comprehensiveness, degree of integration, and orientation around an anonymized population registry.

MCHP complies with all legislative acts and regulations governing the protection and use of sensitive information. We implement strict policies and procedures to protect the privacy and security of anonymized data.

Members of MCHP consult extensively with government officials, health care administrators, and clinicians to develop a research agenda that is topical and relevant. This strength, along with its rigorous academic standards, enables MCHP to contribute to the health policy process. MCHP undertakes five major research projects every year under contract to Manitoba Health. In addition, our researchers secure external funding by competing for research grants. We are widely published and internationally recognized. Further, our researchers collaborate with a number of highly respected scientists from Canada, the United States, Europe and Australia.



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2010/11 highlights

April 28, 2010 – Dr. Patricia Martens wins the 2010 YMCA/YWCA Woman of Distinction Award for the Health & Wellness category

This award recognizes women who demonstrate the following characteristics: a role model, an advocate for women, a pioneering spirit, committed to her community, and an outstanding achiever. Dr. Patricia Martens was honoured in the category of Health and Wellness as the 2010 YMCA-YWCA Woman of Distinction for her work as a researcher and her work at MCHP.

May 10-13, 2010 – Dr. Noralou Roos Hall Foundation Lecture at 2010 CAHSPR Conference

One of Canada's most prestigious lectureships, the Emmett Hall Memorial Lectureship commemorates the father of Canadian Medicare with an annual address at the CAHSPR Conference. Sponsored by the Hall Foundation, the lecturer is nominated on the basis of outstanding contributions to the health ideals articulated by Justice Hall: equity, fairness, justice and efficiency.

Dr. Noralou Roos cofounded MCHP. She has been an Associate of the Canadian Institute for Advanced Research and holds a Canada Research Chair in Population Health. She was a member of the Prime Minister's Health Forum, the Medical Research Council, and the Interim Governing Council of the Canadian Institutes for Health Research. Her research interests include the use of administrative data for managing the healthcare and social services, and the relationship between healthcare and social service use and population health.

September 30, 2010 – Dr. Leslie Roos Elected as a Fellow of the Canadian Academy of Health Sciences

Election to Fellowship in the CAHS is considered one of the highest honours for individuals in the Canadian health sciences community. Fellows are elected by their peers in recognition of outstanding career accomplishments and exceptional leadership, creativity and commitment to advancing academic health sciences.

Dr. Leslie Roos cofounded the Manitoba Centre for Health Policy and helped create the Population Health Data Repository in the early 1990s. This population-based system allows researchers to examine the social determinants of health and the efficacy of the healthcare system. A revolutionary concept that helped transform research using data routinely collected by multiple ministries, the repository continues to lead to important findings in health policy and prevention. Scholars across Canada and around the world have since followed Drs. Les and Noralou Roos' groundbreaking research.

October 1, 2010 - Dr. Randy Fransoo Awarded the Gerry McDole Professorship in Improved Healthcare Delivery to Rural, Remote, and Underserved Populations of Manitoba

This three-year salary award supports deserving new academic faculty members in the Faculty of Medicine at the University of Manitoba for research in health service delivery and/or health policy development with the goal to improving the delivery of healthcare services to rural, remote and underserved populations of Manitoba. Dr. Randy Fransoo's was recognized with a \$150,000 award for his work in creating and fostering the application of policy-relevant population health research in all Regional Health Authorities in Manitoba.

October 26, 2010 – MRIF Funding to Match CFI Award

The Manitoba Centre for Health Policy was awarded \$1,453,776 by Manitoba Government for its “LEADERS” Initiative: Leading-Edge Access and Data Enhancement Research Strategy. This funding matched the \$1,453,776 award given to MCHP from the Canada Foundation for Innovation Leading Edge Fund.

The Manitoba Research and Innovation Fund (MRIF), as part of MCHP’s second CFI grant (the first being in 1999), will help researchers by expanding datasets in the Population Health Research Data Repository, housed and maintained in MCHP’s data laboratory. It is also funding six pilot remote access sites, as well as an extensive renovation to an existing site used by graduate students and external researchers. The funding is designated to provide equipment and infrastructure needs for researchers’ investigations in population and public health.

November 10, 2010 — A Sad Goodbye to Evelyn Shapiro

Manitobans and Canadians alike owe Evelyn Shapiro a note of gratitude for her prudence and determination in implementing home care. It’s because of her that as Canadians age they’ll have the ability to be cared for at home with the support of provincial health programs. Evelyn, a recognized scholar in gerontology, research scientists at MCHP, professor at the University of Manitoba for more than 20 years, and the individual most widely regarded as the mother of home care in Canada died November 10, 2010. She was 84.

Evelyn had great influence at MCHP, challenging her colleagues to apply their research in ways that would directly affect the people and programs they were studying. She was known for asking important questions surrounding effectiveness and efficiency, and designed and undertook research to answer those questions.

Her generosity emphasized her belief that research can help improve the lives of others, a belief which lives on in an endowed scholarship she established on February 10, 2004. The Evelyn Shapiro Health Services Research Award provides support to graduate students whose thesis research uses the Population Health Research Data Repository housed at MCHP. The first award was presented in 2007 and has been given annually since then.

Donations to this endowment fund can be made in Evelyn’s name. For more information please visit:
http://umanitoba.ca/admin/dev_adv/donate_now/index.html

February 2, 2011 — Healthcare Policy Special Issue: Going for the Gold: Celebrating 20 Years of Experience in Population-Based Research in Manitoba and Beyond

In March 2010, the Manitoba Centre for Health Policy celebrated its 20th Anniversary with an international conference in Winnipeg. The conference was a celebration of challenges, successes, past, and future, with a wide range of topics presented and discussed over two days. As a way to capture the share the knowledge with those who were not able to attend, and as an extended description of the history of MCHP, a special edition supplement in the journal, *Healthcare Policy* was made publicly available.

Download the supplement here: http://www.umanitoba.ca/faculties/medicine/units/community_health_sciences/departamental_units/mchp/other_reports.html.

February 18, 2011 — Policy in Action

The province of Manitoba is investing in long term care on a number of levels, including enhanced access to home care, more affordable supportive housing options, and expansion of personal care homes. Health Minister Theresa Oswald and Premier, Greg Selinger made the announcement based, in part, with results from the MCHP report, *Population Aging and the Continuum of Older Adult Care in Manitoba*, with principal investigator, Dr. Malcolm Doupe. “The MCHP report is a vital planning tool and will help us provide the best possible care, based on each individual’s need,” said Premier Selinger.

Download the report here: <http://mchp-appserv.cpe.umanitoba.ca/deliverablesList.html>.

March 7, 2011 — Dr. Patricia Martens named one of Manitoba's most admirable women

Local celebrity and Hot 103's morning drive co-host, Chrissy Troy highlighted a number of Manitoba women in honour of International Women's Day. Dr. Patricia Martens was chosen for research in health inequities and the health status of First Nations people in the province. She joins a bold group on the informal list including Evelyn Shapiro, Nellie McClung, Betty Havens, and Hannah Taylor.

March 31, 2011— Outstanding Workplace Initiative

MCHP was the first group / unit to be profiled by the University of Manitoba as part of its outstanding workplace initiative. The environment in the offices at MCHP were highlighted because of its contribution to health and social policy development in Manitoba and beyond. During interviews for the project staff said MCHP is a place where people are respected, where people have fun working in teams, where problems are tackled seriously, and where results are obtained.

Watch the profile here: <http://www.youtube.com/watch?v=r--a96JEuXo>.

The Canadian Network for Observational Drug Effect Studies: A National Collaboration

While not officially announced, MCHP has been named one of a handful of research centres across the country as part of this massive collaborative project. The Canadian Institutes of Health Research (CIHR) has provided \$17.5 million in funding to support the Canadian Network for Observational Drug Effect Studies (CNODES) through its Drug Safety and Effectiveness Network (DSEN) Initiative.

MCHP's linkable and data-rich environment gives the University of Manitoba a key role in CIHR's DSEN initiative. The project was established at CIHR in partnership with Health Canada as part of the Government of Canada's Food and Consumer Safety Action Plan and is intended to create an opportunity for researchers across Canada to help address prescription safety through national partnerships, ultimately providing crucial evidence to policy makers in the Canadian healthcare system.

Manitoba offers a unique collaboration for the CNODES project – with government and academic researchers working alongside each other. In total there are 13 key research scientists from the Manitoba node. Dr. Patricia Caetano is the Manager of Analysis, Interpretation, and Research within the Health Information Branch of Manitoba Health. She leads the project with MCHP's Director, Dr. Patricia Martens for the Manitoba portion of the national study. Dr. Noralou Roos also sits as an invited expert in this groundbreaking research.

Changes to MCHP Executive

Since 1999, Paulette Collins led the administrative charge at MCHP as the Chief Administrative Officer. In July, 2010 she officially left our offices. Fortunately for us she's just down the hall in her new role as Financial Administrator in the Department of Community Health Sciences. We were sad to see her leave but at the same time we share her excitement in the new opportunities presented to her.

Filling the void, John Dziadek takes on the role of CAO at MCHP. In the short time he's been here John has quickly climbed the steep learning curve. We're glad he's on board and are thankful for his input already.

The executive at MCHP expanded with the a new position as well. Charles Burchill is now the Associate Director, Data Access & Use. He's been with the Centre since 1992 and as such, Charles is an incredible source of information.

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MCHP Vision Mission & Values

Vision

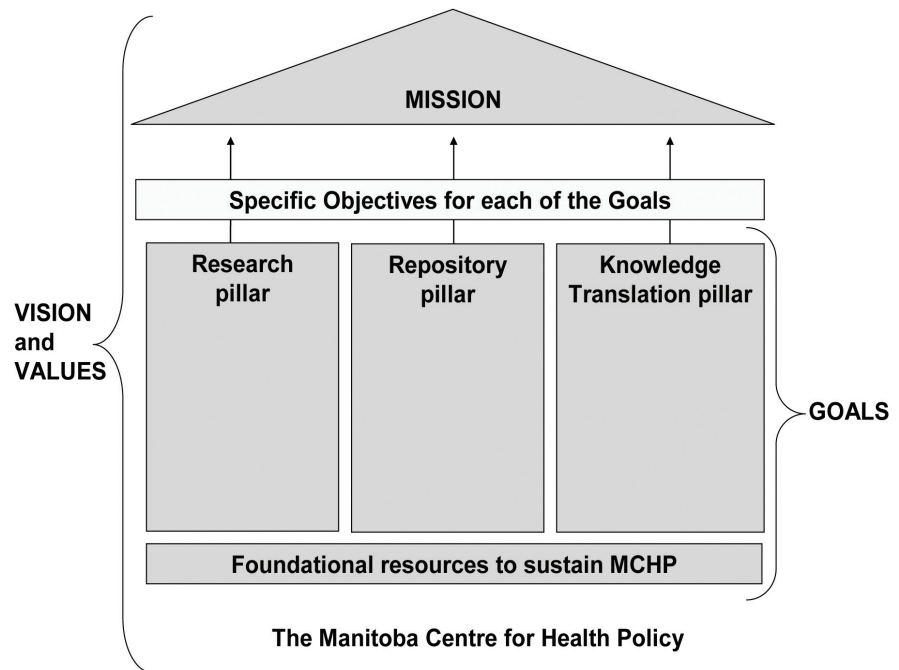
The Manitoba Centre for Health Policy sets the international standard for using population-based secondary data to create new knowledge that informs health policy, social policy and service delivery.

Values

Innovation and Excellence
Collaboration and Teamwork
Social Relevance and Stewardship

Mission

The Manitoba Centre for Health Policy (MCHP) is a research centre of excellence that conducts world class population-based research on health services, population and public health, and the social determinants of health. MCHP develops and maintains the comprehensive Population Health Research Data Repository on behalf of the Province of Manitoba for use by the local, national and international research community. MCHP promotes a collaborative environment to create, disseminate and apply its research. The work of MCHP supports the development of policy, programs and services that maintain and improve the health of Manitobans.



Message from the Director

As I flip through the events and accomplishments from the past year I'm reminded of the great resources MCHP has. There's the Repository of course that allows us to find what makes the population of Manitoba tick. We're able to connect the dots between so many different indicators and explore the links between so many different variables, I feel truly honoured to work in such an environment. All of this couldn't have been done without MCHP's founders, Drs. Les and Noralou Roos who continue to receive praise for their innovation and foresight. Thanks to our recent CFI Leading Edge Fund we're able to expand the Repository, and thus redefine what it means to be healthy. Our relationship with Manitoba Health and a growing list of government departments has become a model for population health and health services research.

All of this work takes teams of people to produce. One of the resources I'm most proud of is the people at MCHP. The perseverance and dedication of all staff at MCHP leads to the results of our reports. From support staff to data analysts to researchers — everyone here plays a huge role in our success and I'm ever so grateful for their contributions and I'm looking forward to seeing what comes out of it all next year.

There are a number of individuals I wish to thank for their continued commitment and support. Please accept my apologies for anyone that may have been overlooked.

- Deans of Medicine this fiscal year, Dr. Brian Postl and Dr. Dean Sandham
- Department Head for Community Health Sciences, Dr. Sharon Macdonald who now takes the role of Chair for our Advisory Board
- Members of our Advisory Board
- Minister and Deputy of Health, Theresa Oswald and Milton Sussman
- Minister and Deputy of Healthy Living, Jim Rondeau and Jan Sanderson
- Minister and Deputy of Education, Nancy Allan and Gerald Farthing
- Minister and Deputy of Family Services, Gord Mackintosh and Grant Doak
- Minister and Deputy of Innovation, Energy and Mines, Dave Chomiak and John Clarkson
- Deborah Malazdrewicz, Executive Director of Health Information Management, Manitoba Health
- Healthy Child Manitoba, Jan Sanderson and Rob Santos
- Healthy Child Committee of Cabinet
- Numerous individuals who have provided input and feedback for our deliverables, especially those who have served tirelessly on our advisory groups or as part of deliverable research teams
- All MCHP research scientists and support staff who ensure the success of MCHP



Patricia J. Martens

Director, Manitoba Centre for Health Policy;

CIHR/PHAC Applied Public Health Chair; Professor, Department of Community Health Sciences, Faculty of Medicine, University of Manitoba

research

Deliverables

The Manitoba Centre for Health Policy works under a five-year grant with Manitoba Health to produce five major research projects (called deliverables) annually, plus knowledge translation events that ensures the research is understood by policy-makers and planners. These reports deal with health and social issues that can best be answered using data from the Population Health Research Data Repository which is developed, housed, and maintained at the MCHP data laboratory. Topics are jointly decided upon by MCHP's director and the Minister of Health.

All released deliverables, including the full reports, four-page summaries, and in some instances data extras, are freely available on the MCHP website: <http://umanitoba.ca/medicine/units/mchp/>

Below is a list of MCHP deliverables with status as of March 31, 2011.

Publicly Released Deliverables

Population Aging and the Continuum of Older Adult Care in Manitoba (February 2011)

Doupe M, Fransoo R, Chateau D, Dik N, Burchill C, Soodeen R, Bozat-Emre S, Guenette W

Health regions in Manitoba are at various stages of population aging, and projected growth in the number of 75+ year-olds, the predominant personal care home (PCH) users, will vary tremendously across the province. The analyses in this report indicate PCH use will increase modestly in Manitoba until about 2020/21. Shortly after this time Baby Boomers will reach age 75 and by 2030/31, Manitoba may need 29.1% more PCH beds to cope with increasing older adult numbers. Manitoba has expanded its continuum of older adult care with supportive housing provided as an alternate to PCH use. This report provides a tool (LTCPEXP) for allocating people to these different areas. Using RAI-HC© data from Winnipeg, this tool correctly identifies, on average, 76.0% of home care, supportive housing, and PCH users. Use of this tool is important for ensuring that supportive housing fulfils its role as an alternate to PCH use, so people receive the best type of care to match their needs. Using a process called cluster analysis, this research creates a tool (LofCEXP) for describing PCH residents' needs, at least in the WRHA. By combining this strategy with provincial PCH projections, some evidence is also provided to help planners prepare for the future.

Pharmaceutical Use in Manitoba: Opportunities to Optimize Use (December 2010)

Raymond C, Metge C, Alessi-Severini S, Dahl M, Schultz J, Guenette W.

This report provides a snapshot of prescribing across several categories of medications for all Manitobans over an 11-year period (1997/98-2008/09). It describes a population-based profile of utilization for antipsychotics and benzodiazepines and the related medications in older adults; medications and glucose test strips for diabetes mellitus; inhalers for asthma and chronic obstructive lung disease; and biologic agents to treat rheumatoid arthritis, inflammatory bowel disease, ankylosing spondylitis, and psoriasis. The report assesses a range of influences on medication utilization, such as patient sociodemographic factors and prescriber characteristics. Some literature suggests that, for a variety of reasons, these groups of medications are not always prescribed optimally. The report evaluates the impact of patient and prescriber characteristics on measures of optimal medication use based on recent literature and guidelines including: the use of inhaled or oral corticosteroids prior to the use of inhaled long acting beta agonists (LABA) for asthma, the use of LABA with concomitant inhaled or oral corticosteroids, avoiding the use of high dose second generation antipsychotics (SGAs) in older adults, and reserving higher cost new medications for diabetes mellitus as second line therapy.

Evaluation of the Healthy Baby Program (November 2010)

Brownell M, Chartier M, Au W, Schultz J

In 2001, the Healthy Child Manitoba Office introduced the Healthy Baby Program to improve birth and early outcomes for infants born to mothers with low socioeconomic status. The Healthy Baby Program consists of two components: a prenatal income supplement targeted at low-income women, and; community support programs available to all women from the prenatal period through to an infant's first birthday. This report examines the uptake of the Healthy Baby Program and how uptake differs across socioeconomic status and geographic region; and the impact of participation in the Healthy Baby Program on prenatal care, birth outcomes and infant outcomes. Outcomes analyzed include adequacy of prenatal care, birth weight, gestation, feeding status (breastfed or not), Apgar scores, hospitalizations in the first year, immunizations in the first year, and continuity of care.

Health Inequities in Manitoba: Is the Socioeconomic Gap in Health Widening or Narrowing Over Time? (September 2010)

Martens P, Brownell M, Au W, MacWilliam L, Prior H, Schultz J, Guenette W, Elliott L, Buchan S, Anderson M, Caetano P, Metge C, Santos R, Serwonka K

This deliverable provides information on 15 key indicators of health status in both rural and urban Manitoba, over time and by a measure of socioeconomic status (income quintiles). MCHP researchers looked at the distribution of disease, death and the use of preventive healthcare across income groups in Manitoba to provide useful information for various government reports on the health status of Manitobans in 2010. The research assisted in laying a foundation for further work on inequities using a variety of measures and determines the gap between income groups and compares these gaps over time. Of the 36 (18 rural and 18 urban), the socioeconomic gap widened over time for 18, remained similar for 17, and narrowed for only one indicator..

Physician Integrated Network Baseline Evaluation: Linking Electronic Medical Records and Administrative Data (August 2010)

Katz A, Bogdanovic B, Soodeen R

Electronic medical records (EMRs) help family doctors provide better care to their patients. Without these records it's difficult to measure what kind of care patients receive. Manitoba Health asked researchers at MCHP to look for patterns among groups of patients in the Physician Integrated Network (PIN). The PIN initiative aims to improve patients' access to doctors and interdisciplinary teams while creating a system to manage information more effectively so doctors can make

better decisions. The study found improvements in the use of electronic medical records by helping to define criteria for the use of standard fields. This allows doctors to make better use of their own EMRs and helps manage chronic conditions and the overall health of their patients. Family doctors can use information from EMRs to graph patients' health by measuring weight, blood pressure, and so on with each visit. The same techniques can be used to monitor chronic conditions such as diabetes and more importantly, measurements can be taken on how patients respond to treatment.

Profile of Metis Health Status and Healthcare Utilization in Manitoba: A Population-Based Study (June 2010)

Martens P, Bartlett J, Burland E, Prior H, Burchill C, Huq S, Romphf L, Sanguins J, Carter S, Bailly A

It's widely known that the health of aboriginal populations in Canada lags behind that of other Canadians. This collaborative study between Manitoba Health, MCHP and the Manitoba Metis Federation (MMF) examines the health of the Metis population of Manitoba with indicators such as physical illness, hospital services, educational success, and the use of social services. There are some good findings and some that indicate the need for combined efforts. This atlas report is being used as one critical source of information in ongoing discussions (knowledge networks) amongst MMF regions and regional health authorities which is being coordinated by the MMF.

The Additional Cost of Chronic Disease in Manitoba (April 2010)

Finlayson G, Ekuma O, Yogendran M, Burland E, Forget E

Researchers at the University of Manitoba compared the costs of healthcare for people with arthritis, asthma and chronic obstructive pulmonary disease (COPD), coronary heart disease, diabetes, and stroke over a two-year period. The report compares what it costs the province to provide healthcare to individuals with one of these conditions with individuals who do not have the condition. Spending on average for all Manitobans without one of the chronic condition studied is about \$4,000 per person over two years. Spending on Manitobans with a chronic condition is from twice as much for asthma and COPD to six times as much for people who have had a stroke. The report also breaks-down costs by looking at physician services, inpatient and day surgery, hospital care, prescription drugs, home care and nursing homes for each of these conditions. One of the most interesting findings of this research is that the cost of treating chronic disease is different throughout the province. After considering age, sex, and other influencing factors, people who were treated for similar conditions had different costs for healthcare depending upon where they lived. These differences are not caused by the actual cost of providing services because these values have been equalized - they're caused by using services differently. The report includes important information that will be useful for health and social policy makers in the province to determine the potential impact of healthcare costs for programs designed to reduce the incidence of chronic disease.

Deliverables Presented to Manitoba Health

Deliverables at this stage are in final draft form and the findings are shared by the lead researchers with Manitoba Health. MCHP researchers then work towards the final release versions of reports, revising them using input from external reviewers.

Manitoba Immunization Study

PI: Tim Hilderman, Co-PI: Alan Katz (Due to be released: Spring 2011)

There are now several years of data reflecting the efforts to reach high-risk groups - the elderly and those with chronic disease - through the adult influenza and pneumonia immunization program. Given this, it is possible to look at the coverage and impact of the immunization program. This deliverable would choose a subset of immunizations for adults and children (e.g., pneumonia and influenza; H1N1 and pertussis) and seek to more fully understand the scope and implications of coverage. The deliverable could ask questions such as:

- What is the MIMS data (as it exists today) telling us about coverage of target populations and outcomes? What health and health system outcomes are Manitoba's immunization programs having? Reduced mortality and morbidity? Reduced or increased health services utilization? Examples: Fewer hospitalizations? Longer lengths of stay in personal care homes?
- What is the potential power of the MIMS data, when linked with other administrative data, to conduct very sensitive adverse outcome analysis for rare events, which might be used to conduct vaccine safety analysis/research?
- How complete are children's MIMS data compared to the IMPACT database from the Health Sciences Centre?
- What are the implications of known data gaps in MIMS and which of those gaps might be most important to address from an outcomes, surveillance and research perspective?

There is an ongoing national initiative to examine adverse outcomes of flu immunization. This deliverable could be integrated into a Manitoba provincial/national initiative in the area of adverse outcomes.

Early Development Instrument (EDI)

PI: Rob Santos, Co-PI: Marni Brownell (Due to be released: Fall 2011)

This deliverable will focus on the Early Development Instrument (EDI), a population-based, community-level measure of children's development (physical, social, emotional, language, and communication), at the transition to school entry in Kindergarten (age 5 years). The EDI is collected province wide by all Manitoba public school divisions on behalf of the Healthy Child Manitoba Office (HCMO). This deliverable will build on previous and current MCHP deliverables, and research related to children (e.g., child health atlas, SES and educational outcomes, inequalities in child health, vulnerable children). It will include descriptive, correlational, and regression analysis using the EDI, such as SES gradients in EDI outcomes, predictors of EDI outcomes, and EDI trends over time. Analyses will focus on both the population level as well as vulnerable subgroups of children.

Ongoing Deliverables

Obesity and Healthy Living

PI: Randy Fransoo, Co-PI: Patricia Martens

Obesity is a major public health concern. The association of obesity with a variety of risk factors related to nutrition, physical activity and the social determinants of health has been well documented. Healthcare providers are already observing an increase in the incidence of chronic diseases (such as diabetes and hypertension) directly resulting from the increased prevalence of obesity in the population. In order to develop effective policy and intervention programs for obesity and related chronic diseases (including diabetes) information on risk and preventive factors related to obesity is crucial. Potential factors of interest are those shared by successive cycles of the cross-sectional component of the National Population Health Survey (1994, 1996, 1998) and in specific cycles of the Canadian Community Health Survey (2000, 2003, 2005). Risk/preventive factors may be drawn from broad themes such as alcohol use, body image, selected chronic conditions (e.g. diabetes, hypertension), food insecurity, healthcare utilization and access, mental health, nutrition, physical activity, smoking, preventive health behaviours, sociodemographic factors, and stress (e.g. mastery, self esteem, self-perceived stress). Associations between levels of BMI and risk/preventive factors may be examined using odds ratios, regression models, and other approaches. The scope of the deliverable is to include the analysis of provincial trends over a 10-year period (utilizing the 1995-2005 individual survey cycles), as well as the analysis of regional differences utilizing the combined cycles of the CCHS.

Assessing the Value of the Manitoba Housing Data

PI: Greg Finlayson, Co-PIs: Mark Smith, Patricia Martens

Housing is well understood to be an important determinant of health. The Province of Manitoba, through Manitoba Family Services and Housing, Manitoba Housing and Renewal Corporation and the Manitoba Housing Authority, has data about Manitobans who receive subsidized housing support. These datasets have been recognized as potentially very valuable sources of information to inform population health assessment and program planning and evaluation. This deliverable will involve the transfer of de-identified housing data sets to MCHP for the purpose of assessing the quality and usefulness of the data. The deliverable will produce a limited set of analyses demonstrating the analytic and research potential of Manitoba's housing data.

Exploring the ICU Datasets: A First Look

PI: Allan Garland, Co-PI: Randy Fransoo

Hospital care is the largest component of health resource use in the developed world, including Canada. It is widely believed that a large portion of hospital resources goes to caring for critically ill patients in Intensive Care Units (ICUs). The demand for ICU care is projected to rise as the population ages. However, there are no reliable, population-based data addressing care of the critically ill in Canada, or anywhere else. The two goals of this deliverable are to create the tool needed to accurately analyze critical care in Manitoba, and to begin those analyses. This tool will arise from merging two existing, population-based, ongoing, healthcare databases currently supported by Manitoba Health: (a) the clinical Manitoba ICU database (MICUDB) held by the Division of Critical Care Medicine at the University of Manitoba, and (b) the Population Health Research Data Repository held by the Manitoba Centre for Health Policy.

Profile of Immigrant Health Status and Healthcare Use Patterns

PI: Bosu Seo, Co-PI: Randy Fransoo

According to a recent Statistics Canada report, 1 in 5 Canadians is an immigrant today, a proportion unequalled since the 1930s when the country's population had grown with waves of emigrating Europeans. Now, the newcomers are more likely to be speaking Chinese. The number of immigrants in Manitoba have doubled between 2001 and 2006 over the previous four years. Filipinos continue to lead the immigration to Manitoba but there are also substantial numbers from India, China and Germany.

MCHP has been made aware of the potential of a federal immigration database linkage to Manitoba Health data. Discussions with some of the RHAs (including South Eastman RHA) have indicated the need for exploring the issue of immigrant health status, due to a high proportion of incoming immigrants to these regions. The national agency and Health Canada have been involved in the linkage of the immigrant dataset to three other provincial health data, and negotiations could begin to do a similar linkage in Manitoba. This deliverable would facilitate the linkage and would investigate preliminary patterns of health and healthcare use of immigrants compared to other Manitobans.

The Francophone Health and Healthcare Use Atlas

PI: Mariette Chartier, Co-PI: Greg Finlayson

According to the 2006 Census, 46,000 Manitobans' mother tongue is French and close to 104,000 Manitobans (9%) are bilingual. In recent discussions with Manitoba Health, Health Information Management, Community Health Assessment Unit, and the Francophone community, the importance of an RHA Indicators Atlas type of deliverable focusing on Francophones living in Manitoba was discussed. Indicators will be selected to mirror previous work at MCHP, including the RHA Indicators Atlas Update. Extensive work will be required to identify "Francophone" populations in the administrative databases using linkages with the Canadian Community Health Survey. This deliverable would assist in laying the foundation for planning initiatives both provincially and at the RHA level.

Perinatal Services & Outcomes in Manitoba

PI: Maureen Heaman, Co-PIs: Malcolm Doupe, Marni Brownell, Michael Helewa

Further analyses are necessary to expand on the descriptive analyses done by the Ministerial Working Group on Maternal / Newborn Services in 2005 and 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 early childhood development. General rates of full-term and pre-term births, stillbirths, and neonatal death rates should be measured and compared across regions of Manitoba and subsequently compared to national rates. A more in depth analysis of the demographic characteristics of women giving birth in Manitoba, the types of deliveries they are experiencing (ex. caesarean section vs. vaginal delivery), the types of anesthesia utilized, and the rate at which women are induced, should be examined. Also, the place of birth (home vs. hospital), and the type and location of the hospital (relative to the mother's region of residence) should be further described, as well as consideration of key perinatal risk factors (ex. alcohol use during pregnancy).

Exploring the Relationship Between Housing, Mental Health and Other Health and Social Factors

PI: Mark Smith, Co-PI: Greg Finlayson, Patricia Martens

This deliverable will link the Manitoba Housing data at MCHP with mental health and other datasets to explore the relationship between housing, mental health and other health and social factors. It will be used to inform policy discussions and the development of policies and programs related to the homeless and other disadvantaged populations. It is understood that this deliverable is contingent upon the acquisition and validation of Manitoba's housing data.

A Systematic Investigation of Manitoba's Provincial Laboratory Data for Population Health and Health Sciences Research (Cadham Laboratory Data)

PI: Lisa Lix, Co-PI: Mark Smith

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 will receive the historical datasets and conduct a systematic study to validate and document the datasets and evaluate their quality for research purposes. The intended outcome of this project is a summary assessment of the feasibility of using these data for population-based investigations.

How are Manitoba's Children Doing?

PI: Marni Brownell, Co-PIs: Mariette Chartier, Rob Santos

This is a deliverable for Manitoba Health and the Healthy Child Committee of Cabinet. It is meant to support or add value to the 2011 release of the legislated five-year Healthy Child Manitoba (HCM) report on the status of Manitoba's children with respect to the HCM Strategy. Priority will be accorded to identifying key indicators from the MCHP repository regarding the four cross-departmental outcome goals of The Healthy Child Manitoba Act: physical and emotional health, safety and security, successful learning, and social engagement and responsibility. Drawing from and building upon two recent MCHP children's deliverables, the Manitoba Child Health Atlas Update (CHA), and the Early Development Instrument (EDI), this deliverable will include longitudinal outcomes of several birth cohorts, including years 2000 and 2001 birth cohorts to Kindergarten and to Grade 3, and extended EDI and CHA analyses. Child Health indicators developed in the first rapid release deliverable on Health Inequities in support of the 2010 release of the legislated five-year Public Health report, will also be extended and included.

Understanding the Health System Use of Ambulatory Care Patients Referred for Specialist Consultation

PI: Alan Katz, Co-PI: Patricia Martens

The primary care renewal initiatives across Canada have recognized that outcomes in primary care are heavily dependent on factors outside the control of primary care itself. This has led to the use of process measures and related factors, which we will explore using statistical testing. For example, we plan to expand on previous MCHP research suggesting that access to and use of specialist care is highly dependent on area of residence. In addition, we plan to explore the factors surrounding implementation and support of inter disciplinary teams for the management of patients with chronic diseases. These inter disciplinary teams provide a key component of primary care renewal. Both of these realities are influenced by the type and frequency of specialist care patients receive. By understanding these relationships we hope to better understand primary care.

Research in Children's Health and Wellbeing

MCHP's research into children's health and wellbeing remains in the forefront—with a focus on at-risk kids, inequities and the social determinants of health and well-being. Several reports and journal articles have been published during the last year. MCHP research scientists have used population-based data from the Manitoba Departments of Health, Healthy Living, Youth & Seniors, Education and Family Services & Consumer Affairs to investigate the outcomes for children. Having population-based data on children at different stages of development, which are linkable across datasets and over time, allows researchers to gain a better understanding of factors associated with both positive and negative outcomes.

Ongoing Research Projects

MCHP Population-Based Child Health Research Fund

Dr. Marni Brownell is the recipient of the MCHP Population-Based Child Health Research Fund (2011-2015). This funding, an endowment from the Manitoba government, enables Dr. Brownell to continue her policy-relevant child health research at MCHP, focusing on the social determinants of child health. She takes a lead role at MCHP to ensure ongoing innovative approaches to population-based child health research.

Dr. Brownell was the lead PI on the MCHP deliverable "Evaluation of the Healthy Baby Program," released in November 2010 and co-PI with Lead Dr. Patricia Martens on the report "Health Inequities in Manitoba..." released in September 2010. She is currently involved in three MCHP deliverables that focus on child health:

- "How are Manitoba's Children Doing?" which she leads with co-PIs Drs. Mariette Chartier and Rob Santos
- "The Early Development Instrument in Manitoba" which she co-PIs with lead Dr. Rob Santos
- "Perinatal Services and Outcomes in Manitoba" which she co-PIs with lead Dr. Maureen Heaman.

In the period April 1, 2010-March 31, 2011, Dr. Brownell had 10 papers published which focused on, or included sections on, child health. She was also the co-editor of a special issue of the Canadian Journal of Public Health, "Taking a Social Determinants Perspective on Children's Health and Development." Dr. Brownell was lead author with co-authors Drs. Randy Fransoo and Patricia Martens on a chapter in the book, "The Social Determinants of Health in Manitoba," which was released in May 2010. She continues to collaborate with scientists locally (with colleagues at the University of Manitoba, the Manitoba FASD Centre and at Healthy Child Manitoba), nationally (with colleagues at the Hospital for Sick Kids, UBC, Queen's University, the University of Alberta and the University of Ottawa), and internationally (with colleagues in Australia, New Zealand, the UK, Sweden, and the US).

Investing in At-Risk Kids

Innovative policy options and programs targeting children and youths at risk for sub-optimal outcomes due to factors such as poverty and poor living conditions are required to help break the cycle of risk. Further research continues as MCHP Senior Research Scientists Drs. Noralou Roos, Marni Brownell, Leslie Roos and their collaborators at University of Western Australia, University of California, University of Alberta, and University of Calgary conduct ongoing analyses on these datasets. During the past year they presented this research to the following groups:

Local & National Government

The Senior Officials Steering Committee of the Intergovernmental Committee on Manitoba First Nations Health, Winnipeg, MB (November 17, 2010); Governmental Briefing to Healthy Child Manitoba, Winnipeg, MB (October 6, 2010); Governmental Briefing to Healthy Child Committee of Cabinet, Winnipeg, MB (September 20, 2010); Governmental Briefing to Minister and Deputy Minister of Health, Winnipeg, MB (September 10, 2010).

Other

United Way of Winnipeg, Cabinet Meeting (March 10, 2011); Student Services Administrators' Association of Manitoba conference, Brandon MB (December 2, 2010); National Child Day Forum 2010 Pre-conference Workshop, Winnipeg, MB (November 15, 2010); Manitoba Centre for Health Policy Rural and Northern Healthcare Workshop, Winnipeg, MB (October 27, 2010); Canadian Assn of Paediatric Health Centres/Canadian Paediatric Decision Support Network, Winnipeg, MB (October 17, 2010); Winnipeg Inner-City Stakeholders Meeting, Winnipeg, MB (September 27, 2010); The Canadian Public Health Association conference, Public Health in Canada: Shaping the Future Together, Toronto, ON (June 14, 2010); 2010 MCHP & WRHA Workshop, Winnipeg, MB (June 9, 2010); The Canadian Association for Health Services and Policy Research (CAHSPR) Annual Conference, Toronto, ON (May 11, 2010); Development 2010: A Canadian Conference on Developmental Psychology, Ottawa, ON (May 7, 2010); Vancouver Coastal Health, Vancouver, BC (May 5, 2010).

Dr. Noralou Roos is working with Dr. Sharon Macdonald, Department Head, Community Health Sciences on the Academic Enhancement Project—which aims to make the University of Manitoba more accessible to disadvantaged inner city children.

As a member of the United Way Advisory Board, Dr. Noralou Roos has been working on their new project: Peg—Developing a Community Indicators System. Based on broad consultation, including discussion and concurrence by Winnipeg school divisions, the Peg Steering Committee would like to include an indicator of high school graduation rate using the Ministry of Education data deposited at the Manitoba Centre for Health Policy.

Dr. Noralou Roos also sits on the Evaluation Subcommittee for the Point Douglas/Lord Selkirk Park Community Revitalization Project where the data on at-risk kids has become part of the discussion. She was also asked to join the Advisory Board of Pathways to Education Canada, a charitable organization that helps youth in low income communities graduate from high school and successfully transition to post-secondary education. She continues to work with community groups, business and government to bring research on at-risk kids to the policy table.

Research Collaborations

From a larger point of view, there is an ongoing need to take advantage of the capacity for longitudinal studies of child development. Over the next several years one of the goals is to facilitate such efforts by putting additional building blocks in place to conduct some of this research and to mentor new investigators — both in Manitoba and elsewhere — such as James Bolton, Jitender Sareen, Laurence Katz (Psychiatry), Shahin Shooshtari (Human Ecology), Ana Hanlon-Dearman (Pediatrics and Child Health), Susan Samuel (University of Calgary), Doug Jutte (University of California), and Lisa Strohschein (University of Alberta).

Dr. Leslie Roos is working with Julia Witt (Economics) and Randy Walld (MCHP) on a new paper entitled “Well-Being: Siblings, Neighbourhoods, and Gradients.” This paper compares sibling and neighbourhood correlations for three different outcomes among children in Manitoba to examine the extent to which each of these contribute to the outcomes. The results show that the sibling correlations are considerably higher for various different estimations; this is discussed in the context of other literature which largely shows similar findings.

Collaboration with Dr. Douglas Jutte, University of California, Berkeley

Dr. Doug Jutte is a Harvard and Stanford-trained pediatrician currently with the School of Public Health at the University of California, Berkeley. Collaboration with Dr. Jutte began in 2004 with work on the Apgar score and has included projects examining factors associated with the socioeconomic gradient in health and education. Recent publications include:

- Jutte D, Roos LL, Brownell M. Administrative Record Linkage as a Tool for Public Health Research. *Ann Rev of Pub Health* 2011;32:91-108.
- Jutte D, Roos N, Brownell M, Briggs G, MacWilliam L, Roos LL. The ripples of adolescent motherhood: Social, educational and medical outcomes for children of teen and prior teen moms. *Acad Pediatr* 2010;10(5):293-301.
- Jutte D, Brownell M, Roos NP, Schippers C, Boyce WT, Syme SL. Rethinking what's important: Biological versus social predictors of childhood health and educational outcomes. *Epidemiology* 2010;21(3):314-323.

Manitoba/Australia Ongoing Collaboration:

The relationship between MCHP and the Telethon Institute for Child Health Research in Perth, Australia began in 2004 when Professor Fiona Stanley visited MCHP as an RBC Financial Group Visiting Chair. Currently, Winnipeg and Perth house the leading experts of two of the cutting-edge data linkage centres in the world with data linkage capabilities at the population health level across multiple datasets and years.

Recent Updates:

Child Maltreatment in Manitoba: Using Hospital Discharge and Child Protection Data for International Comparisons of Trends.

- Dr. Marni Brownell, Dr. Melissa O'Donnell (Telethon Institute for Child Health Research), Dr. Ruth Gilbert (Centre for Evidence-Based Child Health in the UK), and other researchers from the UK, US, Australia, New Zealand, Sweden and Canada are co-investigators on this project. They recently submitted a manuscript to *The Lancet* based on the analyses of violent deaths, maltreatment-related hospitalizations and child protection agency involvement in 6 countries and are completing analyses for a second paper focusing on trends in and predictors of out-of-home care in Western Australia and Manitoba (the two states/provinces where population-based data are available). The analysis for this second paper should be complete by summer and a second manuscript submitted in the fall.
- Dr. Noralou Roos has been nominated for the Seventeenth 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 Emma Fuller, University of Western Australia). The article reviews lessons learned from the long term working relationship between academics and policy makers. The information-rich environment created in Manitoba has focused the attention of policy makers inside and outside the government on changing delivery patterns to meet the needs of at-risk groups. By demonstrating that differences in health outcomes across socioeconomic groups at birth are minimal and poor performance can be reversed with remedial training, the public policy debate has changed.
- Dr. Colleen O'Leary, NHMRC Post-Doctoral Research Fellow, National Drug Research Institute at the Curtin University, Perth, Australia visited MCHP. Dr. O'Leary was in Winnipeg to attend collaborative meetings regarding FASD research in Manitoba. Dr. O'Leary is a Senior Consultant on the Fetal Alcohol Spectrum Disorders: Development of a Screening and Diagnostic Instrument for Australia (FASD Project) at the Telethon Institute for Child Health Research in Perth. She has published her research on fetal alcohol syndrome in Australia in several medical journals.

Collaboration with the Manitoba FASD Centre

Drs. Marni Brownell and Noralou Roos have been working with Drs. Ab Chudley, Sally Longstaffe and Ana-Hanlon-Dearman from the Manitoba FASD Centre to study health, education and social service utilization in children with Fetal Alcohol Spectrum Disorder (FASD). The team is also using clinical data from the Manitoba FASD Centre and administrative data in the MCHP Repository to determine whether multiple administrative data sources can be used for FASD case ascertainment. Previous work with Dr. Don Fuchs from Social Work and Linda Burnside from Child and Family Services on the economic impact of FASD resulted in a 2009 report through the Centres of Excellence in Child Welfare and more recently in the following book chapter:

- Burnside L, Fuchs D, Marchenski S, Mudry A, De Riviere L, Brownell M, Dahl M. The impact of FASD: children with FASD involved with the Manitoba child welfare system. In EP Riley, S Clarren, J Weinberg & E Jonsson (Eds.). *Fetal Alcohol Spectrum Disorder: Management and Policy Perspectives of FASD*. Wiley-Blackwell, Weinheim, Germany: 2011

Grant Funded Research

Child Health and Socioeconomic Status: A New Approach. (Roos LL, Stabile M, Currie J, Roos N, Fransoo R, Seo B). Funded by: Partnership for America's Economic Success, SSHRC, CIHR, CIAR and the Manitoba Centre for Health Policy.

Child Maltreatment in Manitoba: Using Hospital Discharge and Child Protection Data for International Comparisons of Trends. (Brownell M, Gilbert R (University College London, UK), O'Donnell M (Telethon Institute for Child Health Research, Australia). Funded by the Manitoba Centre for Health Policy.

Combining Clinical Data on Fetal Alcohol Spectrum Disorder (FASD) With Administrative Data on Health, Education and Social Services: Exploring the Feasibility of Using Administrative Data to Identify Children with FASD. (Brownell M, Hanlon-Dearman A, Chudley A, Longstaffe S, Lix L, Roos N, Ridd D). Funded by the Manitoba Centre for Health Policy.

Combining Clinical Data on Fetal Alcohol Spectrum Disorder (FASD) With Administrative Data on Health, Education and Social Services: Analysis of Service Utilization. (Hanlon-Dearman A, Brownell M, Chudley A, Longstaffe S, Lix L, Roos N, Ridd D). Funded by: the Manitoba Institute for Child Health and the Manitoba Medical Services Foundation.

Morbidity and Mortality of Children and Adolescents in the Child Welfare System. Katz LY (PI), Roos N, Brownell M, Martens P, Enns MW, Kozyrskyj A, Elias B, Sareen J. Funded by the Winnipeg Foundation and the Health Sciences Centre Foundation, Winnipeg.

Early Identification of Families with Young Children at Risk: Evaluating a Public Health Screening Measure through the Use of NLSCY Data. (Dahinten SV, Arim R, Brownell M). Funded by the Canadian Institutes of Health Research.

Economic Impact of Children in Care with FASD. (Fuchs D, Burnside L, DeRiviere L, Brownell M, Marchenski S, Mudry A, Dahl M). Funded by the Public Health Agency of Canada.

Enhancing Surveillance of Pervasive Developmental Disorders in Canada. (Ouellette-Kuntz H, Brownell M, Shoostari S). Funded by: The Public Health Agency of Canada.

Monitoring Early Literacy Intervention in Manitoba. (Brownell M, Roos N). Funded by: Manitoba Education.

Maternal Distress and the Development of Atopic Disease in Children: Potential Pathways and Intervention. (Kozyrskyj A, Chartier M, Brownell M, Becker A, Letourneau N, Mandhane P). Funded by AllerGen NCE Inc. (Allergy, Genes, and Environment Network).

OSPREDY: Building Capacity for Research to Improve Health Services for Mothers, Babies and Children. (Jorm L, Roberts C, Preen D, Simpson J, Moorin R, Haines M, Bambrick H, Holman C; Mentor: Roos, NP. Funded by: The National Health and Medical Research Council (Government of Australia).

Predictors and Outcomes of Prenatal Care: Vital Information for Future Service Planning. (Heaman M, Martens PJ, Brownell M, Helewa ME). Funded by the Canadian Institutes of Health Research and the Public Health Agency of Canada.

Review of the Use of Mood and Behaviour Changing Medications in Children- and Youths in-Care. (Brownell M, Ambtman, R). Funded by: The Office of the Children's Advocate and CANManagement Consulting.

Success Despite the Odds: Identifying Factors that Promote Educational Success in High-Risk Adolescents. (Roos N, Brownell M, Roos L). Funded by the Social Sciences and Humanities Research Council.

The Health of Canadian Caregivers: Using Administrative Health Services Data to Understand the Determinants of the Health of Caregivers of Children with Chronic Health Problems. (Brehaut J, Kohen D, Rosenbaum P, Miller A, Lach L, Brownell M, McGrail K, Garner R, Arim RG, Guevremont A). Funded by the Canadian Institutes of Health Research.

The Interplay between Maternal Distress and Addiction on the Development of Childhood Asthma and Allergic Disease. (Kozyrskyj A, Chartier M, Brownell M, Becker A). Funded by the Norlien Foundation, Inc.

The Manitoba 10 Year Birth Cohort – Studying Long Term Outcomes Using Linked Databases. (Roos LL, Currie J, Stabile M, Oreopoulos P). Funded by Partnership for America's Economic Success, SSHRC, CIHR, CIAR and the Manitoba Centre for Health Policy.

Trajectories in Health and Use of Health and Social Services by Children with Developmental Disabilities: A Population-based Longitudinal Study. (Shooshtari S, Yu CT, Brownell M, Martens PJ, Mills R). Funded by: The Manitoba Health Research Council.

The Medical Home of Children and Youth in Canada. (Guttmann, A, Barwick M, Brownell M, Cohen E). Funded by the Canadian Institutes of Health Research.

New Funding Applications:

Academic Performance Among Children with Inflammatory Bowel Disease: A Population-Based Study. (Singh H, Bernstein C, Targownik L, Roos L, Blanchard J, Brownell M). Submitted to: The Canadian Institutes of Health Research.

Asthma Self-Management Interventions and Longitudinal Evaluation Strategies (A-SMILES). (To T, Barnett L, Boulet LP, Brownell M, Camp P, Carleton B, Chen Y, Dell, S, Ducharme FM, Gershon A, Gupta S, Kozyrskyj A, Levinson A, Licskai C, Loughheed D, Mayers I, McGhan S, Stanbrook M, Stanojevic S, Stephenson A, Subbarao P, Tamari I, Evans J, Garvey N, Latycheva O, Madeley C, Sutherland J). Submitted to: The Canadian Institutes of Health Research.

An Investigation of the Determinants of Infant Mortality in Manitoba First Nation Communities. (Eni R, Piotrowski C, Masuda J, Brownell M). Submitted to: The Canadian Institutes of Health Research.

Childhood Social Factors in Development – the CHILDSOC Project-1. (Roos LL, Bolton J, Brownell M, Jutte D, Katz L, Roos N, Samuel S, Strohschein L). Submitted to: The Canadian Institutes of Health Research.

Childhood Social Factors in Development – the CHILDSOC Project-2. (Roos LL, Brownell M, Roos N, Samuel S, Strohschein L, Jutte D) Submitted to: The Manitoba Institute of Child Health.

Increasing Use of Gastroesophageal Reflux Disease Drugs (GERDD) in Infants: Impact on Their Intestinal Microbiota. (Kozyrskyj A, Brownell M) Submitted to: The Canadian Institutes of Health Research.

Investigating the Association Between Interpregnancy Interval and Autism Spectrum Disorder using the Manitoba Centre for Health Policy's Data Repository. (Ouelette-Kuntz H, Brownell M, Flavin M, Lam YM, Roos L, Smith G) Submitted to: The Canadian Institutes of Health Research.

PATHS Equity for Children: A Program of Research into What Works to Reduce the Gap for Manitoba Children. (Martens P, Brownell M, Chartier M, Fransoo R, Katz A, Lix L, Metge C, Roos LL, Santos R, Bolton J, Doupe M, Hertzman C, Jutte D, Katz L, Raymond C, Roos N) Submitted to: The Canadian Institutes of Health Research.

Using Virtual Birth Cohorts in Information Rich Environments to Study Childhood Risk Factors of Early Onset Hypertension. (Samuel S, Roos LL, Brownell M, Hemmelgarn B, Klarenbach S, Ramsey C, Spreng S, Tonelli M). Submitted to The Canadian Institutes of Health Research.

Student Update:

Brenda Comaskey, PhD candidate—thesis topic: Maternal depression and early childhood education outcomes.

Brett Hiebert, MSc candidate—thesis title: Familial Aggregation of Childhood Health and the Socioeconomic Gradient of Disease: A Longitudinal Population-Based Sibling Analysis.

Janelle de Rocquigny, MSc candidate—thesis title: Manitoba's Francophone Children: What Determines EDI Scores?

Deepa Singal, PhD candidate—thesis title: "Investigating the characteristics and healthcare utilization of women who give birth to children with Fetal Alcohol Spectrum Disorder"

Lauren Yallop, PhD candidate—thesis topic: Attention-Deficit/Hyperactivity Disorder in Manitoba Adults: A Population-Based Study.

Note: All publications regarding child health research can be found in this report under: the publications, presentations and MCHP Deliverable sections.

MCHP Administered Research Grants

Canadian Foundation for Innovation

Martens, PJ, Katz A, et al. \$1,453,780, 2010-2014. "Leading Edge Access and Data Enhancement Research Strategy". Matching funds provided by MRIF.

Canadian Institutes of Health Research

Katz A. CIHR \$171,542. 2010 – 2011. "Canadian perspectives on the quality of Primary Health Care."

Martens PJ. CIHR/PHAC Applied Public Health Chair. \$925,000, 03/2008-02/2013. "What works at the population level? An Applied Public Health Chair program of research focusing on population & public health issues."

Martens PJ, Chochinov H. \$18,445.00. 2010 – 2012. "Addressing the Landscape of End-of-Life for Patients with Schizophrenia." CIHR Applied Public Health Chair and CancerCare Manitoba.

Martens PJ, Katz A, Brownell M, Santos R, Metge C. \$15,000, Nov. 2010 – March 2011. A Lol grant to write the full proposal: "PATHS Equity for Children: A program of research into what works to reduce the gap for Manitoba's children."

Martens PJ, Caetano PA, Alessi-Severini S, Chateau D, Katz A, Mahmud S, Metge C, Raymond C, Vercaigne L, Bugdan S, Targownik L. \$320,000, 2011-2015. "Canadian Network for Observational Drug Effect Studies (CNODES), Database Team"

S. Suissa. Dormuth CR, Henry DA, Levy AR, Martens PJ, Platt RW, Caetano P, Ernst P, Hemmelgarn B, Leloir J, Paterson J, Teare G. Amount: \$3,500,000 per year for 5 years. Total amount: \$17,500,000. Canadian Network for Observational Drug Effect Studies (CNODES). DSEN Collaborating Centre for Observational Studies.

Martens PJ, Caetano PA, Levy A, Sketris I. \$150,000, 2011-2015. "Canadian Network for Observational Drug Effect Studies (CNODES), Knowledge Translation Team"

Roos NP, Martens PJ, Cassels, AK, Hirst N, Driedger SM, Katz A, et al. \$467,800, 2009-2013. "Injecting evidence into Health Policy Coverage: 'KT'ing the Mythbusters." Matched grant with Manitoba Health Research Council.

Manitoba Education, Citizenship and Youth

Brownell M, Roos NP. \$40,000, 2009-2010. "Monitoring Early Literacy Intervention in Manitoba" contract.

Manitoba Health

Martens PJ. \$11,625,000, 04/2010–03/2015. Manitoba Centre for Health Policy five-year grant.

Manitoba Health Research Council

Fransoo R. MHRC \$42,670.00. 2010 – 2012. "Temporal Trends and Sex Differences in Acute Myocardial Infarction Incidence, Mortality and Treatments in Manitoba: 1979 to 2010."

Katz A. MHRC \$125,000.00. 2010 – 2011. "Impact of Policy Guideline Variation of Outcomes of Novel H1N1 Influenza in Aboriginal Communities in BC, MB, and ON."

Roos NP, Martens PJ, Cassels, AK, Hirst N, Driedger SM, Katz A, et al. \$467,800, 2009-2013. "Injecting evidence into Health Policy Coverage: 'KT'ing the Mythbusters.'" Matched grant with Canadian Institutes of Health Research.

Manitoba Medical Services Foundation

Hanlon-Dearman A, Brownell M, Chudley A. \$12,500 January 1 – December 31, 2010. "Combining Clinic Data on Fetal Alcohol Spectrum Disorder (FASD) with Administrative Data on Health, Education and Social Services." Matching funds with MICH.

Manitoba Institute of Child Health

Hanlon-Dearman A, Brownell M, Chudley A. \$12,500 January 1 – December 31, 2010. "Combining Clinic Data on Fetal Alcohol Spectrum Disorder (FASD) with Administrative Data on Health, Education and Social Services." Matching funds with MMSF.

Manitoba Research and Innovation Fund

Martens PJ, Katz A, et al. \$1,453,780, 2010-2014. "Leading Edge Access and Data Enhancement Research Strategy". Matching funds provided by CFI.

Public Health Agency of Canada

Chartier, M. \$72,246, June– November, 2010 "Towards Flourishing: Improving the Mental Health Among New Mothers in the Manitoba Families First Home Visiting Program", Phase I.

Chartier, M. \$2,584,085, 2011-2015 "Towards Flourishing: Improving the Mental Health Among New Mothers in the Manitoba Families First Home Visiting Program", Phase II.

Smith M, Fransoo R, Puchtinger R. \$9990, Mar – May 2010. "Examining the feasibility of using administrative data for stroke surveillance in Manitoba" contract.

Social Sciences and Humanities Research Council of Canada

Roos NP, Brownell M, Roos LL. \$103,097, 04/2007–04/2010. "Success Despite the Odds: Identifying Factors that Promote Educational Success in High-Risk Adolescents"

Tui'kn Partnership

Smith M, Baltes J. \$23,065, 2009 – 2010. "Telling our stories: Quantifying, documenting and articulating First Nations health information needs" contract.

Other Research Grants Accessing the Repository

These projects are not run financially or administratively through MCHP and may access data from other sources in addition to the Population Health Research Data Repository. They represent research from MCHP core scientists or external researchers using data from the Repository. (Listed in alphabetical order.)

Alessi-Severini S, Bolton J, Sareen J, Enns M. \$24,000; 2009-2010. Use of Psychotropic Medications in Manitoba: A Population-Based Study. HSCF.

Bartlett J. \$35,000; 2010 -2011. Ischemic Heart Disease (IHD) and Related Health Care Utilization in the Manitoba Metis Population. PHAC.

Bartlett J, Chen H, Martens PJ, Sanguins J, Cater S. \$35,000; 2009-2010. Diabetes and Related Health Care Utilization in the Manitoba Metis Population. PHAC.

Bartlett J, Cook C, Carter S, Martens PJ, Elias B. \$100,000; 2008-2010. Implementing and evaluating knowledge translation framework – using Metis specific health information to adapt Manitoba’s health programs & services to better meet Metis needs: The “Metis Need to Know Too” Project. CIHR KTA Local Researcher-User RFA.

Bernstein C. \$1,000.00; 2010-2011. Cause of Death of Persons with IBD and Their Matched Controls.

Birthwhistle, Rosser W. Lambert-Lanning A, et al. \$10,800,000; 2010-2014. Canadian Primary Care Sentinel Surveillance Network. Public health Agency of Canada.

Bolton B. \$30,000; 2010-2011. Physical Disease and the Risk of Suicide: A Study of the Manitoba Population. Thorlakson Fund.

Bolton JM, Sareen J, Martens PJ, Roos LL, Katz L, Elias B. \$137,296; 2010-2012. Consequences of suicide bereavement: A population-based study in Manitoba. CIHR.

Brehaut J, Kohen D, Rosenbaum P, et al. \$349,699; 2010-2013. The health of Canadian caregivers: Using administrative health services data to understand the determinants of the health of caregivers of children with chronic health problems. CIHR (Operating Grant).

Brownell M. \$23,800.00; 2010. Child maltreatment in Manitoba: Using hospital discharge and child protection data for international comparison of trends. RBC Financial Award.

Brownell M, Gilbert R, O'Donnell M. 2010-2011: \$21,000. Child Maltreatment in Manitoba: Using Hospital Discharge and Child Protection Data for International Comparison of Trends. Manitoba Centre for Health Policy.

Brownell M, Hanlon-Dearman A, Chudley A, et al. \$25,000; 2009-2011. Combining Clinic Data on Fetal Alcohol Spectrum Disorder (FASD) With Administrative Data on Health, Education and Social Services: Exploring the Feasibility of Using Administrative Data to Identify Children with FASD. Manitoba Centre for Health Policy.

Cook C, O'Neil J, Elias B, et al. \$583,333; 2007-2010. CIHR Application for a Manitoba NEAHR Program.

Dahinten SV, Arim R, Brownell M. \$76,936; 2009-2011. Early identification of families with young children at risk: Evaluating a public health screening measure through the use of NLSCY Data. Canadian Institutes of Health Research Operating Grant: Maternal and Child Health.

Distasio J. \$15,000; 2011-2012. Mental Health Commission of Canada (MHCC) Research Demonstration Project in Mental Health and Homelessness (Winnipeg): Repository Pilot Study. Mental Health Commission of Canada.

Distasio J (PI), Sareen J (Co-PI). Co-investigators: Thomson M, Bruce L, Martens PJ, et al. \$3,750,000; 2009-2013. Research Demonstration Project in Homelessness and Mental Health. Mental Health Commission of Canada.

Elias B, Martens PJ, O'Neil J, Mignone J. \$1,000,000; 2006-2011 Understanding and addressing health disparities in First Nations populations in Canada. Manitoba First Nations Health Report Card: A collaborative network project to reduce health disparities. Government Partners: AMC, Manitoba Health, FNIHB.

Elias B, Turner D, Bruce S, et al. \$1,495,213; 2007-2012. CIHR/CCMB Team in First Nations Cancer Research. Access to Quality Cancer Care for Manitoba's First Nations and Non-First Nations Population: Identifying issues, reducing risk and ensuring equitable access. Program: CIHR's New Emerging Team Grant- Access To Quality Cancer Care (CIHR AQC – 83508).

Elias B, Martens PJ, O'Neil J, Mignone J. \$1,000,000; 2006-2011. Manitoba First Nations Health Care Report: A Collaborative Network Project to Understand Health Disparities – Indicators of Population Health Status for Registered First Nations People Living in Manitoba.

Fransoo R. \$51,580; 2010-12. Temporal trends and sex differences in AMI incidence, mortality, and treatments in Manitoba, 1985-2010. Manitoba Health Research Council Operating Grant.

Fuch D, Brownell M, Chudley A, Longstaffe S, Burnside L, \$105,500; 2009-2011. Economic Impact of Children in Care with FASD. PHAC.

Garland A. \$32,000; 2011-2012. The Interface Between Chronic Inflammatory Disease and Critical Illness: A Pilot Study. HSC Foundation.

Green M, Katz A, Lavoie J, Kwong J. \$99,975; 2010-2011. Impact of policy guideline variation on outcomes of novel H1N1 influenza in Aboriginal communities in BC, Manitoba, and Ontario. CIHR.

Grynspan D, DelBigio M, Brownell M, Martens PJ, Smith M. \$12,000; 2009-2010. Building a pediatric autopsy database for the Province of Manitoba. Diagnostic Services of Manitoba.

Guttmann A, Barwick M, Brownell M, et al. \$94,402; 2010-2011. The Medical Home of Children and Youth in Canada Canadian Institutes of Health Research (KT Synthesis Grant).

Hanlon-Dearman A, Brownell M, Chudley A. \$25,000; 2009-2010. Combining Clinic Data on Fetal Alcohol Spectrum Disorder (FASD) With Administrative Data on Health, Education and Social Services: Analysis of Service Utilization. Manitoba Medical Services Foundation and the Manitoba Institute for Child Health.

Heaman M, Martens PJ. Co-investigators: Brownell M, Helewa M, Chartier M. \$100,000; 2009-2011. Predictors and outcomes of prenatal care: vital information for future service planning. CIHR Maternal & Child Health Operating Grant.

Heaman M, Brownell M, Doupe M. Perinatal Services and Outcomes in Manitoba. \$200,000; 2009-2012. Manitoba Health.

Heaman M, Kingston D, Brownell M, Santos R. \$30,000; 2010-2011. Pathways between Pre- and Post-natal Maternal Psychological Distress and Childhood Anxiety. Manitoba Institute of Child Health and the Children's Hospital Foundation of Manitoba (Operating Grant).

Jorm L, Roberts C, Preen D, et al. \$2,261,542; 2009-2014. OSPREY: Building capacity for research to improve health services for mothers, babies and children. National Health and Medical Research Council (Government of Australia).

Katz A, Lobchuk M, Martens PJ, et al. \$1,469,086; 2007-2012. CIHR / Cancer Care Manitoba Team in Primary Care Oncology Research. Access to Quality Cancer Care. CIHR New Emerging Team Grant.

Katz LY (PI), Roos N, Brownell M, et al. \$33,900; 2009-2010. Morbidity and mortality of children and adolescents in the child welfare system. Funded by the Winnipeg Foundation and the Health Sciences Centre Foundation, Winnipeg, MB.

Kozyrskyj A. \$50,000; 2010-2012. Maternal distress and the development of atopic disease in children: Potential pathways and interventions. AllerGEN NCE Inc.

Kozyrskyj A, Becker A, Mai XM, Ramsey C. \$288,000/year; 2005-2012. Adolescent Females, Obesity and Asthma: An Inflammatory State. CIHR Interdisciplinary Capacity Enhancement Program.

Lavoie JG, Thompson D, Wong S, et al. \$360,548; 2011-2014. Towards closing the gap: using evidence to identify the need for investments in primary health care services on BC First Nation reserves. CIHR Operating Grant.

Lesage A, Bland R, Crocker A, et al. \$290,000; 2010-2013. Context of the Mental Health Commission of Canada (MHCC) homeless initiatives in six cities: history of services, array of services, coordination/integration and costs of the 'de facto' severely mentally ill services system. CIHR.

Leslie B. \$9,999; 2010-2011. Proposed Framework for Feasibility Studies on Osteoporosis Surveillance Using Provincial/Territorial Administrative Data. PHAC.

MacDonald M, Hancock T, Paradis G, et al. 2010-2011. CIHR Meeting, Planning and Dissemination Grant, \$25,000. Ontario Agency for Health Protection and Promotion \$15,000, Public Health Agency of Canada \$10,000, Paradis Public Health Chair \$10,000, MacDonald Public Health Chair \$5,000, BC Centre for Disease Control \$3,000. Advancing Public Health Services Research in Canada: Developing a Pan Canadian Agenda.

Marrie RA, Bernstein C, El-Gabalawy H, et al. \$43,925; 2010-2012. The interface between chronic inflammatory disease and critical illness. Manitoba Health Research Council Operating Grant.

Martens PJ. \$14,280.00; 2010. KT'ing the Metis Health Atlas. CIHR Meetings, Planning and Dissemination Grant.

Martens PJ. \$11,625,000; 2010-2015. Grant to the Manitoba Centre for Health Policy for Research. Manitoba Health.

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Moghadas S, Pizzi N, Wu J, et al. \$94,750; 2009-2012. Evaluation of Mitigation Strategies for Pandemic Preparedness in Canada. CIHR.

Mutter T. \$12,300; 2010-2011. Incidence and Predictors of Serious Postoperative complications in Obstructive Sleep Apnea Patients: Retrospective Cohort and nested Case-Control Analyses of Clinical and Administrative Data. Evelyn Shapiro Award & Dept of Anesthesia.

Ramsey C. MHRC. \$25,000; 2010-2012. Statins and Outcomes from Influenza or Pneumonia.

Raymond C, Wazny L, Sood. \$500; 2010. A Response to Hepatitis B in a chronic kidney disease clinic. Manitoba Renal Program.

Roos LL. \$44,000; 2007-2015. Research Support Fund, University of Manitoba.

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Santos R, Brownell M. \$200,000; 2009-2011. The Early Development Instrument (EDI) in Manitoba. Manitoba Health.

Sheps S, Backman A, Barer M, et al. \$1,790,000; 2009-2015. Enhancing existing capacity in applied health services and policy research in Western Canada. Canadian Institutes of Health Research.

Sheps S, O'Neil J, Roos LL. \$1,687,500.00; 2006-2011. Western Regional Training Centre in Health Services Research, Western Regional Training Centre in Health Services Research.

Smith M (Co-applicant). \$15,000; 2010. Meeting Grant request for Canadian Network of Public Health Observatories. CIHR.

Smith M (Principle Applicant). \$200,000; 2009-2011. Exploring the Relationship Between Housing, Mental Health and Other Health and Social Factors. Manitoba Health.

Smith M (Co-applicant). \$3,750,000; 2009-2013. Research Demonstration Project in Homelessness and Mental Health (Winnipeg). Mental Health Commission of Canada.

Smith M (Principle Applicant). \$9,995; 2009-2010. Examining the Feasibility of Using Administrative Data for Stroke Surveillance in Manitoba. PHAC.

Smith M (Principal Applicant). \$9995; 2009-2010. Examining the Feasibility of Using Administrative Data for Cardiovascular Disease Surveillance in Manitoba. PHAC.

Smith M (Principal Applicant). \$9995; 2009-2011. Provincial/Territorial Administrative Databases for Surveillance of Asthma and COPD in Canada: Testing Feasibility of Revised Case Definitions. PHAC.

Smith M (Co-applicant). \$160,529; 2009-2013. Facilitating access to health data for research and planning in light of laws and ethical norms. CIHR.

Smith M (Co-applicant). \$1,460,779; 2008-2013. Health Care System Sustainability Through Longitudinal Efficiency: Improved Quality and Lower Costs. CIHR.

Smith M (Co-applicant). \$570,217; 2009-2012. Assessment of Hypertension Occurrence, Management and Outcomes in Canada. CIHR.

Smith M (Co-applicant). \$200,000; 2008-2010. Assessing the value of the Manitoba Housing Data. Manitoba Health.

Smith M (Co-applicant). \$546,000; 2008-2011. Partnership for Ongoing Impact Assessment of Academic Detailing. CIHR.

Smith M (Co-applicant). \$91,115; 2009-2011. Death Registrations in Nova Scotia: An Audit of Linked Administrative Databases. NSHRF.

Stuckel T, Bierman A, Glazier R, et al. \$1,496,035; 2008-2013. Health Care System Sustainability Through Longitudinal Efficiency: Improved Quality and Lower Costs. CIHR.

Suissa S, Platt R, Martens PJ, et al. \$17,500,000; 2011-2016. Canadian Network for Observational Drug Effect Studies (CNODES), Canadian Institutes of Health Research.

Torabi M. \$50,000; 2011-2012. Spatial Modelling of Incidence Rates in the Province of Manitoba. CIHR start up fund.

Wranik D, Katz A et al. \$13,500; 2010. Evaluating physician payment programs: Standardized framework and its application to two Provinces. LOI CIHR.

Ongoing or Completed MSc & PhD Theses Projects

Accessing the Repository

Bozat-Emre, S. "Temporal Association between Atypical Antipsychotic Medication Use and Falls among Personal Care Home Residents in the Winnipeg Regional Health Authority"

Burland, E. "The Evaluation of a Fall Management Program in a Personal Care Home (PCH)"

Carr, R. "The Process and Outcome of Psychiatric Deinstitutionalization in a Canadian City"

Chan, K. "The Impact of Universal Vaccination of Streptococcus Pneumoniae and Hemophilus Influenzae Type B: Looking at the Direct and Indirect ("Herd") Effects of Implementing a Universal Vaccination Program"

Cui, Y. "The Economic Evaluation of Manitoba Health Lines in Chronic Disease Management of Congestive Heart Failure"

Dart, A. "The Natural History of Youth Onset Type 2 Diabetes in a Cohort of Manitoba Children and Adolescents"

Finlayson, G. "Allocating Funds for Health Care to Manitoba Regional Health Authorities"

Heron, D. "Stress Response Patterns in Children who Develop Asthma Subsequent to Maternal Distress"

Khan, S. "Does Respiratory Tract Infection by Respiratory Syncytial Virus (RSV) in the First Two Years of Life Contributes to the Development of Asthma among Children in Manitoba"

Lam, K. "Who are the High Users of Health Care Services? Determinants and Stability of Health Care Expenditure Trajectories in Manitoba"

Ruth, C. "The influence of Socioeconomic Status on Morbidity in Late Preterm Infants"

Yallop, L. "Attention-Deficit/Hyperactivity Disorder in Manitoba Young Adults: A Population-Based Study"

knowledge translation

Each year one of the six MCHP deliverables is not a report, but instead encompasses all the activities surrounding knowledge translation. The Manitoba Centre for Health Policy researchers and staff carry out more of these activities than is common among most academic units. The following represents the areas of research knowledge translation done over the past year.

RHA Collaborative Research

The Need To Know Team Project

This project involves collaborative research by the Manitoba Centre for Health Policy, the eleven Regional Health Authorities, and Manitoba Health. High-level planners and decision-makers from each RHA are chosen by their CEOs to attend these meetings. Dr. Patricia Martens is the Director of the project, and Dr. Randy Fransoo is the Co-Director. The project was originally funded through the Canadian Institutes of Health Research, Community Alliances for Health Research Program (2001-2006) with Dr. Martens as the PI. Meeting expenses have been funded through a national CIHR KT Award (2007-2008), and through the CIHR/PHAC Applied Public Health Chair awarded to Dr. Martens (2008-2013), as well as the Gerry McDole Professorship Award in Improved Healthcare Delivery to Rural, Remote and Underserved Populations of Manitoba. The goals of this project are:

- To create knowledge directly relevant to the RHAs.
- To develop useful models for health information infrastructure, training, and interaction that will increase and improve capacity for collaborative research.
- To disseminate and apply health services and population health research to increase the effectiveness of health services and programs, and ultimately the health of RHA populations.

The Need To Know Team meets in Winnipeg three times a year for two days at a time. These meetings are designed to respond to the goals stated above 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 *The Need to Know* Team members act as facilitators for roundtable discussions on MCHP deliverables.

The Need to Know Team meetings (June 21-22, 2010; October 26, 2010; January 24-25, 2011) incorporated a variety of sessions designed to encourage two-way learning between researchers and planners/policy-makers. The meetings during the 2010/11 fiscal year included sessions on:

- Setting and updating goals and objectives for The Team
- The impact of *The Need to Know* Team
- An introduction to the Manitoba Health Strategic Plan
- Media training
- STI prevention strategies for Burntwood
- A review of content from the Canadian Community Health Survey
- Mincome—The Dauphin Experiment
- Homecare
- Income measures
- First Nations research update

The Need to Know Team is heavily involved in some deliverables. At present, they are the advisory group for the deliverable, “Exploring the Relationship Between Housing, Mental Health and Other Health & Social Factors.” The cooperation between researchers, policy makers, and healthcare planners makes this collaboration unique in that those in the front lines of healthcare who look for ways to make Manitobans healthy, have the ability to ask research questions to help address issues within the healthcare system. Reports discussed at meetings this fiscal year are:

- Exploring the Relationship Between Housing, Mental Health and Other Health and Social Factors
- A Systematic Investigation of Manitoba’s Provincial Laboratory Data for Population Health and Health Sciences Research (CADHAM Laboratory Data)
- Evaluation of the Health Baby Program
- Health Inequities in Manitoba: Is the Socioeconomic Gap in Health Widening or Narrowing over Time?

Many Team members also sit on advisory groups for other deliverables, bringing their unique RHA perspective.

Briefings

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. These groups include Departments of Healthy Living, Education; Family Services and Consumer Affairs; Housing and Community Development; Innovation, Energy and Mines; as well as the Manitoba Medical Association; College of Physicians and Surgeons of Manitoba; Regional Health Authorities; and Manitoba Patient Safety Institute. Numerous briefings continue post-release on many deliverables as dissemination of findings occurs and interest is generated. Researchers brief the Advisory Board on deliverables in progress and deliverable working group members are briefed throughout the project by research teams. As well, MCHP research forums take place on a bi-weekly basis to update MCHP research scientists and collaborators on the status of deliverables’ research, research methods and other Repository-related research. In addition, deliverables are often highlighted in the weekly Community Health Sciences Departmental Colloquium Series. Specific project briefings are listed below, however for a complete list of presentations given by MCHP research scientists, please view the Presentations section of this Annual Report.

Assessing the Value of the Manitoba Housing Data

- Preview — *The Need to Know* Team meeting, January 2011

A Systematic Investigation of Manitoba's Provincial Laboratory Data for Population Health and Health Sciences Research (CADHAM Laboratory Data)

- Preview — *The Need to Know* Team meeting, October 2010

Early Development Instrument

- Manitoba Health, October 2010
- Preview — 7th Annual Manitoba Centre for Health Policy and Manitoba Health Workshop, May 2010
- Preview — MCHP & WRHA Workshop, June 2010

Evaluation of the Healthy Baby Program

- Manitoba Health, June 2010
- Preview — MCHP & WRHA Workshop, June 2010
- Preview — 17th Annual MCHP Rural & Northern Healthcare Workshop, October 2010
- Preview — *The Need to Know* Team meeting, October 2010

Exploring ICU Datasets: A First Look

- Preview — 7th Annual Manitoba Centre for Health Policy and Manitoba Health Workshop, May 2010

Exploring the Relationship Between Housing, Mental Health and Other Health and Social Factors

- Preview — *The Need to Know* Team meeting, June 2011
- Preview — *The Need to Know* Team meeting, October 2010

Francophone Health and Healthcare Use Atlas

- Preview — 7th Annual Manitoba Centre for Health Policy and Manitoba Health Workshop, May 2010

Health Inequities in Manitoba: Is the Socioeconomic Gap Widening or Narrowing Over Time?

- Manitoba Health, July 2010
- Preview — 7th Annual Manitoba Centre for Health Policy and Manitoba Health Workshop, May 2010
- Preview — MCHP & WRHA Workshop, June 2010
- Preview — 17th Annual MCHP Rural & Northern Healthcare Workshop, October 2010
- Preview — *The Need to Know* Team meeting, October 2010

Population Aging and the Continuum of Older Adult Care in Manitoba

- Preview — *The Need to Know* Team meeting, January 2011
- Manitoba Health, June 2010

Manitoba Child Health Atlas Update

- Keynote Presentation — MCHP & WRHA Workshop, June 2010

Manitoba Immunization Study

- Manitoba Health, October 2010
- Preview — 7th Annual Manitoba Centre for Health Policy and Manitoba Health Workshop, May 2010

Manitoba RHA Indicators Atlas 2009

- Keynote Presentation — 7th Annual Manitoba Centre for Health Policy and Manitoba Health Workshop, May 2010

Obesity and Healthy Living

- Preview — MCHP & WRHA Workshop, June 2010
- Preview — 17th Annual MCHP Rural & Northern Healthcare Workshop, October 2010
- Preview — *The Need to Know* Team meeting, October 2010

Perinatal Services and Outcomes in Manitoba

- Preview — MCHP & WRHA Workshop, June 2010
- Preview — 7th Annual Manitoba Centre for Health Policy and Manitoba Health Workshop, May 2010

Pharmaceutical Use in Manitoba: Opportunities to Optimize Use

- MCHP Researcher Meeting, April 2010.
- Manitoba Health, August 2010
- Preview — 7th Annual Manitoba Centre for Health Policy and Manitoba Health Workshop, May 2010
- Minister of Health, Manitoba Health, December 2010.

Physician Integrated Network (PIN) Evaluation

- Preview — 7th Annual Manitoba Centre for Health Policy and Manitoba Health Workshop, May 2010

Profile of Metis Health Status and Healthcare Use in Manitoba: A Population-Based Study

- Keynote Presentation — 17th Annual MCHP Rural & Northern Healthcare Workshop, October 2010
- *The Need to Know* Team meeting, October 2010

RHA Atlas 2009

- Keynote Presentation — 7th Annual Manitoba Centre for Health Policy and Manitoba Health Workshop, May 2010

Use of ICU Datasets: A First Look

- Preview — 7th Annual Manitoba Centre for Health Policy and Manitoba Health Workshop, May 2010

Workshops

Part of the mandate of the Manitoba Centre for Health Policy is to ensure dissemination of its research in the form of a published report for each completed deliverable. To further disseminate these reports MCHP holds a minimum of two annual workshops in order to fulfil objectives in knowledge translation.

MCHP / Manitoba Health Annual Workshop

Every year the Manitoba Centre for Health Policy and Manitoba Health work together to put on a one-day workshop designed specifically for key policy planners and decision-makers at Manitoba Health. This year marked the seventh annual event and was held on May 14, 2010 at the Radisson Hotel in Winnipeg. For those working at the government level these annual knowledge translation workshops provide a refreshing point of view and give a sense of direction for policy development.

About 70 people were in attendance at this year's workshop which began with opening remarks from the Minister of Healthy Living, Kerri Irvin-Ross, and the Director of the Health Information Management Branch at Manitoba Health, Deborah Malazdrewicz.

The keynote presentation was given by Dr. Randy Fransoo on the Manitoba RHA Indicators Atlas 2009, a massive research project exploring the health of Manitobans using over 100 health-related indicators. Other highlights from the day include previews of upcoming MCHP research on immunization, the use of intensive care units, pharmaceutical use, early childhood development and perinatal health.

MCHP / WRHA Workshop

After somewhat of a hiatus, the Winnipeg Regional Health Authority and MCHP held another knowledge translation event on June 9, 2010 at the Radisson Hotel in Winnipeg. The day focused solely on child health with the keynote presentation by Dr. Marni Brownell on MCHP's Manitoba Child Health Atlas Update. Like similar events for Manitoba Health and the rural and northern regional health authorities, facilitated roundtable discussions followed the keynote presentation.

As a part of the agenda for the afternoon, MCHP researchers provided an overview of four research projects in various stages of completion. Dr. Martens presented snippets of a report she's leading on health inequities in Manitoba. Dr. Maureen Heaman shared information on research on perinatal services and their outcomes in the province. Presenting research into early childhood indicators, Dr. Rob Santos from the Healthy Child Office of Manitoba gave a preview of a forthcoming report. Dr. Brownell served double-duty this day — in addition to giving the keynote presentation she also gave a preview of the evaluation of the Healthy Baby Program.

MCHP Rural & Northern Healthcare Workshop

The 17th Annual MCHP Rural & Northern Healthcare Workshop was held on Wednesday, October 27 at the Fort Garry Hotel. Nearly 200 participants attended the day's events, including representatives from all ten regional health authorities outside Winnipeg, as well as from Manitoba Health, the Manitoba Metis Federation and graduate students from the Western Regional Training Centre. Representatives from the Canadian Institute for Health Information were also present.

This year's workshop focused on MCHP's Profile of Metis Health Status and Healthcare Utilization in Manitoba. This report was done in collaboration with the Manitoba Metis Federation and examined the health of the Metis population of Manitoba with indicators such as physical illness, hospital services, educational success, and the use of social services. Facilitated roundtable discussions on the report followed the presentation by Dr. Patricia Martens. 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.

In the Media

For the report: *The Additional Cost of Chronic Disease in Manitoba*, released April 21, 2010.

- Chronic disease costly for province. Jen Skerritt, Winnipeg Free Press. April 22, 2010.
- Chronic conditions costly. Richard Cloutier, CJOB, Winnipeg MB. April 21, 2010.

For the report, *Profile of Metis Health Status and Healthcare Utilization in Manitoba: A Population-Based Study*, released June 24, 2010.

- Metis people not as healthy as other Canadians. Nola Wuttunee, APTN National News. Winnipeg, MB. June 24, 2010.
- University of Manitoba researchers examine the health of Metis in Manitoba. Staff Writer, CanadianBusiness.com. June 24, 2010.
- Metis health study results troubling. Ross Romaniuk (QMI Agency), C-Health (chealth.canoe.ca). June 24, 2010.
- Metis more likely to have diabetes and die younger than other Manitobans. canadaeast.com (via Canadian Press). June 24, 2010.
- Metis less healthy than other Manitobans: report. CBC National News, CBC News Winnipeg (Radio, TV, cbc.ca). June 24, 2010.
- Higher Incidence Of Diabetes And Heart Disease in Metis. Richard Cloutier, CJOB. Winnipeg, MB. June 24, 2010.
- First of its kind study looks at Metis health. Susan Tymofichuk, CTV News Winnipeg. June 24, 2010.
- Shocking findings about health of Metis: Study. March MacMillan, CTV News Scarborough. June 24, 2010.
- Metis health concerns. Peter Chura / Eva Kovacs, Global National News, Global News Winnipeg, globalwinnipeg.com. June 24, 2010.
- Metis more likely to have diabetes and die younger than other Manitobans. Guelph Mercury via the Canadian Press. June 24, 2010.
- Study finds Manitoba Metis health problems. news.ca.msn.com via the Canadian Press. June 24, 2010.
- Metis more likely to have diabetes and die younger than other Manitobans. sympatico.ca via the Canadian Press. June 24, 2010.
- Metis suffering from poor health: report. Staff Writer, Winnipeg Free Press. June 24, 2010.
- MB. Metis less healthy: study. Ross Romaniuk, Winnipeg Sun. June 24, 2010.
- Study finds Manitoba Metis health problems. yahoo.ca via the Canadian Press. June 24, 2010.
- Metis leader rips governments for health gap shown in study. Jen Skerritt, Winnipeg Free Press. June 25, 2010.

For the report, *Physician Integrated Network Baseline Evaluation: Linking Electronic Medical Records and Administrative Data*, released August 11, 2010

- Manitoba Health aims to make better use of records. Rob Swystun, The Daily Graphic / Central Plains Leader, Portage la Prairie, MB. August 12, 2010.

For the report, *Health Inequities in Manitoba: Is the Socioeconomic Gap Widening or Narrowing over Time?*, released September 30, 2010.

- Health and wealth gap widens. Richard Cloutier, CJOB. Winnipeg, MB, September 30, 2010.
- Manitoba wealth gap widening: researchers. CTV Winnipeg, ctvwinnipeg.ca. September 30, 2010.
- Study finds income gap between rich and poor doubled over past 20 years. Staff Writer, mysask.com. via the Canadian Press. September 30, 2010.
- Illness that hits poor hard. Jen Skerritt, Winnipeg Free Press. September 30, 2010.
- Rich get richer, poor get poorer in Manitoba. Staff Writer, ca.news.yahoo.com. September 30, 2010.

- Fast Facts: The social and economic conditions that produce poor health. Jim Silver, Canadian Centre for Policy Alternatives. October 19, 2010.
- Diabetes group says crisis looming. Derek Abma, Winnipeg Free Press. December 31, 2010.

For the report, *Evaluation of the Healthy Baby Program*, released November 15, 2010

- Baby Program Getting Desired Results. Richard Cloutier, CJOB. Winnipeg, MB. November 15, 2010.
- Support for pregnant moms credited for healthier babies. Staff Writer, Winnipeg Free Press. November 16, 2010.
- Healthy Child Manitoba celebrates 10-year anniversary as Manitoba hosts national child day forum. Media release from the Government of Manitoba. November 17, 2010.
- Study finds Manitoba's Healthy Baby Program is effective. Chuthan Ponnampalam, The Manitoban. November 24, 2010.

For the report, *Pharmaceutical Use in Manitoba: Opportunities to Optimize Use*, released January 21, 2011.

- Study reveals increase in use of antipsychotic drugs on elderly. Staff Writer, canadaviews.com via Global News Winnipeg. January 21, 2011.
- Prescription use in Manitoba. CBC News Winnipeg / CBC Radio One. January 21, 2011.
- Antipsychotics and elderly in Manitoba Personal Care Homes. CTV Winnipeg. January 21, 2011.
- Study reveals increase in use of antipsychotic drugs on elderly. Global News Winnipeg. January 21, 2011.
- Care homes overmedicating seniors, study shows: Gerrard. Jen Skerritt, Winnipeg Free Press. January, 21, 2011.
- Study raises questions about prescription practices in Manitoba. Jessica Eggertson, The Manitoban. February 16, 2011.
- Study raises questions about prescription practices in Manitoba. Jessica Eggertson, Canadian University Press (<http://cupwire.ca/>) via The Manitoban. February 16, 2011.

For the report, *Population Aging and the Continuum of Older Adult Care in Manitoba*, released February 18, 2011.

- Province renews long-term care plan to meet growing demand for services. Government of Manitoba news release. February 18, 2011.
- New Research Helps Plan for Manitoba's Aging Population. canadaviews.ca. February 18, 2011.
- Manitoba to spend on seniors housing, home care. CBC News Winnipeg / CBC Radio One / cbc.ca/news. February 18, 2011.
- Province invests \$206-million in personal-care homes, supportive housing options. Global News Winnipeg / globalwinnipeg.com. February 18, 2011.
- Manitoba to spend on seniors housing, home care. news.ca.msn.com. February 18, 2011.
- Paper to help assess placement needs for seniors. Staff Writer, Winnipeg Free Press. February 18, 2011.
- Boost for seniors' assisted living. Paul Turenne, Winnipeg Sun. February 18, 2011.
- New seniors homes, more home care. Larry Kusch, Winnipeg Free Press. February 19, 2011.
- Manitoba to spend more on seniors housing, home care. news.yahoo.ca. February 18, 2011.
- Province building more care homes with aging population. Larry Kusch, Brandon Sun, Brandon MB. February 19, 2011.
- Province renews long-term care plan to meet growing demand for services. Steinbach Carillon / mySteinbach.ca, Steinbach, MB. February 21, 2011.
- Personal care home a reality. Staff Writer, Lac du Bonnet Leader. Lac du Bonnet, MB. February 24, 2011.
- New personal care home announced for region. Staff Writer, The Beausejour Review, Beausejour, MB. February 24, 2011.
- Long term plan to enhance personal-care home access in Manitoba announced. Staff Writer, The Neepawa Press. February 24, 2011.
- Manitoba revises long-term care plan. HealthEdition.com. February 25, 2011.

General stories where MCHP is mentioned

- RHA community assessment completed. Angela Brown (QMI Agency), The Carman Valley Leader. Carman, MB. April 2, 2010.
- Manitoba women honoured — YMCA-YWCA presents ten with awards. Staff Writer, Winnipeg Free Press. April 29, 2010.
- IRHA health check — 2010 Community Health Assessment Report released. Shane Gibson, The Stonewall Argus & Teulon Times. May 18, 2010.
- Health assessment provides road map. Jim Mosher, The Interlake Spectator. May 22, 2010.
- Martens PJ. Diabetes and Aboriginal people. Interview for CBC Radio One program, The Current, hosted by Anna Maria Tremonti, produced by Heba Aly. CBC Radio One. January 4, 2011.
- Martens PJ. Announcement of government to make the long form or the census a voluntary form. Interview for CMAJ with Roger Cullen. July 16, 2010.
- Mental Health: Poverty, Ethnicity and Family Breakdown. A report from The Centre for Social Justice, centreforsocialjustice.org.uk. February 2011.
- Fransoo R. Tipping the healthy scale. Interview The Uniter with Lauren Parsons. Winnipeg, MB. February 24, 2011.

Media Releases

Media release for the report: *The Additional Cost of Chronic Disease in Manitoba*, April 21, 2010

Media release for the report: *Profile of Metis Health Status and Healthcare Utilization in Manitoba: A Population-Based Study*, June 24, 2010

Media release for the report: *Physician Integrated Network Baseline Evaluation: Linking Electronic Medical Records and Administrative Data*, August 11, 2010

Media release for the report: *Health Inequities in Manitoba: Is the Socioeconomic Gap in Health Widening or Narrowing Over Time?*, September 30, 2010

Media release for the report: *Evaluation of the Healthy Baby Program*, November 15, 2010

Media release for the report: *Pharmaceutical Use in Manitoba: Opportunities to Optimize Use*, January 21, 2011

Media release for the report: *Population Aging and the Continuum of Older Adult Care in Manitoba*, February 18, 2011

Editorials

Better patient protection. Winnipeg Free Press editorial. November 2, 2010.

High-quality care. Dr. Alan Katz, Winnipeg Free Press letter to the editor. November 20, 2010.

Healthy Baby plan pays off. Winnipeg Free Press editorial. November 29, 2010.

Visitors

- Dr. Colleen O'Leary — NHMRC Post-Doctoral Research Fellow, National Drug Research Institute at the Curtin University, Perth, Australia. January, 2011.
- Dr. Marc André Gagnon — Research Fellow with the Pharmaceutical Policy Research Collaboration; Assistant Professor, Carleton University. December, 2010.
- Dr. John Frank — Chair in Public Health Research and Policy, University of Edinburgh; Professor, Dalla Lana School of Public Health, University of Toronto. June 30, 2010.
- Dr. Jim Dunn — Chair in Applied Public Health, CIHR; Associate Professor, McMaster University. February 26, 2011.

Research Resources

Ongoing development of the web-based resources and responsiveness to user needs are important for continuing to ensure the high level of research productivity and competitiveness in funding applications for which MCHP research scientists are known. Based on a Lupina-funded evaluation, the web-based resources maintained by MCHP were restructured to facilitate the access and use of this information-rich research environment.

The Population Health Research Data Repository continues to have its own section, but the research process is now distinguished from research methodology to facilitate data analysis. Administrative aspects such as obtaining access to the data and managing the project are separated from the documentation available to facilitate processing and analyzing the data.

In addition to updates in data infrastructure, MCHP executive expanded with another associate director to manage the new environment. With this change, Charles Burchill rolled-out a simplified but structured accreditation process as part of his new role, Associate Director, Data Access & Use.

Data Repository

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 healthcare and profiles of health and illness, facilitating inter-sectoral research in areas such as Health, Education, Social Services, and Justice (added in 2009). Summary descriptions for a significant number of the 96 databases housed at MCHP were completed last year and are available from the Data Repository section of the MCHP website. Expansion continued during the 2010/11 fiscal year with the remaining installation of administrative data (long term/home care assessment data, critical care/intensive care data, and housing data) as well as clinical data (alcohol/drug exposure data and the pediatric diabetes database) from the previous year. In addition, four new datasets were added during the 2010/11 fiscal year - they are Cadham Provincial Lab Data, Manitoba Housing and Community Development (Tenant Management System and Rent Supplements), Manitoba Family Services and Consumer Affairs Shelter Benefit Program, and the Manitoba Health Midwifery Database.

Applying for Access

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 — once the proposal is approved — for managing a project. All necessary forms to obtain access to the data, such as the MCHP Project Feasibility and Data Access Quote Request Form, are available in this section.

Over the 2010/11 fiscal year, 155 people were accredited for data access through the hard work of Charles Burchill. This new system was developed to maintain privacy and other standards according to the health Research Ethics Board and Personal Health Information Act. These new standards and guidelines are continuously updated and can be found on the MCHP website.

Research Tools

A series of tools has been developed at MCHP to permit application of a variety of theoretical frameworks, analytical techniques, statistical approaches and mapping tools appropriate for use with administrative databases. They are available from the *Data Repository* section of the MCHP website. The Concept Dictionary contains detailed operational definitions of variables or measures used in MCHP research and the Glossary documents terms commonly used in population health and health services research. An *Applying for Access* section outlines key elements relevant for the research plan, such as study design, eligibility criteria, data sources, study period, theoretical frameworks, and statistical tools.

Website

MCHP began monitoring website use in January 1998, using access logs from the University of Manitoba Apache WWW server. This approach permits counting the number of hits, page views, unique visitors, and other information regarding how and what was accessed on MCHP's website.

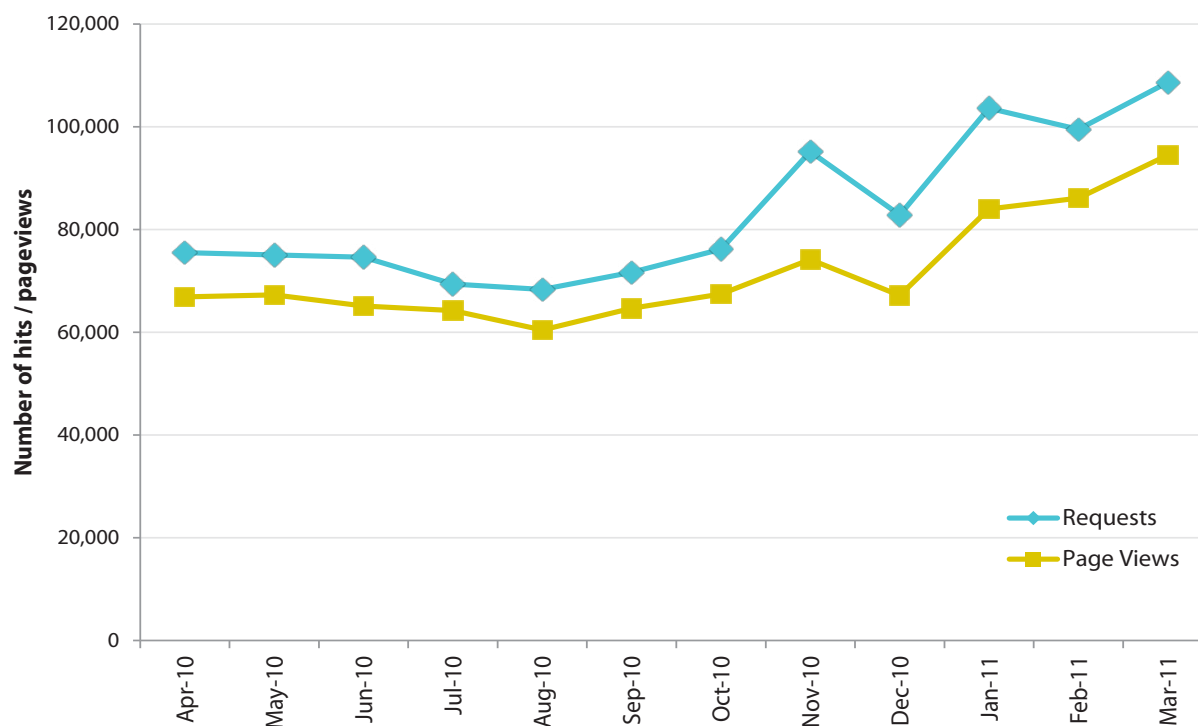
In April, 2008 MCHP modified its domain to reflect changes with the University of Manitoba's website structure. With the change MCHP started using the University of Manitoba's web template to keep the look of MCHP's site consistent with the University at large. This also required a restructuring of MCHP Research Resources including the Concept Dictionary, Glossary, and other internal databases. Search engines like Google do not automatically re-index web addresses when changes like this are made and as such, there was a considerable drop in web traffic to the MCHP site.

The University of Manitoba renewed its website template again in 2010. The Faculty of Medicine was the first faculty in the university to update all of its content — as such, MCHP's website changed again. With that change, there was another modification to the URLs for MCHP's content on the umanitoba.ca server. Web traffic was affected once again.

MCHP Web Traffic

Since a hit is counted once for every time a browser like Internet Explorer goes to the server and requests a web page, careful analysis is required when interpreting this information. Hits are counted once for each file loaded on a visitor's computer. This means that a hit is counted each time a web page is loaded and another hit is counted for each graphic within that page. For this reason, graphic files have been excluded from MCHP web statistics to paint a more accurate picture of visits to the MCHP website. Additionally, every time an internet crawler or bot is sent automatically by search engines as they update their own sites, a hit and a page view is counted and since the bot traffic cannot be easily distinguished from regular visitors browsing a site, the true number of visits measured in hits or page views may be skewed. Counting hits and page views however does not compensate for the fact that many different visitors may come from the same host when they are situated in a network behind a firewall. In this type of situation there may be 50 different visitors but they are all represented by a single host or unique visitor. On the other hand, because of the Concept Dictionary use at Monash University in Australia and mirroring of the Epidemiology Supercourse lectures in approximately 39 servers worldwide, these figures might represent an underestimate of international interest.

Hits & Page Views by Month



Report Downloads

The table below represents the top 10 downloaded reports for the 2010/11 fiscal year.

Rank	Deliverable	Requests
1	Profile of Metis Health Status and Healthcare Utilization in Manitoba: A Population-Based Study (released June 2010)	22,295
2	Manitoba Child Health Atlas Update (released November 2008)	14,166
3	The Additional Cost of Chronic Disease in Manitoba (released April 2010)	13,891
4	Pharmaceutical Use in Manitoba: Opportunities to Optimize Use (released December 2010)	7,909
5	Defining and Validating Chronic Diseases: An Administrative Data Approach (released July 2006)	7,604
6	Patterns of Regional Mental Illness Disorder Diagnoses and Service Use in Manitoba: A Population-Based Study (released September 2004)	6,653
7	The Health and Healthcare Use of Registered First Nations People Living in Manitoba: A Population-Based Study (released March 2002)	6,353
8	Effects of Manitoba Pharmacare Formulary Policy on Utilization of Prescription Medications (released December 2009)	5,192
9	Assessing the Health of Children in Manitoba: A Population-Based Study (released June 2001)	4,688
10	Using Administrative Data to Develop Indicators of Quality Care in Personal Care Homes (released October 2006)	4,446

Education

Courses / Lectures in the Department of Community Health Sciences

Number	Title	Instructor
CHS 7130	Methods in Health Services Research and Evaluation	Patricia Martens Randy Fransoo (guest lecturer)
CHS 7310	Epidemiology of Health Care	Noralou Roos Leslie Roos Marni Brownell
CHS 7400	Western Regional Training Seminar Directed Readings: Topics in Health Services Research Directed Readings: Health and Aging Directed Readings: In Epidemiologic Methods (Part B)	Malcolm Doupe (course instructor) Malcolm Doupe Malcolm Doupe Leslie Roos
CHS 7410	Directed Readings II: In Epidemiology	Leslie Roos
CHS 7520	Epidemiology	Noralou Roos (guest lecturer) Marni Brownell (guest lecturer) Pat Martens (guest lecturer)

Courses in Other Departments

Faculty / Medicine	Course Title	Instructor
Medicine	Population Health Block 1	Alan Katz
Medicine	Critical Thinking and Clinical Reasoning	Alan Katz
Medicine	Med I Tutorial in Health Policy	Patricia Martens
Medicine	Biostatistics to Med I students	Patricia Martens
Medicine	Biostatistics and Research Design Review to Med IV students	Patricia Martens
Medicine	Biostatistics to Physician Assistant Program students (year 1)	Patricia Martens
Pharmacy	Pharmacy 4800 - Electives Program	Colette Raymond
Pharmacy	Structured Practical Experiential Program	Colette Raymond
Pharmacy	Clinical Pharmacy I	Colette Raymond

Graduate Student Supervision

Student	Degree Sought	Advisor	Committee Member
Robert Balogh	PhD		Marni Brownell
Crystal Bernier	MSc		Gail Marchessault
Songul Bozat-Emre	PhD	Malcolm Doupe	
Gemma Briggs	PhD		Marni Brownell
Kyle Burkett	MD		Malcolm Doupe
Elaine Burland	PhD	Patricia Martens	Marni Brownell Malcolm Doupe
Rachel Carr	MSc	Patricia Martens	Randy Fransoo
Brenda Comaskey	PhD	Noralou Roos	Marni Brownell
Allison Dart	MSc	Patricia Martens	Marni Brownell
Kathleen Decker	PhD		Patricia Martens
Myrna Dyck	PhD		Malcolm Doupe
Greg Finlayson	PhD		Noralou Roos
Andrew Fong	MSc		Leslie Roos
Justine Gibbings	PhD		Noralou Roos
Gayle Halas	PhD		Alan Katz
Joanne Hamilton	MSc		Alan Katz
Margaret Haworth-Brockman	MSc	Patricia Martens	
Brett Hiebert	MSc	Leslie Roos	
Aynslie Hinds	PhD	Patricia Martens	
Jill Hnatiuk	MSc		Alan Katz
Ken Lamm	PhD		Leslie Roos
Salme Lavign	PhD	Malcolm Doupe	
Leanne LeClair	PhD		Noralou Roos
Jackie Lemaire	PhD		Patricia Martens
Rachel McPherson	MSc	Patricia Martens	
Thomas Mutter	MSc	Leslie Roos	
Hanna Neufeld	PhD	Gail Marchessault	
Karen Penner	PhD		Patricia Martens
Qyang Pham	MD		Malcolm Doupe
Saila Preveen	MSc	Alan Katz	
Hude Quan	PhD		Leslie Roos
Janelle de Rocquigny	MSc	Noralou Roos	Leslie Roos
Hazel Rona	MSc	Malcolm Doupe	
Laura Rosella	PhD		Leslie Roos

Chelsea Ruth	MSc		Noralou Roos
Amber Shin	MD		Malcolm Doupe
Andrea Rush-Sirski	MSc		Alan Katz
Chelsea Ruth	MSc	Marni Brownell	Noralou Roos
Deepa Singal	PhD	Marni Brownell	
Pearl Soltys	PhD	Patricia Martens	
Rae Spiwak	PhD		Patricia Martens
Derek Tai	MSc		Leslie Roos
Kellie Thiessen	PhD		Patricia Martens
Darolyn Walker	PhD		Randy Fransoo
Neng Wang	MD		Malcolm Doupe
Marcy Winget	PhD		Leslie Roos
Lauren Yallop	PhD	Marni Brownell	

Education Resources

MCHP's commitment to training researchers extends to students in such fields as Epidemiology and Health Services Research. The Educational Resources page (<http://www.umanitoba.ca/faculties/medicine/units/mchp/education/index.html>) provides links to site-specific and off-site teaching materials. The outline and readings for the graduate course, Epidemiology of Health Care, incorporates links to the Concept Dictionary and other documents available on the MCHP website. In addition, online tutorials for using SAS and geographic information system (GIS) software are provided. There are also links to lectures developed by MCHP research scientists for the University of Pittsburgh's Epidemiology Supercourse, an internationally-recognized teaching resource.

SAS Tutorials

The SAS system provides a way of creating and/or accessing a variety of data sets, with techniques for manipulating the data to obtain output ranging from simple frequency tables to complex three-dimensional graphs. The goal of the MCHP online SAS tutorial is to provide the new user with enough knowledge of SAS to translate basic research questions into SAS code, enabling completion of the research project required by the Epidemiology of Health Care course at the University of Manitoba. Intermediate training material has been developed for new users of the MCHP databases; this documentation covers arrays, do loops, first/last by-group processing, retain statements, and how to work with dates.

Additionally, there were three separate SAS tutorials ranging from beginner to intermediate levels offered in the 2010/11 fiscal year. These 20 hour courses were led by Charles Burchill, Associate Director, Data Access & Use, at MCHP on the following dates:

- August 23-27, 2010
- September 28, October 5, 12, 19 and 26, 2010
- March 25, 2010

Publications

Papers, Books, Book Chapters, Reports

2011

Balogh R, Ouellette-Kuntz H, Brownell M, Colantonio A. Ambulatory care sensitive conditions in persons with an intellectual disability – Development of a consensus. *J Appl Res Intellect Disabil* 2011;24(2):150-158.

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Presentations and Published Abstracts

2011

Doupe M. Population Aging and the Continuum of Older Adult Care in Manitoba: Implication for Care Planning. Presented at Geriatric Grand Rounds, Faculty of Medicine, University of Manitoba. March 21, 2011

Doupe M. Who and Where are Your Greying Baby Boomers: Short, Intermediate, and Longer Term Planning Strategies. Presented to the Assiniboine Regional Health Authority Long-term Care Planning Committee. March 2, 2011.

Gray LJ, Raymond CB, Szwajcer D, et al. Evaluation of a Pharmacy Checklist During Blood and Marrow Transplant Admission. American Society of Blood and Marrow Transplant Meeting, Honolulu HI, USA, Feb 2011.

Martens PJ. The right kind of evidence – integrating, measuring, and making it count. University of Toronto/St. Michael's Hospital Centre for Research on Inner City Health. Special Invitation to the workshop: Power, Politics and the Use of Health Equity Research: A Transdisciplinary Forum to Advance KT for Health Equity. Toronto, ON, February 17-18, 2011.

Martens PJ. Breastfeeding and health: Research design and statistics – how much does it matter? Invited Speaker for a panel discussion. Panel – the Evidence Debate – Science, Rhetoric, and Health Communication. University of North Carolina conference: "Reframing Birth and Breastfeeding: Moving Forward." UNC, Raleigh Durham, NC, March 12, 2011.

Martens PJ. Can pan-sectoral record linkage across health, education and social service data tell decision-makers what they need to know? Lessons from the Manitoba Centre for Health Policy. Invited Speaker for the Record Linkage Workshop, Scottish Collaboration for Public Health Research and Policy. Edinburgh, Scotland, March 14-16, 2011.

Martens PJ. What can pan-sectoral record linkage tell us that decision-makers want to know? The MCHP experience. Invited Speaker for the Record Linkage Workshop, Scottish Collaboration for Public Health Research and Policy. Edinburgh, Scotland, March 14-16, 2011.

Martens PJ. Diabetes and Aboriginal people. Interview for CBC's The Current, by Heba Aly, Producer. January 4, 2011.

Raymond C. New developments in the treatment of gout. CSHP Professional Practice Conference, Toronto Ontario, February 1, 2011.

Raymond C. Metrics to measure the impact of clinical pharmacy – what does the pharmacist to patient ratios in the Manitoba Renal Program. CSHP Professional Practice Conference, Toronto Ontario, January 30, 2011.

Roos LL. Administrative Data: The Next Generation. Presented at the Manitoba Centre for Health Policy's Researcher Forum, Winnipeg, MB, March 16, 2011.

Roos LL. Studying Children Using the Manitoba Population Health Repository: Data and Opportunities. Presented at the Manitoba Institute for Child Health, Research Rounds, Winnipeg, MB, January 27, 2011.

Roos NP, Brownell M, Fransoo R. Investing in at-risk kids: The path to increased productivity and decreased social costs Presented to the United Way of Winnipeg Cabinet Meeting, Winnipeg, MB, March 10, 2011.

2010

Bartlett JG, Martens PJ, Sanguins J, et al. Using lineage and history to build a Metis population cohort from Metis membership and health system administrative databases. Knowing your roots: Indigenous medicine, health knowledges and best practices'. Oral presentation: International Network of Indigenous Health Knowledge and Development (NIHKD) Conference, Poulsbro, WA, May 24-28, 2010.

Brownell M. Using population-based information to assess the outcomes of all students in Manitoba. Invited address at the Student Services Administrators' Association of Manitoba conference: Challenging the Status Quo: Are We Meeting the Needs of Students in Manitoba? Brandon MB: December 2, 2010.

Brownell M. Using data from the Manitoba Centre for Health Policy to help us understand child health. Invited talk at National Child Day Forum 2010 Pre-conference Workshop: Moving Child Health Data into Practice. Winnipeg, MB: November 15, 2010.

Brownell M, Chartier M, Au W, Schultz J. Evaluation of the Manitoba Healthy Baby Program. 17th Annual Rural and Northern Healthcare Workshop. Winnipeg, MB: October 27, 2010.

Brownell M, Chartier M, Au W, Schultz J. Evaluation of the Healthy Baby Program. Governmental Briefing to Healthy Child Manitoba, Winnipeg, MB: October 6, 2010.

Brownell M, Chartier M, Au W, Schultz J. Evaluation of the Healthy Baby Program. Governmental Briefing to Healthy Child Committee of Cabinet, Winnipeg, MB: September 20, 2010.

Brownell M, Chartier M, Au W, Schultz J. Evaluation of the Healthy Baby Program. Governmental Briefing to Minister and Deputy Minister of Health, Winnipeg, MB: September 10, 2010.

Brownell M, Chartier M, Au W, Schultz J, Bailey A. The Manitoba Healthy Baby Program: Are all those who might benefit from the program participating? Canadian Public Health Association conference: Public Health in Canada: Shaping the Future Together, Toronto, ON: June 14, 2010.

Brownell M, Chartier M, Au W, Schultz J, Bailey A. The Manitoba Healthy Baby Program: Has it had an impact on perinatal outcomes? Canadian Public Health Association conference, Public Health in Canada: Shaping the Future Together, Toronto, ON, June 14, 2010.

Brownell M, Chartier M, Au W, Schultz J, Bailey A. Evaluation of the Healthy Baby Program. MCHP and WRHA Workshop, "Kids Matter: A Look into Child Health." Winnipeg MB, June 9, 2010.

Brownell M, DeCoster C, Penfold R, Derksen S, Au W, Schultz J, Dahl M. Manitoba Child Health Atlas Update. MCHP and WRHA Workshop, "Kids Matter: A Look into Child Health." Winnipeg MB, June 9, 2010.

Brownell M. What Factors Affect Health and Literacy? Lessons from the Manitoba Centre for Health Policy. Presented at the Manitoba Libraries Conference 2010: The Power of Many – The Power of Partnerships, Winnipeg, MB, May 18, 2010.

Brownell M, Ens C, Roos N, Hanlon-Dearman A, Derksen S. Estimating the Prevalence of Autism Spectrum Disorders: What can we learn from using multiple population-based administrative data sources? Canadian Association for Health Services and Policy Research (CAHSPR) Annual Conference, Toronto, ON, May 11, 2010.

Brownell M, Santos R. Linking EDI data with health and social databases to gain a population-based perspective on child development. Presented at: Development 2010: A Canadian Conference on Developmental Psychology, Ottawa, ON, May 7, 2010.

Brownell M, Ens C, Roos NP. An Analytic Update from the Manitoba Centre for Health Policy: Scores on the Early Development Instrument and Selection for Reading Recovery and Results from the Child Health Atlas. MERN Winter Forum, 151 Harcourt St, Winnipeg, MB: January 29, 2010.

Chartier M. The Francophone Health and Healthcare Use Atlas. 7th Annual MCHP & Manitoba Health Workshop. Winnipeg MB, May 14, 2010.

Chartier M, Brownell M. Families First universal screening: The Manitoba Story. Presented to Vancouver Coastal Health, Vancouver, BC, May 5, 2010.

Fransoo R. Social Justice: Educating for Action conference, Nov 19, 2010.

Fransoo R. Mind the gap: Does gender make a difference for health policy and practice? McNally Robinson Booksellers, Winnipeg MB, June 2, 2010.

Fransoo R, Prior H, Kerr R, Schultz J, Martens P. Health service use rates not strongly related to BMI values. Canadian Public Health Association Centennial Conference, Toronto, ON, June 2010.

Fransoo R, Yogendran M, Ramsey C, Olafsson K, Waechter J, Garland A. Sex Differences in the Use of Intensive Care Units. Canadian Association of Health Services and Policy Research conference, Toronto, ON, May 2010.

Fransoo R, Martens P, Burland E, The Need to Know Team, Prior H, Burchill C. Manitoba RHA Atlas 2009. 7th Annual MCHP & Manitoba Health Workshop. Winnipeg MB, May 14, 2010.

Garland A, Fransoo R. Exploring the ICU Datasets: A First Look. 7th Annual MCHP & Manitoba Health Workshop. Winnipeg MB, May 14, 2010.

Heaman M. Perinatal Services & Outcomes in Manitoba. MCHP and WRHA Workshop, "Kids Matter: A Look into Child Health." Winnipeg MB, June 9, 2010.

Heaman M. Perinatal Services & Outcomes in Manitoba. 7th Annual MCHP & Manitoba Health Workshop. Winnipeg MB, May 14, 2010.

Primary Care Reform: The Manitoba Experience: Knowledge Synthesis and exchange forum on the impact of primary care organization models and contexts: Montreal QC, November 2010.

Katz A. Different kinds of Evidence: Summer Institute 2010 Making Connections For Public Health, Practice, Policy and Research; National Collaborating Centres, June 2010.

Katz A. Best Brains Exchange: CIHR sponsored exchange with New Brunswick Department of Health; Fredericton May 2010.

Katz A. The Scientific Method and Evidence Based Medicine; Clinic Community Health Centre June 2010.

Katz A, Hilderman T. Manitoba Immunization Study. 7th Annual MCHP & Manitoba Health Workshop. Winnipeg MB, May 14, 2010.

Katz A, Hilderman T, Derksen S, Seasonal Influenza Immunization in Pregnancy. Canadian Association of Health Service and Policy Research Toronto 2010.

Katz A. McQuitty Memorial Oration: Department of Family Medicine, University of Calgary 2010.

Martens PJ. Breastfeeding and the prevention of obesity and diabetes. What does the research say? National webinar for Canada, sponsored by the Canadian Lactation Consultants' Association (CLCA). Sites all across Canada. November 9, 2010.

Martens PJ. Statistics for success: Reading the statistics and research design sections of a publication without fear. CAPPA National Conference (Childbirth and Postpartum Professional Association). Calgary, AB, November 5-7, 2010.

Martens PJ. What is the research telling us about the link between breastfeeding and reduced risk of diabetes and obesity? Family Medicine Research Day 2010 – Plenary speaker. Winnipeg, MB, October 29, 2010.

Martens PJ, Katz A. What counts? MCHP researchers & policy-makers interacting to produce population-based health evidence. Manitoba Legislature Private Dining Room – open session on MCHP for MLAs and top-level decision-makers. Winnipeg, Manitoba, October 28, 2010.

Martens PJ, Bartlett J. Profile of Metis Health status and healthcare utilization in Manitoba: A population-based study. 17th Annual MCHP Rural & Northern Healthcare Workshop. Winnipeg, MB, October 27, 2010.

Martens PJ. Health inequities in Manitoba. 17th Annual MCHP Rural & Northern Healthcare Workshop. Winnipeg, MB, October 27, 2010.

Martens PJ et al. Health Inequities in Manitoba: Is the socioeconomic gap in health widening or narrowing over time? This report was covered in the news on September 30th, 2010 in the following media outlets: Winnipeg Free Press, CJOB, Aboriginal Peoples' Television Network, CBC Radio, CTV Manitoba. Media release of the deliverable. Winnipeg, MB, September 30, 2010.

Martens PJ. Breastfeeding research in Manitoba. Panel discussion on research initiatives in maternal and child health in Manitoba (chaired by M. Heaman). Maximizing MACHS: Maternal and child Healthcare Services in Manitoba. Winnipeg, MB: September 28, 2010.

Martens PJ. Overweight, obesity, diabetes and breastfeeding. (plenary speech). Baby Friendly Manitoba Conference. Winnipeg, MB: September 24, 2010.

Martens PJ. Organizer and Chair of the one-day workshop by the ILCA Research Committee: Where the rubber hits the road: From grant writing to translating research into action. ILCA Conference "ILCA at 25 – a Lactation Celebration!" San Antonio Texas, July 21-25, 2010.

Martens PJ. Statistics for success: quantitative primer for lactation. ILCA Conference: ILCA at 25 – a Lactation Celebration! San Antonio, Texas. July 21-25, 2010.

Martens PJ. Media interview: with Roger Cullen of CMAJ. Topic: announcement of government to make the Long Form of the Census a voluntary form, July 16, 2010.

Martens PJ, Kettner J. In the spotlight: A lasting partnership between research and decision making. Population Health Intervention Research Network PHIRNET Summer Institute 2010. Winnipeg MB, June 29-30, 2010.

Martens PJ. Panellist in Cool Data-Tools for Policy Analysis (discussing The Role of Databases in Policy Analysis). Population Health Intervention Research Network PHIRNET Summer Institute 2010. Winnipeg, Manitoba: June 29-30th, 2010.

Martens PJ (chair of session, speaker). Connecting with others: Applying lessons from public health and other disciplines. National Collaborating Centres for Public Health Summer Institute. Winnipeg, MB, June 28th, 2010.

Martens PJ, Brownell M, Au W, Prior HJ, Schultz J, Guenette W. Is health inequity widening or narrowing over time? Using a population-based methodology in Manitoba. Canadian Public Health Association conference, Public Health in Canada: Shaping the Future Together. Toronto, Ontario: June 13-16th, 2010.

Martens PJ. Facilitator/chair of the plenary session by Dr. David Butler-Jones. Canadian Public Health Association conference, "Public Health in Canada: Shaping the Future Together". Toronto ON, June 13-16, 2010.

Martens PJ, Brownell M, Au W, Prior H, Schultz J, Guenette W. Is health inequity widening or narrowing over time? Using a population-based methodology in Manitoba. MCHP and WRHA Workshop, "Kids Matter: A Look into Child Health." Winnipeg MB, June 9, 2010.

Martens PJ, Brownell M, Au W, Prior H, Schultz J. Is health inequity widening or narrowing over time? Using a population-based methodology in Manitoba. 7th Annual MCHP & Manitoba Health Workshop. Winnipeg MB, May 14, 2010.

Martens PJ. MCHP – who we are and what we do. CIHR's International Infectious Disease & Global Health Training Program. Winnipeg, MB: May 14, 2010.

Martens PJ, Freeman J. A CIHR/IHSPR half-day workshop on writing grants, for graduate and post-doctoral students. CAHSPR Conference 2010. Toronto: May 10-13, 2010.

Martens PJ, Bartlett J, Prior H, Burland E, Burchill C, Sanguins J, Huq S, Bailly A, Carter S. How do physician visit rates and patterns differ between Metis and other Manitobans – a population-based study. CAHSPR Conference 2010. Toronto: May 10-13, 2010.

Martens PJ, Bartlett J. Briefing to the Minister of Health (Honourable Theresa Oswald), Minister of Healthy Living (Honourable Jim Rondeau), Minister of Aboriginal and Northern Affairs (Honourable Eric Robinson). Profile of Metis Health Status and Healthcare Utilization in Manitoba: A Population-based Study. Winnipeg, MB, April 12, 2010.

Martens PJ. Prenatal Care KT Workshop. Turning Data into Knowledge and Action – Straw into gold? Winnipeg, MB, May 6, 2010.

Raymond CB. "Near Misses and Good Catches - What Are They and How Do Pharmacy Staff Feel About Them? Manitoba Pharmaceutical Association Continuing Education Session. Winnipeg, October 20, 2010.

Raymond CB, Woloschuk DMM, Honcharik N. Attitudes and Behaviours of Hospital Pharmacists and Technicians toward Near Misses. Can J Hosp Pharm 2010;63:339 August 2010.

Raymond CB, Woloschuk DMM, Honcharik N. Attitudes and Behaviours of Hospital Pharmacists and Technicians toward Near Misses. National Association of Boards of Pharmacy and American Association of Colleges of Pharmacy District Five 73rd Annual Meeting. Williamsberg, Iowa, USA, (August 6-7, 2010).

Raymond CB, Chan C, Pindera C, Kasper K. Development and evaluation of clinical pharmacy services for the Manitoba HIV program. Canadian Association for HIV Research Conference Proceedings, Regina, Saskatchewan, May 2010.

Raymond CB, Metge C. Pharmaceutical Use in Manitoba. 7th Annual MCHP & Manitoba Health Workshop. Winnipeg MB, May 14, 2010.

Raymond C. Attitudes and Behaviors of Pharmacy Staff toward Near Misses: Reliability and Validity of a Survey Tool. Pharmacy Department Education Rounds Health Sciences Centre. Winnipeg, MB. April 14, 2010.

Roos NP, Brownell M. Investing in At-Risk Kids: Doing the Right Thing While Achieving Increased Productivity and Decreased Social Costs. Presented at the Senior Officials Steering Committee of the Intergovernmental Committee on Manitoba First Nations Health. Winnipeg, MB, November 17, 2010.

Roos NP, Brownell M. How Data Help—Developing Insights re: Children's Health & Well-being. Canadian Assn of Paediatric Health Centres/Canadian Paediatric Decision Support Network. "What's Working? Strategies and Practices that are Improving Health Outcomes of Canadian Children & Youth", Delta Hotel, Winnipeg October 17, 2010.

Roos NP, Brownell M. Focusing on At-Risk Kids. (Presented at the Winnipeg Inner-City Stakeholders Meeting, Winnipeg, MB, September 27, 2010.

Roos N. At-Risk Kids: Future Directions. 2010 MCHP & WRHA Workshop, "Kids Matter: A Look Into Child Health and Well-Being", Winnipeg, MB, June 9, 2010.

Roos N. Lessons learned: Four years establishing the drug safety and effectiveness network. Keynote speaker address, Emmett Hall Memorial Lectureship. Presented at the 2010 Annual CAHSPR Conference, Toronto, ON, May 12, 2010.

Roos N. The Evidence Network: First Steps Workshop: How to create an accessible, credible, evidence-based resource for the media on health policy issues. The Westin Harbour Castle Hotel, Toronto, ON, May 11, 2010.

Roos N, Brownell M. Resources and Insights from Monitoring Child Health & Well-Being At the Manitoba Centre for Health Policy. Child Health Quality Council Meeting, John Buhler Research Centre, Winnipeg, MB: February 3, 2010.

Ruth C, Brownell M. What is the relationship between socioeconomic status and birth morbidity in the late preterm infant? Western Perinatal Meeting, Edmonton AB: February 13, 2010.

Santos R. Early Development Instrument (EDI). MCHP and WRHA Workshop, "Kids Matter: A Look into Child Health". Winnipeg MB, June 9, 2010.

Santos R. Early Development Instrument (EDI). 7th Annual MCHP & Manitoba Health Workshop. Winnipeg MB, May 14, 2010.

St. John P, Doupe M, Strang D. Timing of Adverse Events in Nursing Homes in Manitoba, Canada. The Gerontological Society of America 63rd Annual Scientific Meeting, New Orleans, USA. November 19-23, 2010.

Vercaigne L, Abdelmoneim A, Wazny L, Raymond CB, Orsulak C, Miller L. Conversion from heparin to sodium citrate as a catheter locking solution a quality control initiative. Canadian Society for Nephrologists Meeting, Montreal Quebec, May 2010.

Evidence Network

Dr. Noralou Roos is proud to announce the launch of EvidenceNetwork.ca — a non-partisan web-based project funded by the Canadian Institutes of Health Research and the Manitoba Health Research Council. Its mission is to make the latest evidence on controversial health policy issues available to the media. This site links journalists with health policy experts to provide access to credible, evidence-based information.

The network is made up of independent, highly-qualified researchers and experts across the country who respond to requests for information and interviews quickly to meet deadlines. EvidenceNetwork.ca provides information on timely topics and breaking health policy stories. They aim to make sense of the often complex and controversial issues facing Canadians and their healthcare system.

people

MCHP Faculty and Staff

The following is a list of all staff who worked at MCHP at any point between April 1, 2010 and March 31, 2011.

Director

Patricia Martens, Director, Professor, Senior Research Scientist

MCHP Executive Committee Members

Patricia Martens, Director, Professor, Senior Research Scientist

Alan Katz, Associate Director - Research, Associate Professor, Senior Research Scientist

Mark Smith, Associate Director - Repository, Research Scientist

Charles Burchill, Associate Director - Data Access & Use

Paulette Collins, Associate Director - Administration, (to June 30, 2010)

John Dziadek, Associate Director - Administration (starting November 1, 2010)

Carole Ouelette, Executive Assistant to the Director and Office Manager

Research Scientists

Marni Brownell, Senior Research Scientist; Assistant Professor – University of Manitoba

Mariette Chartier, Research Scientist; Assistant Professor – University of Manitoba

Dan Chateau, Research Scientist/Statistician; Assistant Professor – University of Manitoba

Malcolm Doupe, Senior Research Scientist; Associate Professor – University of Manitoba

Greg Finlayson, Research Scientist; Research Associate – University of Manitoba

Randy Fransoo, Research Scientist; Assistant Professor – University of Manitoba

Allan Garland, Research Scientist; Associate Professor, University of Manitoba; Internist, WRHA

Maureen Heaman, Research Scientist; Professor - University of Manitoba

Tim Hilderman, Research Scientist; Medical Officer of Health - Manitoba Health

Alan Katz, Associate Director – Research; Senior Research Scientist; Associate Professor – University of Manitoba

Gail Marchessault, Research Scientist

Patricia Martens, Director; Senior Research Scientist; Professor – University of Manitoba

Colleen Metge, Research Scientist; Associate Professor – University of Manitoba

Colette Raymond, Research Scientist; Clinical Assistant Professor – University of Manitoba; Clinical Pharmacist – WRHA

Leslie Roos, Founding Director; Senior Research Scientist; Professor – University of Manitoba

Noralou Roos, Founding Director; Senior Research Scientist; Professor – University of Manitoba

Rob Santos, Research Scientist; Scientific Director – Healthy Child Manitoba

Bosu Seo, Research Scientist

Evelyn Shapiro, Senior Research Scientist; Professor and Senior Scholar – University of Manitoba

Mark Smith, Associate Director – Repository; Research Scientist

Research Coordinators

Ruth-Ann Soodeen, Lead Research Project Coordinator

Elaine Burland, Research Project Coordinator

Chelsey McDougal, Research Project Coordinator

Kari-Lynne McGowan, Research Project Coordinator

Jennifer Schultz, Research Project Coordinator

Research Assistants

Eileen Bell, Research Assistant

Kaan Berk, Research Assistant

Songul Bozat-Emre, Research Assistant

Carla Ens, Research Assistant

Chun Yan Goh, Research Assistant

Brett Hiebert, Research Assistant

Ashton Hurley, Research Assistant

Jessica Jarmacz, Research Assistant

Lucelia Luna de Melo, Research Assistant

Janelle de Rocquigny, Research Assistant

Deepa Singal, Research Assistant

Data Acquisition

J. Patrick Nicol, Lead Data Acquisition Officer

Mahmoud Azimae, Data Acquisition Officer

Dave Towns, Data Acquisition Officer

Data Documentation and Access

Charles Burchill, Associate Director, Data Access & Use

Jo-Anne Baribeau, Repository Access Coordinator

Ruth Bond, Manager of Repository Access and Documentation

Ken Turner, Repository Data Analyst

Programming & Systems Development

Wendy Au, Data Analyst

Bogdan Bogdanovic, Data Analyst

Hui Chen, Data Analyst

Matthew Dahl, Data Analyst

Shelley Derksen, Data Analyst

Natalia Dik, Data Analyst

Oke Ekuma, Data Analyst

Shamima Huq, Data Analyst

Leonard MacWilliam, Data Analyst

Phongsack Manivong, Data Analyst

Heather Prior, Data Analyst

Randy Walld, Data Analyst

Marina Yogendran, Data Analyst

Information Technology

Rod McRae, IT Manager

Darrin Halabuza, IT Support

Communications

Jack Rach, Communications Officer

Research Support

Carole Ouelette, Office Manager

Angela Bailly, Research Support

Theresa Daniuk, Research Support

Kara Dyck, Research Support

Sara Dueck, Research Support

Wendy Guenette, Research Support

Shannon Lussier, Research Support

Finance

Ariel Bautista, Grants Accountant

Sophie Buternowsky, Senior Grants Accountant

Linda Kostiuk, Grants Accountant

Special Awards and Honours

2011

- Noralou Roos: Inaugural Population and Public Health Research Mileston Award, CIHR and CPHA

2010

- Randy Fransoo: Gerry McDole Professorship In Improved Healthcare Delivery to Rural, Remote and Underserved Populations of Manitoba, Oct 2010 – Sep 2013 (\$150,000).
- Patricia Martens: 2010 YMCA/YWCA Woman of Distinction Award for the Health & Wellness category.
- Leslie Roos: Elected to the Life Sciences Division, Academy of Science of the Royal Society of Canada
- Leslie Roos: Elected Fellow, Canadian Academy of Health Sciences
- Noralou Roos: Hall Laureate, Emmett Hall Memorial Lectureship, The Justice Emmett Hall Memorial Foundation



Advisory Board Members

The role of the Advisory Board is to develop a broad perspective on problems confronting our health system and to provide potential solutions to these problems. The Advisory Board also serves to advise and assist the Manitoba Centre for Health Policy to determine an appropriate set of activities to meet MCHP goals and objectives; and to assure the long-term viability of MCHP by meeting twice a year. The following people served as members of MCHP's Advisory Board for all or part of the fiscal year ending March 31, 2010.

Members by Position:

Director of the Manitoba Centre for Health Policy: **Dr. Patricia Martens**

Deputy Minister of Health: **Milton Sussman**

Founding Directors: **Drs. Noralou Roos** and **Leslie Roos**

Head of the Department of Community Health Sciences, Faculty of Medicine, University of Manitoba: **Dr. Sharon Macdonald**

One representative from Treasury Board: Tannis Mindell

Dean of the Faculty of Medicine, University of Manitoba: Dr. Brian Postal

Manitoba Health Liaise: Deborah Malazdrewicz

Appointed Members: Up to seven appointees of Manitoba Health

1. **Harvey Bostrom**, Deputy Minister, Aboriginal and Northern Affairs
2. **John Clarkson**, Deputy Minister, Innovation, Energy and Mines
3. **Grant Doak**, Deputy Minister, Family Services and Consumer Affairs
4. **Gerald Farthing**, Deputy Minister, Education
5. **Heather Reichert**, Deputy Minister, Advanced Education and Literacy
6. **Monique Vielfaure Mackenzie**, Chief Executive Officer, South Eastman RHA
7. *Vacant*

Appointed Members: Up to seven appointees of the University of Manitoba

1. **Dr. David Collins**, Vice Provost, Academic Planning and Programs, University of Manitoba
2. **Dr. Digvir Jayas**, Vice President, Research, University of Manitoba
3. **Dr. Terry Klassen**, Director of Research, Manitoba Institute of Child Health, University of Manitoba
4. **Dr. J. Fraser Mustard**, President, The Founder's Network, Toronto
5. **Dr. S. Leonard Syme**, Professor of Epidemiology and Community Health (Emeritus) University of California, Berkeley
6. **Dr. Michael Moffatt**, Executive Director, Research and Applied Learning Division, Winnipeg Regional Health Authority
7. **Mr. Reg Toews**, Former Chief Executive Officer, South Eastman RHA

Ex Officio Members:

Dr. Alan Katz, Associate Director, Research, MCHP

Mark Smith, Associate Director, Repository, MCHP

Charles Burchill, Associate Director, Data Access and Use, MCHP

John Dziadek, Associate Director, Administration, MCHP

MCHP Staff Support to Advisory Committee

Carole Ouelette, Executive Assistant to the Director, MCHP

MCHP Adjunct Scientists

The designation of Adjunct Scientist at the Manitoba Centre for Health Policy was created to recognize the valuable contribution made to its research by external participants. Adjunct Scientists are involved in collaborative research with an MCHP Research Scientist, have an ongoing commitment to health services research, have previous research involvement with scholarly publications, and/or have clinical/policy expertise that is of assistance to MCHP Scientists in framing research questions, interpreting results of particular analyses and advising on the policy implications of the findings.

Fred Aoki, MD, Professor, Departments of Medical Microbiology/Internal Medicine/Pharmacology and Therapeutics, University of Manitoba, Assistant Dean (admissions), Faculty of Medicine

Judith Bartlett, MD, MSc, CCFP, FCFP, Director, Health and Wellness Department, Manitoba Metis Federation, Associate Professor, Department of Community Health Science, Faculty of Medicine, University of Manitoba

Charlyn Black, MD, ScD, Senior Faculty Member, Centre for Health Services and Policy Research; Professor, Department of Health Care and Epidemiology, University of British Columbia

Sharon Bruce, PhD, Assistant Professor, Department of Community Health Sciences, University of Manitoba

Shelley Buchan, MD, FRCP, Medical Officer of Health, Regional Health Authority-Central Manitoba Inc.

Keumhee Chough Carrière, PhD, Professor, Department of Mathematical Sciences, University of Alberta

Janet Currie, PhD, Sami Mnaymneh Professor of Economics and chair, Department of Economics, Columbia University

Raisa Deber, PhD, Professor, Department of Health Policy, Management and Evaluation, Faculty of Medicine, University of Toronto

Carolyn De Coster, PhD, Senior Researcher, Health Outcomes, Calgary Health Region; Assistant Professor, Department of Community Health Sciences, Universities of Manitoba and Calgary.

Brenda Elias, PhD, Assistant Professor, Co-Director, Centre for Aboriginal Health Research, University of Manitoba

Evelyn Forget, PhD, Professor, Department of Community Health Sciences, Faculty of Medicine, University of Manitoba

Norman Frohlich, PhD, Professor Emeritus, I.H. Asper School of Business; Adjunct Professor, Department of Social and Preventive Medicine, Université de Montréal.

Allan Garland, MD, MA, Associate Professor, Internal Medicine, Department of Community Health Sciences, University of Manitoba

Maureen Heaman, RN, PhD, Associate Professor and Associate Dean, Research, Faculty of Nursing, Director, Manitoba Centre for Nursing and Health Research, University of Manitoba

Tim Hilderman, MD, FRCPC, Director, Community Medicine Residency Program; Assistant Professor, Community Health Sciences

Philip Jacobs, D Phil, CMA, Professor, Department of Medicine (Gastroenterology), University of Alberta

Doug Jutte, MD, MPH, School of Public Health, University of California, Berkeley

Anita Kozyrskyj, PhD, Research Chair, Maternal-Child Health and the Environment, Associate Professor, Department of Pediatrics, University of Alberta

Meir Kryger, MD, FRCPC, Director, Sleep Medicine Research and Education, Gaylord Hospital, Wallingford, CT

Barbara Law, MD, FRCPC, Chief Vaccine Safety, Surveillance and Outbreak Response Division, Centre for Immunization and Respiratory Infectious Diseases

Lisa Lix, PhD, MSc, Associate Professor and Centennial Chair, School of Public Health, University of Saskatchewan

William Leslie, MD, FRCPC, Section of Nuclear Medicine, St. Boniface General Hospital; Professor, Internal Medicine and Radiology, Faculty of Medicine, University of Manitoba

Doug Manuel, BSc, MD, MSc, FRCPC, Assistant Professor in the Department of Public Health Sciences, University of Toronto, Scientist, Institute of Clinical Evaluative Sciences

Blake McClarty, MD, FRCPC, Associate Professor, Department of Radiology, University of Manitoba; Clinical and Research Director, Magnetic Resonance Imaging Unit, St. Boniface General Hospital

Verena Menec, PhD, Associate Professor, Department of Community Health Sciences, Director, Centre on Aging, University of Manitoba

Michael Moffatt, MD, Executive Director, Research and Quality, Winnipeg Regional Health Authority

Steve Morgan, PhD, Associate Professor, School of Population and Public Health; Associate Director, Centre for Health Services and Policy Research, University of British Columbia

Nazeem Muhajarine, PhD, Associate Professor and Research Faculty, Department of Community Health and Epidemiology, University of Saskatchewan

Robert P Murray, PhD, Associate Professor and Director, Alcohol and Tobacco Research Unit, Department of Community Health Sciences, University of Manitoba

John O'Neil, PhD, Professor and Dean, Faculty of Health Sciences, Simon Fraser University

Robert Penfold, PhD, Principal Investigator, The Research Institute at Nationwide Children's Hospital, Columbus, Ohio

Rolf Puchtinger, Epidemiologist, Chronic Disease Branch, Manitoba Health

Hude Quan, PhD, Assistant Professor, Department of Community Health Sciences, University of Calgary

Robert Reid, MD, PhD, Associate Director, Department of Preventive Care, and Investigator, Center for Health Studies, Group Health Cooperative of Puget Sound, Seattle, Washington

Jan Roberts, MD, PhD, Medical Officer of Health, South Eastman Region, Manitoba; Assistant Professor, Department of Community Health Sciences, University of Manitoba

Chelsea Ruth, MD, FRCPC, Assistant Professor of Paediatrics, Section of Neonatology, University of Manitoba; Assistant Medical Director Intermediate Care Nursery, Medical Director Manitoba Rh Program.

Phil St. John, MD, MPH, Acting Head, Section of Geriatrics, Assistant Professor, Department of Internal Medicine, University of Manitoba

Rob Santos, PhD, Scientific Director and Senior Policy Advisor, Healthy Child Manitoba Office, Healthy Child Committee of Cabinet, Government of Manitoba; and Assistant Professor, Department of Community Health Sciences, Faculty of Medicine, University of Manitoba Centre For Health Policy

Shahin Shooshtari, PhD, Assistant Professor, Departments of Family Social Sciences, and Community Health Sciences, University of Manitoba; Researcher, St. Amant Research Centre

Estelle Simons, MD, FRCPC, Bruce Chown Professor and Head, Section of Allergy and Clinical Immunology, Department of Pediatrics and Child Health, University of Manitoba

Mark Stabile, PhD, Associate Professor, School of Public Policy & Governance, University of Toronto

Leonie Stranc, PhD, Coordinator, Surveillance and Information, Public Health Division, Manitoba Health

Len Syme, PhD, Department of Epidemiology, School of Public Health, University of California, Berkeley

Laura Targownik, MD, Assistant Professor, Department of Internal Medicine, University of Manitoba

Diane Watson, PhD, CEO, Bureau of Health Information, New South Wales, Australia

Collaborators

Many people collaborate with MCHP researchers, enabling a broad variety of research studies to take place. Collaborative research helps to increase access to and use of the Repository, to investigate questions beyond the scope of MCHP researchers, and to explore valuable issues relating to population health, health policy and the determinants of health.

Tracie Afifi, Department of Community Health Sciences, University of Regina

Silva Alessi-Severini, Faculty of Pharmacy, University of Manitoba

Rubab Arim, Ottawa Hospital Research Institute

Jennifer Baker, Healthy Living Coordinator of Primary Health Care & Aboriginal Health, Central Regional Health Authority

Robert Balogh, Graduate Student, University of Toronto

Hilary Bambrick, Visiting Fellow, National Centre for Epidemiology and Population Health, Australia National University

John Beilby, Department of Clinical Biochemistry at PathWest, Nedlands and Adjunct Associate Professor in the Department of Surgery and Pathology, University of Western Australia

François Béland, Université de Montréal

David Ben-Tovim, School of Medicine, Flinders Medical Centre

Sasha Bernatsky, Department of Medicine, McGill University

Jane Bertrand, Early Childhood Education, Ryerson University

Robert Biscontri, Department of Accounting and Finance, I H Asper School of Business, University of Manitoba

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Michel Boivin, School of Psychology, Laval University

James Bolton, Department of Psychiatry, University of Manitoba

Gillian Booth, Division of Endocrinology & Metabolism, St. Michaels Hospital, Toronto

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Peter Coyte, University of Toronto

Leigh Cunningham, RBC Financial Group

Susan Dahinten, School of Nursing, University of British Columbia

Allison Dart, Graduate Student, Pediatric Nephrology, Health Sciences Centre, Winnipeg, Manitoba

Raisa Deber, University of Toronto

Nick deKlerk, Western Australian Data Linkage Branch

Marc Del Bigio, Department of Pathology, Faculty of Medicine, University of Manitoba

Phillippe De Wals, Department of Social & Preventive Medicine, Laval University

Habtu Demsas, Selkirk Medical Centre

Dhali H.S. Dhaliwal, President and Chief Executive Officer, CancerCare, Manitoba

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Murray Enns, Department of Psychiatry, Faculty of Medicine, University of Manitoba

Beth Everson, Canadian Health Services Research Foundation

Gerald Farthing, Department of Education, Government of Manitoba

Colleen Flood, University of Toronto

Elizabeth Lee Ford Jones, University of Toronto

Evelyn Forget, University of Manitoba

Jan Forster, Dept of Family Services and Consumer Affairs, Government of Manitoba

Cy Frank, University of Calgary

Jane Freemantle, University of Western Australia

Don Fuchs, Faculty of Social Work, University of Manitoba

Melissa Fuerst, Dietician, Department of Family Medicine, St. Boniface General Hospital

Emma Fuller, Western Australian Data Linkage Branch

Marc André Gagnon, Carleton University

Sheila Giesbrecht, Department of Education, Government of Manitoba

Ruth Gilbert, Director, Centre for Evidence-Based Child Health, United Kingdom

Hugh Grant, Department of Economics, University of Winnipeg

Eva Grunfeld, Department of Medicine, Nova Scotia Health

David Grynsban, Department of Pathology, Faculty of Medicine, University of Manitoba

Astrid Guttmann, University of Toronto/Sick Kids

Mary Haines, The Sax Institute, University of Technology (Sydney, Australia)

Paul Hakendorf, Faculty of Health Sciences, Flinders University, South Australia

Greg Hammond, Cadham Provincial Lab, Manitoba Health

Ana Hanlon-Dearman, Department of Pediatrics & Child Health, Faculty of Medicine, University of Manitoba/Children's Hospital

Marion Harrison, CancerCare Manitoba

Duane Hartley, Charleswood Medical Clinic

Clyde Hertzman, Human Early Learning Partnership (HELP), University of British Columbia

Ron Hikel, Hampshire Consulting, (Toronto, Ontario)

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Marcus Hollander, Analytical Services, British Columbia

D'arcy Holman, School of Population Health, University of Western Australia

Chris Holton, Faculty of Health Sciences, University of Adelaide

Derek Hum, Department of Economics, University of Manitoba

Jeremiah Hurley, McMaster University

Robert C. James, Private Scholar

Doug Jutte, University of California, Berkeley

Jon Karnon, Faculty of Health Sciences, University of Adelaide

Laurence Katz, Department of Psychiatry, University of Manitoba

Linda Kawa, Ambulatory Care Program, Brandon Regional Health Centre

Dafna Kohen, University of Ottawa

Gerald Konrad, UPCON Lead Physician, Family Medical Centre, St. Boniface General Hospital

Yatish Kotecha, Assiniboine Clinic

Mark Kristjanson, Kildonan Medical Centre, Seven Oaks General Hospital

Jeff Kwong, Graduate Student, University of Toronto

Marc Lachance, Canadian Council on Learning

Josee Lavoie, Department of Community Health Sciences, University of Northern British Columbia

John LeBlanc, Department of Psychiatry, Dalhousie University

Yahong Li, Department of Epidemiology, University Hospital, Saskatoon

Richard Lobdell, Department of Economics, University of Manitoba

Sally Longstaffe, Children's Hospital of Winnipeg

Zhong-Cheng Luo, Department of Obstetrics and Gynecology, Hospital Sainte Justine, University of Montreal

Sharon Macdonald (Academic Enhancement Project), University of Manitoba

Janelle Mann, Graduate student, Queen's University

Theodore R. Marmor, PhD; Yale University

Trina Mathison, Physician, Dauphin Medical Clinic

Susan McClement, Manitoba Palliative Care Research Unit, CancerCare Manitoba

James McCormack, University of British Columbia

Robert McMurtry, University of Western Ontario

Verena Menec, University of Manitoba

Constance Milbrath, Human Early Learning Partnership (HELP), University of British Columbia

Paddy Moore, Canadian Health Services Research Foundation

Rachael Moorin, Centre for Health Services Research, University of Western Australia

Steve Morgan, University of British Columbia

Suzanne Morin, Research Institute of the McGill University Health Centre (RI MUHC), McGill University

Nazeem Muhajarine, University of Saskatchewan

Fraser Mustard, Founder's Network

Alan Mutch, Department of Anesthesia, Faculty of Medicine, University of Manitoba

Paul Nyhof, Health Links-Info Sante, Misericordia Hospital

Melissa O'Donnell, University of Western Australia

Colleen O'Leary, University of Western Australia

Helene Ouellette-Kuntz, Department of Community Health & Epidemiology, Queen's University

Payam Pahlavan, St. Boniface General Hospital

Sunil Patel, Gimli Community Health Centre

David Preen, Centre for Health Services Research, University of Western Australia

Sonia Prevost-Derbecker, Point Douglas/ Lord Selkirk Park - Community Revitalization Evaluation Subcommittee

Cheryl Rockman-Greenberg, Department of Pediatrics & Child Health Administration, University of Manitoba

Christine Roberts, Kolling Institute of Medical Research, University of Sydney

Philip Ryan, Faculty of Health Sciences, University of Adelaide

Elizabeth A Salamon, University of Manitoba, St. Boniface General Hospital

Susan Samuel, University of Alberta

Jan Sanderson, Healthy Child Manitoba

Julianne Sanguins, University of Manitoba, Manitoba Metis Federation

Rob Santos, Healthy Child Manitoba

Jitender Sareen, Department of Psychiatry, University of Manitoba

Stuart Shanker, York University

Shahin Shooshtari, University of Manitoba

Ruth Simkin, Health Action Centre, CancerCare Manitoba

Judy Simpson, School of Public Health, University of Sydney

Wayne Simpson, Department of Economics, University of Manitoba

Harminder Singh, Section of Gastroenterology, Faculty of Medicine, University of Manitoba

Jeff Sisler, Primary Care Oncology, CancerCare Manitoba

Dawn Smith, Faculty of Health Sciences, School of Nursing, University of Ottawa

Merran Smith, Western Australian Data Linkage Branch

Janet Smylie, Department of Family Medicine, University of Ottawa

Mark Stabile, University of Toronto

Fiona Stanley, University of Western Australia

Matthew J Stargardter, Prairie Research Associates

Harvey Stevens, Winnipeg Poverty Reduction Council

Moira Stewart, Centre for Studies in Family Medicine, Schulich School of Medicine and Dentistry, University of Western Ontario

Lisa Strohschein, Department of Sociology, University of Alberta

Thérèse Stukel, University of Toronto

Jason Sutherland, University of British Columbia

Alan M Tenenhouse, Emeritus Professor of Medicine, McGill University

Karen Toews, Rural Family Physician, CCPN Physician, Steinbach Family Medical Centre

Donna Turner, Epidemiology and Cancer Registry, CancerCare Manitoba

Jenn Verma, Canadian Health Services Research Foundation

Connie Walker, United Way of Winnipeg

Russell Wilkins, Statistics Canada

Robin Williams, Medical Officer of Health, Niagara Region, St. Catharines Ontario

Cornelius Woelk, Family Physician, Dr. C.W. Wiebe Medical Centre

Mavis Wood, Parkland Regional Health Authority

Angela Woollacott, Department of Modern History, Politics, International Relations and Security, MacQuarie University, New South Wales, Australia

Charles Wright, Consultant in Medical and Academic and Medical Affairs, Ontario

Jianhong Wu, Department of Mathematics and Statistics, York University

Committees

Marni Brownell

- Member, Maternal and Child Health Strategy (MACHS) Initiative, Information Repository Work Group
- Chair, Institute of Population and Public Health Knowledge Translation Strategic Advisory Subgroup
- Member, Advisory Board of the Canadian Institutes of Health Research (CIHR), Institute of Population and Public Health
- Research Affiliate, St. Amant Centre Community Research Advisory Committee

Malcolm Doupe

- Site Director, Western Regional Training Program, Faculty of Medicine, University of Manitoba
- University Representative, Health Information Privacy Committee, Manitoba Health
- Member, Graduate Committee, Department of Community Health Sciences, Faculty of Medicine, University of Manitoba
- Member, Special Committee Reviewing Graduate Student Acceptance Timelines and Procedures, Department of Community Health Sciences, Faculty of Medicine, University of Manitoba
- Member, Special Committee Reviewing Graduate Studies Regulations, Department of Community Health Sciences, Faculty of Medicine, University of Manitoba

Greg Finlayson

- Director, Carolyn Sifton Foundation Inc.
- Member, Canadian Hospital Reporting Project Expert Working Group, Canadian Institute for Health Information
- Member, Diagnostic Services of Manitoba Research and Innovation Funding Committee
- Reviewer, Canadian Association of Public Health Conference Abstracts
- Reviewer, Healthcare Policy
- Reviewer, Source Code for Biology and Medicine
- Member, American Public Health Association, US Lifeguarding Standards Coalition
- Student Senator, University of Illinois at Chicago
- Member, University of Illinois at Chicago Committee on Research
- Advisory Board Member, Encyclopedia of Health Services Research

Randy Fransoo

- Member, CIHI advisory group on health indicators for sparsely populated RHAs
- Department of Community Health Sciences Executive Committee
- Cardiac Health And Research in Manitoba (CHARM) group
- Manitoba Critical Care / Respiratory Research Group
- Manitoba Community Health Assessment Network
- Manitoba Early Child Development Advisory Committee
- Volunteer Board of Directors, Carter Daycare Inc

Alan Katz

- Member, Canadian Doctors for Medicare
- Member, CancerCare Manitoba Guidelines Implementation Steering Committee
- Member, Chartbook on Quality Healthcare advisory committee; Canadian Health Services Research Foundation
- Executive Committee Member, Centre for Healthcare Innovation
- Board Member, Health in Common
- Member, eHealth Research Advisory Committee
- Member, Physician Integrated Advisory Group
- Chair, Communications and Knowledge Translation Committee, Canadian Primary Care Sentinel Surveillance Network
- Member, Health, Leisure & Human Performance Research Institute Advisory Board
- Member, The Foundation for Medical Practice Education: review of educational module: Cancer Prevention: Role of Exercise
- Member, CIHR Peer review panel: Catalyst Grant: Primary and Community-Based Healthcare Committee
- External Reviewer, Nova Scotia Health Research Foundation
- External Reviewer, Department of Community Health Sciences University of Calgary (applications for tenure and promotion)
- External Reviewer, Department of Family Medicine University of British Columbia (for applications for tenure and promotion)
- Scientific Peer Reviewer, Journal of Clinical Outcomes Management
- Scientific Peer Reviewer, Epidemiology and Infection
- Member for Faculty of Medicine, University of Manitoba Senate
- Member, Faculty of Arts Proposal Development Fund Internal Assessment CIHR Research Grants
- Member, Undergraduate Education Committee, University of Manitoba, Faculty of Medicine, Department of Community Health Sciences
- Chair, Research Committee, University of Manitoba, Faculty of Medicine, Department of Family Medicine
- Member, Executive Management Committee, University of Manitoba, Faculty of Medicine, Department of Family Medicine
- Member, Fiscal Committee, University of Manitoba, Faculty of Medicine, Department of Family Medicine

Patricia Martens

- Individual expert member, Breastfeeding Committee for Canada
- Scientific Chair, Canadian Public Health Association National Centenary Conference, June 2010.
- Member, Centres for Research Development (CRD) Program Evaluation Advisory Group (CIHR IPPH)
- Board of Trustees Member, CHSRF
- Governance Subcommittee Vice-Chair, CHSRF
- Member, CIHI Expert Analytic Advisory Group
- Member, CIHR IHSPR's Financing, Sustainability, and Governance Working Group
- Member, CIHI Expert Advisory Group on Sparsely Populated Areas
- Committee Member, CIHR IPPH Summer Institute for Graduate Students
- Member, International Lactation Consultant Association (ILCA) Research Committee
- Editorial Review Board member, Journal of Human Lactation
- Member, Manitoba E-Health Research Advisory Committee
- Member, Physician Integrated Network Indicator Advisory Group, Manitoba Health
- Expert Advisor, Baby Friendly Coordinating Committee of Manitoba, Manitoba Health and the Regional Health Authorities
- Member, Aboriginal Capacity and Development Research Environments Review/Advisory Committee, through the Manitoba First Nation Centre for Aboriginal Health Research
- Organizer and Chair, MCHP 17th Annual Rural & Northern Health Care Workshop. Winnipeg, MB (October 27th, 2010)
- Member, Network of Centre Directors in Health Services and Policy Research (CIHR IHSPR, CHSRF)
- Member, St. Boniface Hospital BFI Accreditation Committee
- CHS Representative, Faculty Executive Council of the Faculty of Medicine, University of Manitoba
- Member, Senate Committee on University Research, University of Manitoba
- Member, Executive Committee, Department of Community Health Sciences, Faculty of Medicine, University of Manitoba
- Interviewer for the Admissions to Faculty of Medicine (MMI), University of Manitoba
- Member, Winnipeg Health Sciences Centre Birth Centre Advisory Committee
- Workshop leader (P. Martens, J. Freeman of U. of Toronto). CAHSPR Pre-conference workshop: CIHR IHSPR Workshop for Graduate Students on Grant Writing. Toronto, Ontario (May 10, 2010)

Colleen Metge

- Member, Senate Committee on Awards (SCOA), University of Manitoba
- Member, Association of Faculties of Pharmacy of Canada (AFPC) Program Evaluation Task Force
- Member, American Association of Colleges of Pharmacy
- Member, Association of Faculties of Pharmacy in Canada
- Chair, Canadian Teachers of Pharmacy Administration
- Member, Canadian Association of Population Therapeutics (CAPT)
- Member, Expert Advisory Committee for the Vigilance of Health Products (Health Canada)
- Member, International Society for Pharmacoepidemiology
- Alumni Member, Lambda Kappa Sigma

Leslie Roos

- Member, College of Reviewers, Canada Research Chairs Program

Noralou Roos

- Member, Manitoba Institute for Child Health Review Committee
- Member, Point Douglas/Lord Selkirk Park Project Advisory Board
- Member, Drug Safety and Effectiveness Network Steering Committee
- Member, Provincial Healthy Child Advisory Committee, Healthy Child Manitoba
- International Faculty Member, Robert Wood Johnson Health and Society Scholars Program, Universities of San Francisco and Berkeley
- Member, United Way Board of Trustees
- Member, University of Manitoba Bannatyne Campus Research Ethics Board
- Chair, Promotion and Tenure Committee, Department of Community Health Sciences, University of Manitoba
- Member (Scientist), Manitoba Institute of Child Health (MICH)

Evelyn Shapiro

- Senior Scholar, Department of Community Health Sciences
- Member, Gerontological Advisory Committee, Department of Veterans Affairs
- Chair, Family Care Committee, Sub-Committee of the Gerontological Advisory Committee, Department of Veterans Affairs

Mark Smith

- Chair, Infrastructure for Sharing Knowledge, Pan-Canadian Task Group on Data Validation and Documentation of Administrative Data
- Member, Risk Analysis Expert Working Group, Mental Health Commission of Canada
- Co-Chair, Mental Health Advisory Committee, Public Health Agency of Canada
- Member, Canadian Chronic Disease Surveillance System – Science Committee, Public Health Agency of Canada
- Member, Task Group to Draft Case Validation Framework, Public Health Agency of Canada
- Member, Editorial Board, Hypertension in Canada, 2010, Public Health Agency of Canada
- Member, Cardiovascular Diseases P/T Surveillance Working Group, Public Health Agency of Canada
- Member, MCHP Administrative Management Committee
- Member, MCHP Executive Management Committee
- Member, MCHP Data Management Committee
- Chair, MCHP Repository Management Committee
- Member, Manitoba Chronic Disease Surveillance Advisory Committee, Manitoba Health
- Member, Chronic Respiratory P/T Surveillance Working Group, Public Health Agency of Canada
- Member, Mental Health P/T Surveillance Working Group, Public Health Agency of Canada
- Member, Outcomes Research Task Force, National Hypertension Surveillance Strategy, Public Health Agency of Canada

finance

In addition to the \$2.325 million in funding received from Manitoba Health (as detailed in Figure 1), MCHP researchers continued to be successful in receiving career awards and research grants in peer-reviewed competitions. MCHP operating funds available from these other sources for 2010/2011 fiscal year totalled approximately \$2.11M (Figure 2).

Endowments/Gifts - New & Ongoing

MCHP Population-Based Child Health Research Fund

Awarded by the Department of Science, Technology, Energy and Mines, Province of Manitoba to support an outstanding child health researcher to coordinate and lead child health research at MCHP.

- Recipient: Dr. Marni Brownell

Evelyn Shapiro Health Services Research Award

Provides support to a graduate student in the Faculty of Graduate Studies, specifically in the Faculty of Medicine, whose thesis research will use the Population Health Research Data Repository housed by the Manitoba Centre for Health Policy.

- Recipients: Rachel Carr, Brenda Comaskey, Yang Cui, Janelle de Rocquigny

Roos Award in Population Health

The Les and Noralou Roos Graduate Student Scholarship Endowment Fund was established in March 2010 to honour the pioneering work of Drs. Leslie and Noralou Roos in the use of administrative data for research, and their role in the creation of the Manitoba Centre for Health Policy (MCHP). To date, no awards have been distributed.

The Lupina Foundation Gift

A gift of \$685,000 over the period July 2005 to June 2010 for the project, "Research Knowledge Transfer—A Web-Based Concept Dictionary." This funding has enabled MCHP to expand its documentation on healthcare costing methods and prescription drug utilization, and to facilitate national and international collaborations on these and other methodological issues.

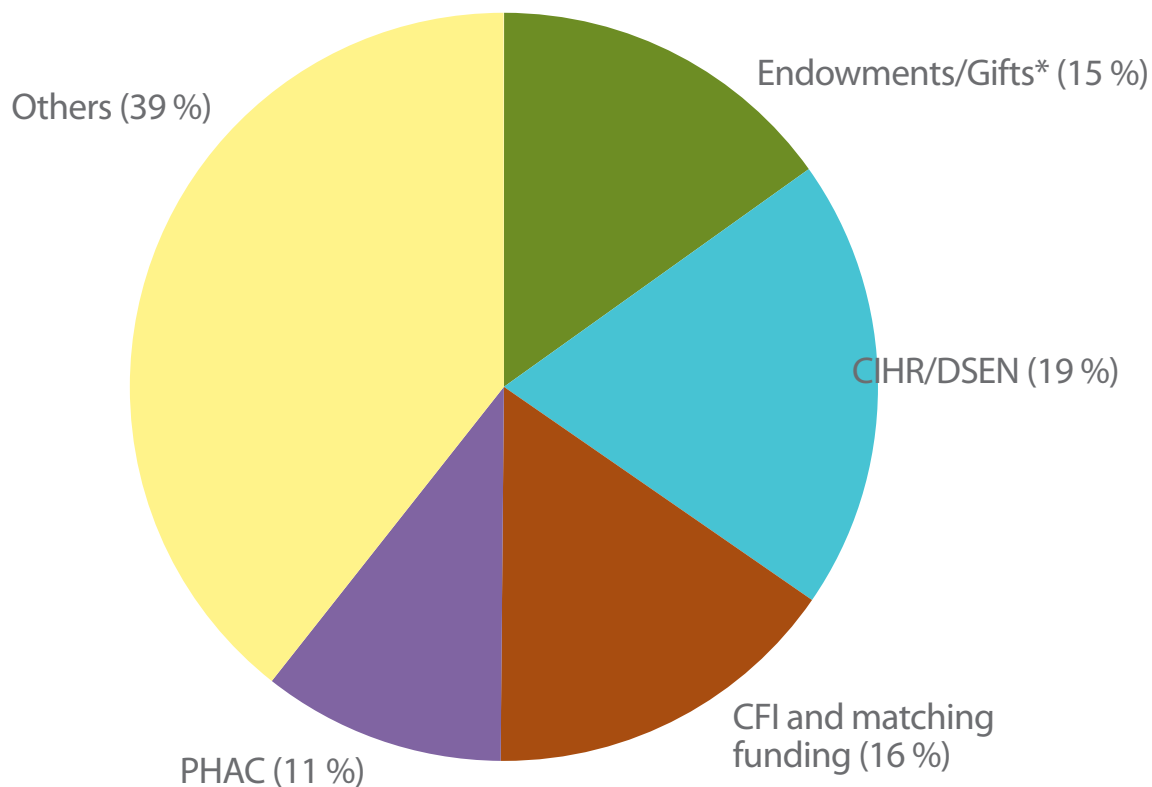
Personnel Awards

- Patricia Martens: CIHR/PHAC Applied Public Health Chair, 2008–2013, \$120,000 per year
- Randy Fransoo: Gerry McDole Professorship in Improved Healthcare Delivery to Rural, Remote and Underserved Populations of Manitoba, 2010 – 2013, \$50,000 per year.

Figure 1: Manitoba Centre for Health Policy's Manitoba Health Budget, April 1, 2010 – March 31, 2011

Manitoba Centre for Health Policy	
Salaries	
Staff	\$1,640,905.42
Staff Benefits	277,931.96
Payroll Levy	43,347.82
External Contracts	60,521.08
Salaries Subtotal	\$ 2,022,706.28
Other Expenditures	
General Office Expenses	\$169,487.40
Equipment	
Purchases	76,845.12
Maintenance	23,432.43
Travel	32,528.77
Other Expenditures Subtotal	\$302,293.72
TOTAL EXPENDITURES	\$2,325,000.00

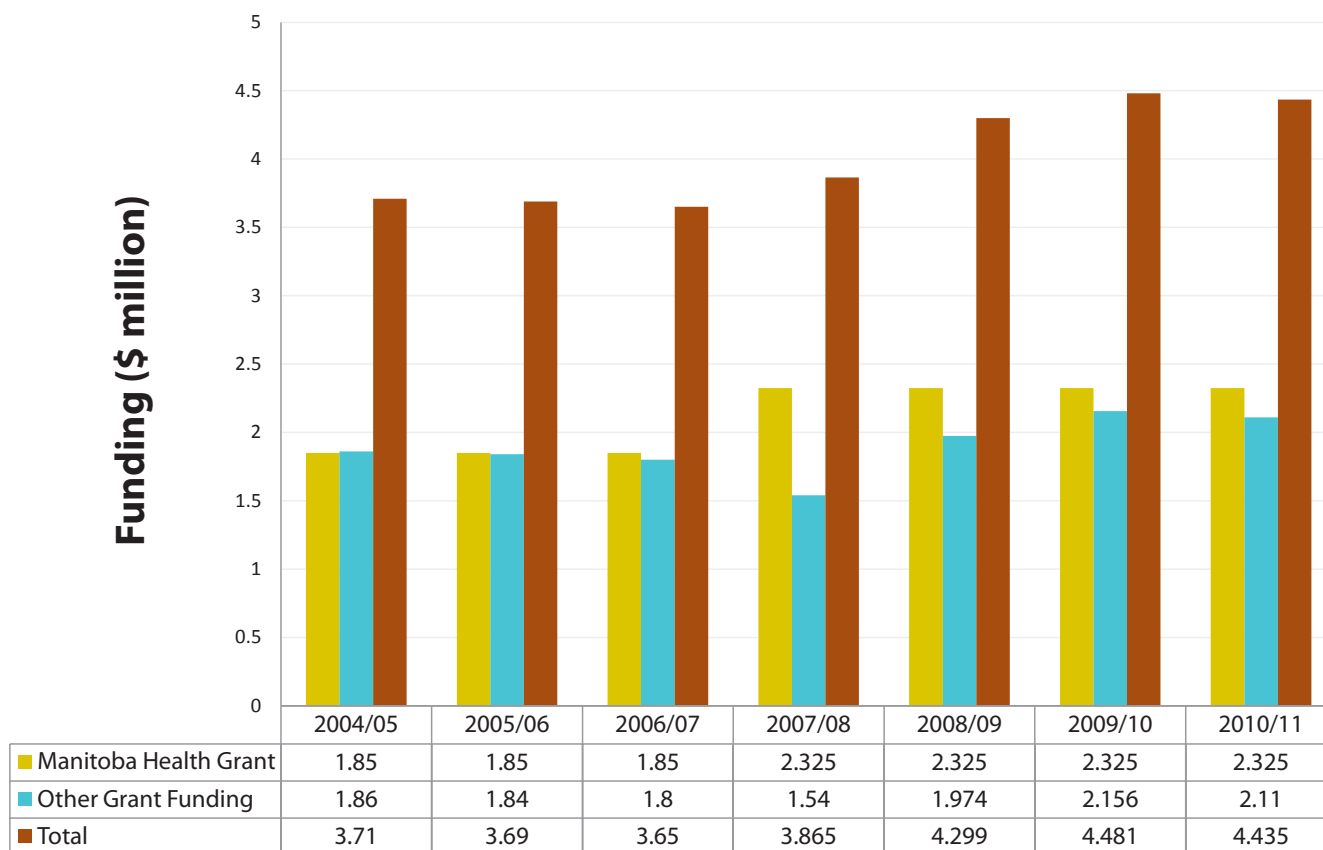
Figure 2: Additional operating funds available in 2010/2011



***Endowments/Gifts:**

Energy, Science & Technology Endowed Chair in Child Health
The Lupina Foundation
Evelyn Shapiro Award for Health Services Research

Figure 3: Annual Funding Since 2004/05 Fiscal Year





UNIVERSITY | Faculty of
OF MANITOBA | Medicine

Community Health Sciences

The Manitoba Centre for Health Policy
Department of Community Health Sciences
Faculty of Medicine

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Health
Policy