CONTENTS

Message from the Director 3

Overview of the Centre 4

Mission, Vision, Goals 4

Type of Centre 5

Report Prepared by 5

Personnel 6

MCNHR Activities 11

Services Provided to MCNHR Members and Graduate Students 19

Academic Contributions 20

Sources of Funding Authorized for 2013 28

Grants 28

Endowment/Trust Income 34

University Support 34

Other 34

Financial Stability 35

MCNHR Accomplishments in the Past Year 35

Future Growth 36
Message from the Director

Dr. Diana Clarke

A great research centre is built on its members, staff and students. Within the pages of this report, you will see many outstanding accomplishments from our research and professional affiliates. Our members continue to demonstrate remarkable success at attracting research funding for worthy projects and they continue to receive awards and distinctions in recognition of their contributions in research and professional practice. You will also notice that our graduate student members are also adding to our success through their accomplishments in research awards and funding.

The MCNHR commitment to increasing funding and opportunities to foster graduate student involvement in research is highlighted in many activities featured in this report. With the generous support of the Faculty of Nursing Endowment Fund and other sources of funding, the MCNHR was able to provide more than double the amount of funding available to support graduate student thesis and dissertation research. We have also established a new Graduate Student Travel Award and have piloted and evaluated a Graduate Student Research Training Award.

Over the last year, the MCNHR has continued to grow initiatives that foster collaboration and we were very pleased to host an inaugural MCNHR/WRHA Collaborative Research Day: Building Successful Research Partnerships. The planning for this event was a major activity for 2013. We concluded, what marked a very busy year of our center, by offering the Joanna Briggs Institute (JBI) Comprehensive Systematic Review Training in December where we were able to train 24 affiliates as certified JBI reviewers and were able to fund 9 collaborative teams of involving graduate students to begin working on JBI reviews.

This year also marks the five year anniversary of the re-branding and revitalization of the former Manitoba Nursing Research Institute into the Manitoba Centre for Nursing and Health Research. A key activity as we look forward into the future is the development of a new strategic research plan for the MCNHR. As we look into the future, we will also take the opportunity to take stock of all that we have accomplished in the last five years by producing a Five Year Report of the MCNHR.
Overview of the Centre

The Manitoba Centre for Nursing and Health Research (MCNHR) is a research unit within the Faculty of Nursing at the University of Manitoba that promotes and supports the conduct, dissemination and uptake of collaborative nursing and health research.

Formerly known as the Manitoba Nursing Research Institute (MNRI) which was established in October 1985, the name of the Centre/Institute was changed in 2008 to reflect a broader interdisciplinary focus on health research. The change also allows a wider appeal for health care professionals and researchers from disciplines other than nursing to become Members of the Centre. “Manitoba” is retained in the name because the Centre is envisioned to play a key role in promoting nursing and health research throughout the province.

Staff at the MCNHR include: the Director (Dr. Diana Clarke), an Administrative Secretary (Lisa Wolfe-Ulrich), Associate Director (Diane Cepanec), a Research Technician (James Plohman), a part-time Statistician (Brenden Dufault), one contract editor (Angela Miller) as well as several undergraduate student Research Assistants.

Mission, Vision, Goals

**Mission**
To create an environment that promotes and supports the conduct, dissemination and uptake of collaborative nursing and health research to benefit the health of Manitobans and beyond.

**Vision**
Members of the Manitoba Centre for Nursing and Health Research will be recognized for excellence and leadership in nursing and health research provincially, nationally and internationally.

**Goals**
- To foster the conduct of high quality nursing and health research by members of the Centre.
- To promote knowledge translation through dissemination and uptake of research results to contribute to evidence-based practice and improved health of Manitobans and beyond.
- To foster partnerships and interdisciplinary collaborations between members of the Centre, practitioners, and researchers in other faculties, universities, research units and the community.
- To increase the visibility of research and scholarly activities conducted by members of the Centre locally, provincially, nationally, and internationally.
- To expand and enhance the research training opportunities for undergraduate and graduate students, postdoctoral fellows, and other trainees within the Centre.
Type of Centre

Type I (within a faculty)

The MCNHR facility consists of 1,448 square feet of space and features five research offices (rooms 212, 215, 216, 217 and 206). Room 212 is the main office of the MCNHR and features a reception area. Research activities of the MCNHR are supported by the Research Assistant office (room 215) that houses five work stations as well as a resource library that includes a large collection of qualitative and quantitative research methods books and several resource binders of recent publications related to evidence-based practice and knowledge translation, scales and tools and systematic reviews. The other three offices include the Director's Office (room 217), the office of the Research Technician (room 206), and the office of the Associate Director (room 216). A display board outside the MCNHR features upcoming Research Seminars and highlights the research activities of members.

Report Prepared by

Dr. Diana Clarke, Associate Professor and Associate Dean, Research, Faculty of Nursing, and Director, MCNHR
Ms. Diane Cepanec, MA, Associate Director, MCNHR
Mr. James Plohman, MSc, Research Technician, MCNHR
Mrs. Lisa Wolfe-Ulrich, Administrative Secretary, MCNHR
Personnel

The MCNHR currently has over 200 members including 71 research affiliates, 43 professional affiliates, over 80 graduate students and friends.

Our research affiliates include Manitoba researchers from Nursing, Medicine, Medical Rehabilitation, Social Work, Arts, Science, Human Ecology, Kinesiology and Recreation as well as researchers from Brandon University, Red River College, and University College of the North and researchers from across the country. Our professional affiliates represent sites within the Winnipeg Regional Health Authority (e.g., Health Sciences Centre, St. Boniface General Hospital, Riverview Health Centre, Deer Lodge Centre, and Victoria General Hospital) as well as with regional health authorities outside of Winnipeg (e.g., Burntwood and Parkland). Professional affiliate members of the MCNHR are from the fields of nursing, social work, and medical rehabilitation. Our professional affiliates work in a variety of positions, ranging from decision-makers at all levels to clinical researchers and advanced practice nurses.

See Appendix A for the list of Research Affiliates and Professional Affiliates

Members of the Centre had the opportunity to mix and mingle at the annual MCNHR members meeting that took place on April 9, 2013.
Manitoba Centre for Nursing and Health Research Advisory Board

The functions of the MCNHR Advisory Board are:
- To advise on the MCNHR strategic direction by providing advice with respect to emerging challenges and opportunities.
- To advise and assist the MCNHR to determine an appropriate set of activities to meet its mission, vision and goals.
- To assure the long-term viability of the MCNHR.
- The advisory board has fulfilled these functions through their involvement and engagement in discussions related to how to expand the membership of the MCNHR, their suggestions for activities and fundraising and their guidance on how to increase the profile of the MCNHR.
- The MCNHR Advisory Board Chair is Dr. Terry Klassen, CEO and Scientific Director Manitoba Institute of Child Health and Academic Lead, George and Fay Yu Centre for Health Care Innovation

See Appendix B for the list of MCNHR Advisory Board Members.

Manitoba Centre for Nursing and Health Research Staff

Director

Dr. Diana Clarke, RN, PhD, Associate Dean, Research in the College of Nursing and Director for the MCNHR.

The Director is responsible for providing academic and administrative leadership for research within the Faculty of Nursing and the MCNHR, and implementing strategies to fulfill the mission and goals of the MCNHR. She encourages and facilitates applications by MCNHR members for research grants and awards, while ensuring that appropriate infrastructure and resources are in place to support and sustain a culture of research productivity and excellence. She provides a consultative perspective to MCNHR quality assurance projects and is available for research consultations with members of the MCNHR. In her role, she liaises with local, provincial, national, and international research groups to actively promote and increase the visibility of nursing and health research conducted by members of the MCNHR within the province and beyond.
**Associate Director**

Diane Cepanec, BA, MA, coordinates and facilitates the development and delivery of research services to support the research and scholarly activities of members of the MCNHR. She works closely with MCNHR members in developing research proposals for submission to internal and external funding agencies by providing consultation on funding opportunities and guidelines, pre-review of grant applications, and assistance with the development of project budgets and knowledge translation plans. She provides daily supervision, training, and support to research assistants and summer interns working in the MCNHR. She works closely with the Director to plan, develop and implement initiatives and resources to enhance service, quality and the performance of the Centre. Diane has expertise in both qualitative and quantitative research and has over 12 years’ experience in project coordination, research design, data management, analysis, and reporting. In 2013, Diane expanded her leadership skills by participating in the Academic Health Sciences Leadership Program where she focused the capstone project as part of this course on Developing a Strategic Research Planning Framework for the MCNHR.

**Research Technician**

James Plohman, BSc, MSc, provides a wide array of research support services to members of the centre. These include: coordination of short-term projects, setting up and implementing online surveys, data management, entry and analysis, preparing or reviewing research ethics and institutional access applications, and assistance with online CVs. He also coordinates the Faculty of Nursing Quality Assurance projects such as follow-up surveys of new graduates from the undergraduate and graduate programs, impact factor analysis of faculty publications and focus groups with nursing employers.
Administrative Secretary

Lisa Wolfe-Ulrich provides secretarial and administrative support to the Associate Dean of Research/Director of the MCNHR and coordinates MCNHR office functions. She plays a key role in organizing and supporting MCNHR activities, including seminars, workshops, meetings, and forums. She provides secretarial and administrative support for various MCNHR committees and for research grant submissions by Members of the Centre. Lisa also manages research grant accounts for MCNHR members, including preparing and processing administrative forms, and reconciling grant expenditures.

Statistician

Brenden Dufault, BSc, MSc, has a degree in honours statistics from the University of Manitoba and an MSc in Biostatistics & Epidemiology from the University of Western Ontario. His personal research has specialized in causal models with the use of linear and generalized linear regression techniques such as Poisson and negative binomial regression. Brenden provides statistical support for members of the Centre and graduate students in research design, sample size calculation, and methodology considerations as well as guidance on choosing the most appropriate statistical procedures, performing analysis and interpretation of results. Brenden is available for statistical consultation one day a week at the MCNHR and is employed the remaining four days a week at the Biostatistical Consultation Unit, Faculty of Medicine.
Editor

Angela Miller, RN BN, attended the University of Manitoba from 2005 to 2012. During these 7 years, Angela worked as a student research assistant for the department of human nutritional sciences (Dr. James Friel) and Faculty of Nursing (MCNHR). With Dr. James Friel, Angela had the privilege of co-authoring 3 journal articles related to infant nutrition. In her role at the MCNHR, she was routinely called upon by professors and graduate students to edit/review their manuscripts prior to journal submission. She is skilled at providing in the formatting of manuscripts to meet journal guidelines as well as in the use of APA and other formatting styles. Angela holds a Bachelor of Nursing degree. In addition to working as a contract editor with the MCNHR, Angela practices as a Community Palliative Care Nurse.

Research Assistants

During 2013, the MCNHR hired and trained a number of undergraduate nursing students as research assistants (RAs). The training they received included: an SPSS workshop, to develop basic skills in using SPSS for quantitative data management and analysis; several literature search workshops, to introduce the students to different search tools in various electronic databases, and to assist them in searching in a more efficient, effective manner; and a workshop on using RefWorks. As a result of their positions, the RAs gained an increased knowledge and understanding of nursing research and experiences in various phases of the research process.

Student research assistants (RAs) provide research support services to assist Members of the Centre in their scholarly and research activities. RA support services include high quality literature and information searches, quantitative and qualitative data entry and analysis, assistance with completing on-line forms, management of bibliographic references using reference managing software, and assisting in the preparation of reports, publications, and poster presentations.
MCNHR Activities

Researcher in Residence 2013

The MCNHR was pleased to host Dr. Greta Cummings as the 2013 Dr. Helen Glass Researcher in Residence from April 8-11 2013.

Dr. Greta Cummings joined the Faculty of Nursing, University of Alberta in 2004 following 15 years of senior administrative leadership experience in hospital, regional and provincial health services. She established the CLEAR Outcomes research program in leadership science in health services, which focuses on the leadership practices of healthcare decision-makers and managers to achieve better outcomes for providers and patients. Dr. Cummings has systematically documented the effects, both positive and negative, of specific leadership practices on outcomes for the health system, the healthcare workforce and for patients. Dr. Cummings is sought out by local, national, and international colleagues around the world to supervise students, collaborate on research, provide addresses on her leadership research, and to provide consultation. Dr. Cummings’ work has been recognized nationally and internationally through several prestigious research awards, including the CNA Order of Merit for Research (2010), and the CASN Award for Research Excellence (2008). In September 2011 she was inducted as a Fellow into the Canadian Academy of Health Sciences, considered one of the highest honours for individuals in the Canadian health sciences community.

Presentations given by Dr. Cummings included “Leadership for our times” where she reviewed the need for leadership in our current health system and how some styles achieve better outcomes and “Connecting Leadership to Outcomes” where she focused on factors to consider when establishing a research program. Dr. Cummmings delivered two workshops one focused on “Building Capacity in Health Systems Research” where she discussed strategies to develop research and partnerships in health systems research and a second workshop targeted to students on “Publish or Perish – Where do you start?” where she discussed factors that promote success and those to avoid. Additionally, Dr. Cummings met with faculty members, graduate students, and clinicians and managers in consultation around a variety of topics of mutual interest.
Summer Internship Program

The Summer Internship Program was piloted in 2010. The program engages undergraduate students in faculty research projects by combining paid employment with student learning, mentorship, collaboration and scholarship.

The MCNHR was pleased to welcome Samantha Classen, Liliane Allegro, Kristine Popik and Rachel Usick as our 2013 Summer Interns. They worked on the following projects:

- Kristine Popik worked with Dr. Beverley Temple on several projects including factors associated with the development of a parastomal hernia in Manitobans, living with an ostomy and a second study on developing a cookbook for people with intellectual disabilities.
- Liliane Allegro worked with Dr. Marie Edwards on identifying the most prominent ethical concerns for palliative homecare nurses.
- Rachel Usick worked with Dr. Diana Clarke on two major projects: research study examining emergency department triage decision making with mental health presentations using a "think aloud" approach and data analysis of WRHA Psychiatric Emergency Nursing forms as part of an evaluation of the new Crisis Response Centre impact on emergency departments in Winnipeg.
- Samantha Classen worked with Dr. Elaine Mordoch on a project involving street youth’s perceptions on mental health, mental illness and addictions.

Left to right: Kristine Popik, Liliane Allegro, Rachel Usick and Samantha Classen
MCNHR Graduate Student Research Training Award Recipients

In 2013, the MCNHR was pleased to pilot and evaluate MCNHR Graduate Student Research Training Awards ($5,000). These awards were offered to support research training and experience for graduate students with supervisors in the Faculty of Nursing on a research project that is separate from their thesis/dissertation. The recipients of the MCNHR Graduate Student Research Training Awards for 2013 are:

Shelley Marshall who worked with Dr. Benita Cohen on “A scoping review of policy advocacy in knowledge translation discourse”.

Kendra Rieger who worked with Dr. Maureen Heaman on a secondary data analysis to examine “Factors associated with prenatal maternal stress among inner-city women”.

Yenly Londono who worked with Dr. Diana McMillan on “A Concept Analysis of Adaptation”.

Evaluation of this pilot of MCNHR Graduate Student Research Training Awards provides support that the program was highly valuable to students and produced several key outcomes related to skill development and scholarly activities. Findings also support that the MCNHR should continue to secure funding to offer the program in the future.
Engaging Students in Research

The MCNHR also supported the following faculty-mentored research experiences for undergraduate students by having the students attend research workshops offered by the MCNHR and providing them with opportunities to dialogue and exchange with other summer students and mentorship with the MCNHR interns:

Larissa de Freitas Cardoso and Simone Cristina da Silva Rosa, nursing exchange students from Brazil who are part of the Science without Borders Program at the University of Manitoba worked with Dr. Joe Gordon at the Manitoba Institute of Child Health on the project entitled, “Regulation of mitochondrial dynamics and programmed cell death by BH3-proteins in cardiac muscle.”

The Network Environment for Aboriginal Health Research (NEAHR) award recipients Nadia Green (undergraduate nursing student) and Ellen Hart (University 1 student) worked with Dr. Donna Martin and her research team on a CIHR grant application and a publication.
End of Summer Celebration and Showcase of Student Engagement in Research

On August 20, 2013 the MCNHR hosted an event to celebrate and showcase student engagement in research. The event included brief presentations (3 minutes each) from 12 undergraduate and graduate summer students involved in research projects. All faculty and staff were welcomed to come attend and hear some of the exciting work that the students have been involved in. A big thank-you to all who attended the celebration!

Quotes from Summer Interns’ experiences working at MCNHR:

“My intern experience has been one of the great opportunities in my life thus far and the experiences gained will continue to benefit for my entire nursing career.”  
-Rachel Usick

“After being part of the summer intern program where my interest in research has been sparked, I feel as though I will definitely return to university after graduating with my BN to complete a Master’s Degree.”  
-Lillian Allegro

“A workplace where you laugh multiple times a day and leave with a smile on your face.”  
-Samantha Classen

“This experience has opened my eyes to a whole new side of nursing that I didn’t know about before. Not only has this job sparked my interest in nursing research, but it has given me the skills that I will need to do nursing research.”  
-Kristine Popik
Graduate Student Research Poster Competition

The Manitoba Centre for Nursing and Health Research (MCNHR) Graduate Student Poster Competition is held in conjunction with the Helen Glass Researcher in Residence event. The competition is open to all current or recent (within the last year) graduate students in the Faculty of Nursing or PhD program in Applied Health Sciences, Interdisciplinary PhD, or PhD in Cancer Control whose advisor is a member of the Faculty of Nursing.

2013 Winners

Gold Winner: Vanessa Reynolds (Dr. Lynn Scruby, Advisor) “Listening to Adolescents about Text Messaging in Sexual Health”. ($500 Book Store Gift Certificate)


Bronze Winner: Yenly Londono (Dr. William Diehl-Jones, Advisor) “A Survey of Factors Associated with Health Care Professional’s use of Probiotic in Preterm Infants”. ($200 Book Store Gift Certificate)

Graduate Student Travel Award

The MCNHR is pleased to have received funding ($5,000/year for five years) from the Faculty of Nursing Endowment Fund to establish a Graduate Student Travel Award to support graduate student travel to present at conferences.
Research Day

On April 11, 2013, the MCNHR and WRHA hosted the inaugural Collaborative Research Day: Building Successful Research Partnerships with over 90 clinicians, managers, researchers and students in attendance.

The Research Day sponsored was by the Manitoba Centre for Nursing and Health Research (MCNHR), Faculty of Nursing, University of Manitoba, and the Winnipeg Regional Health Authority (WHRA) was held at the Faculty of Nursing, University of Manitoba.

The day began with opening remarks from Dr. Beverly O’Connell, Dean, Faculty of Nursing and Lori Lamont, Chief Nursing Officer WHRA and a keynote presentation from Dr. Greta Cummings, the 2013 Dr. Helen Preston Glass Researcher in Residence. Dr. Cummings delivered an engaging presentation on developing research partnerships for health system improvement. She provided thoughtful insights into the differences in interests, motivators and incentives between researchers and decision-makers when it comes to working together in research partnerships. Dr. Cummings also offered sound advice on how to overcome the challenges to build highly effective teams of researchers and decision-makers. The day continued with two concurrent sessions with brief oral presentations on research and quality improvements projects that involved successful partnerships and collaborative teams. The concurrent sessions featured a total of 22 collaborative projects, 11 in each session. Presenters rose to the challenge of sharing how their project exemplified building a successful partnership in only 6 minutes and 3 PowerPoint slides. The format of the brief presentations proved remarkably successful: Presenters used incredible energy and excitement to highlight the main aspects of their project. A large number of attendees commented on how much they enjoyed brief presentations as it was both informative and inspiring to hear about so many diverse and great examples of successful collaboration across the region. The research day also included a poster session showcasing research and quality improvement projects across Manitoba and provided ample opportunity for networking, dialogue and exchange. In the afternoon, attendee’s worked in small groups to discuss what are the ingredients or components of successful research collaboration and what is needed to be successful. The day concluded with a facilitated session on how to carry the momentum from the day into the future.
JBI Comprehensive Systematic Review Training

The MCNHR hosted the Joanna Briggs Institute (JBI) Comprehensive Systematic Review Training Workshop in December.

A total of 24 participants including faculty, Graduate students and clinicians participated in the training.

Dr. Bridiekent, Plymouth University, Certified JBI Trainer and Dr. Beverley Temple, University of Manitoba, Certified JBI Reviewer facilitated the JBI workshop.

Systematic Review Awards

The Faculty of Nursing and MCNHR are pleased to announce that we were able to fund a total of 9 collaborative teams through its Systematic Review Awards Competition. Congratulations to the following teams:

- Bev O’Connell, Beverley Temple, Carol Enns, Barbara Goodwin, Lyle Grant, Loreley Greenslade (Naomi Nickerson, NP, MN Nursing Student); Effective education models for student nurses on clinical placements, $5,000

- Maureen Heaman, Dawn Kingston, Hamideh Bayrampour (Suzanne Lennon, PhD Nursing Student, and Yenly Londono, PhD AHS Student); Effective prenatal care interventions on the timing of PCN initiation, number of PNC visits as well as maternal and child outcomes, $10,000

- Wanda Chernomas, Diana Clarke, Shelley Marchinko, (Jane Karpa PhD AHS Student and Kendra Rieger, PhD Nursing Student); What is the state of science in relation to psychosocial aspects of living with schizophrenia within the context of early psychosis programs, $10,000

- Bev Temple, Beverley O’Connell, Lyle Grant, Loreley Greenslade (Preetha Krishnan, Occasional Graduate Student); Effective emergency room interventions to reduce admission of patients with dementia, $5,000

- Diana Clarke, John Baker (Krystal Boyce-Gaudreau MN Student and Celeste Waldman, MN Student); What are emergency staff attitudes towards patients with drug or alcohol related presentations, $10,000

- Wanda Chernomas, Diana McMillan, Francine Morin, (Kendra Rieger, PhD Nursing Student); What is the impact of arts-based pedagogy on undergraduate nursing student learning, $5,000

- Nicole Harder, Jannell Plouffe, Diane Cepanec, Patrick Griffith, Kathy Doerksen, Patricia Gregory, (Kari Mann, MN Nursing Student); The effectiveness of handheld computers on reduction of medical errors, $5,000

- Roberta Woodgate, Lisa Demczuk, Jalal Safipour, Pauline Tennent, Bernadine Wallis, Pamela Wener, (Corey Sigurdson, RN, PhD Student, Department of Applied Health Sciences); 1. What meanings do young people assign to living with mental illness? 2. What meanings do young people assign to mental health care services? 3. How does living with a mental illness shape daily life for youth living with mental illness? 4. To describe what hinders and helps youth with mental illness to live satisfying, hopeful, and productive lives?, $5,000

- Maureen Heaman, Kellie Thiessen, Hamideh Bayrampour, Lisa Demczuk, (Suzanne Lennon, RN, PhD Nursing Student); 1) What are the gender differences in adults’ perception of health related risk? 2) How does gender impact the perception of health related risk?, $5,000.
Services Provided to MCNHR Members and Graduate Students

The MCNHR offers a comprehensive system of support services for research grant development (including pre-review of grants, literature searches and retrieval, assistance with budget development, on-line applications, and CV modules) and research dissemination activities (including assisting with PowerPoint and poster presentations and copy editing services). The MCNHR offers assistance with ethics and access applications and offers project coordination for online surveys and other short term research projects. The MCNHR also provides administrative support for grants and offers workshops on grant writing and development of research skills. Other research support and resources include professional development workshops, monthly research seminars and weekly research announcements. The MCNHR also offers four research grants and has a library of research resources and equipment that can be loaned.

See Appendix C for a list of services provided to MCNHR members and Appendix D for a list of services provided to graduate students.
Academic Contributions

Grants Applied for by Faculty of Nursing Members

The MCNHR maintains a research database to monitor and track the success of research grant applications and career awards of faculty members. The total number of grants applied for in 2013 was 56.

Grant Type submitted for Funding 2013 (n=56).
Status of Grants by Agency Applied to in 2013 (n=56)

- CIHR: Submitted 23, Funded 13
- National: Submitted 13, Funded 5
- Provincial: Submitted 11, Funded 7
- Internal: Submitted 9, Funded 8
Grants Currently Held by MCNHR Members

See Appendix E for a list of grants received by members during 2013.

Career Awards

Four University of Manitoba faculty members and research affiliates are supported through Career Awards that provide time protection for research.

Lobchuk, M. “Theoretical development and testing of an intervention to enhance empathic understanding of patients' illness and symptom experiences by family caregivers”, (2011-2016), Manitoba Research Chair Award from the Manitoba Health Research Council (MHRC) Chair, $500,000.

Woodgate, R. "Advancing our understanding of children's and youth's health and illness experiences", (2010-2015), Manitoba Research Chair Award from the Manitoba Health Research Council (MHRC), $500,000. Woodgate, R. "A child & youth centered approach to applied health services & policy research", (2012-2017) CIHR Chair Award, $500,000.

Hack, T. “Psychosocial and Supportive Care Oncology Research”, (2012-2015), Chair Award from the Canadian Breast Cancer Foundation (Prairies/NWT), $600,000.
Thompson, G. “Development and testing of a question prompt sheet for family caregivers of older adults with dementia in long-term care”, (2011-2016), CIHR New Investigator Award, $300,000.

College of Registered Nurses of Manitoba Awards

On May 9, 2013 the College of Registered Nurses of Manitoba honoured Registered Nurses with the 2013 Professional Nursing Awards. One of the five honored was a Professional Affiliate with the MCNHR.

Excellence in Professional Nursing Award: Preetha Krishnan

The award of excellence reflect all the major practice settings in which registered nurses work, including direct care, administration, research and education. This award is given to a registered nurse whose practice exemplifies excellence in nursing.

Other Awards and Recognitions

Dr. Beverley Temple was accepted into KT Canada network of Canadian experts in knowledge translation.
Dr. Roberta Woodgate was one of five University of Manitoba Delegates whose nomination was accepted for participation in the G20 Youth Forum Conference in Saint Petersburg, Russia from April 17-21, 2013.

Dr. Susan McClement received the Sandy McKinnon Memorial Lectureship from Covenant Health for her work on psychosocial and spiritual aspects of palliative care.

Ms. Heather Joyce Campbell-Enns, PhD Student in the Interdisciplinary Cancer Control and supervised by Dr. Roberta Woodgate received a CIHR Frederick Banting and Charles Best Canada Graduate Scholarship (CGS) Doctoral Award valued at $35,000/year for two years.

Ms. Crystal Cook, MN student, received a Manitoba Network Environment for Aboriginal Health Research (NEAHR) graduate fellowship ($17,500).
Dr. Michelle Lobchuk received $188,784 from CFI for her to build “Caregiver Research Environment (CARE): A Naturalistic Setting for Empathic Communication” at the Grace Hospital that will focus on identifying strategies to support family caregivers. Additional partners supporting this innovative project include the Province of Manitoba, the Thomas Sill Foundation, the Faculty of Nursing Endowment Fund and the Grace Foundation/Winnipeg Foundation.

Dr. Thomas Hack was named Honorary Research Associate, Division of Cancer Experiences and Nursing Research, Peter MacCallum Cancer Centre, Melbourne, Australia, for a 3-year period starting July 1, 2013.

Dr. Benita Cohen received an Community Health Nurses of Canada (CHNC) Award of Merit. The Award of Merit is offered each year to one outstanding nurse for their exemplary, visionary contribution to community health nursing. Benita's accomplishments raise the profile of the Faculty of Nursing, University of Manitoba and the agenda of the need to address health inequity gaps.

Marlee M. Spafford, Matthew D. Iley, Dr. Annette S.H. Schultz, and Ryan D. Kennedy received the Dr. Lester Janoff Award for Writing Excellence which recognizes the outstanding writing of a research article published in the Associate of Schools and Colleges of Optometry (ASCO) Journal Optometric Education.
Research Seminar Series

The MCNHR organizes the Research Seminars, which provide a forum for researchers to share findings of recently completed research projects. The 11 Seminars this year have been well attended at the Fort Garry site and have been typically broadcast to upwards of four academic and clinical Manitoba Telehealth sites.

The list of Research Seminars can be found in Appendix G.

Professional Development Sessions and Workshops

The MCNHR has also organized 11 Professional Development sessions to build research capacity. The list of Professional Development sessions can be found in Appendix G.

Nursing Education Quality Assurance Projects

The MCNHR conducts a series of quality assurance projects on an annual basis. During the past year, these projects have included:

Provincial Survey of New Nursing Graduates

A survey of all Manitoba nurses graduating from RN accredited programs is conducted six months after their graduation. The project, sponsored by the Nurses Retention and Recruitment Fund (Manitoba Health) gathers information about graduate’s employment status, employment intentions, satisfaction with their education program, plans for future education, challenges and opportunities encountered in the job market and intentions of leaving the province. In 2014, we have added a survey to be conducted at 12 months after graduation. Reports are prepared annually for distribution to the participating educational institutions, Manitoba Health and survey participants.

MN Graduate Survey

Master of Nursing graduates were interviewed by telephone to gather information from them about their MN graduate program experiences. Graduates were asked about their current employment status as well as information about the MN program’s strengths and weaknesses, their satisfaction with the program, challenges encountered, course delivery options available, support from their workplace, advisement received and future plans to enroll in a PhD program. Results were summarized in a report to the College of Nursing Leadership team.
Analysis of BN and MN Program Grades

The assigned grades of all BN and MN program students in the 2012-2013 academic year were analyzed to compare the descriptive statistics and distributions across course sections, and years.

Student Clinical Errors

The MCNHR analyzed the prevalence and contributing factors of student clinical errors reported to the College of Nursing by CEFs over 2 academic terms.

CEF Feedback on Administration of Clinical Education Program

The MCNHR collected data from Nursing Program CEFs on their opinion of how well the clinical education program is administered by the College.

Impact Factor Analysis of Faculty Member Publications

The journals publications of all tenure track faculty members of the College of Nursing are analyzed on an annual basis to determine the quality of the journals in which they are publishing and the number of citations they receive to these publications. This is measured using metrics that include the Impact Factor, SciMago Journal Rank Score and H–Index. Data is reported every 3 years.
Sources of Funding Authorized for 2013

Grants

The MCNHR offers three research grants: The Manitoba Centre for Nursing and Health Research Grant, the "Fort Garry Branch Royal Canadian Legion Poppy Trust Fund" and the "Kathleen and Winnifred Ruane Graduate Student Research Grant for Nurses”.

The Manitoba Centre for Nursing and Health Research Grant

The Manitoba Centre for Nursing and Health Research Grant provides funding for nursing research projects. The Principal Investigator must be a Registered Nurse in Manitoba, although research team members may be from other disciplines. Funding is awarded to a maximum of $4,000 for a one year term. This grant is funded by the MCNHR Trust account.

2013 Recipient

Dr. Genevieve Thompson, Dr. Susan McClement, Nina Lubun and Kathleen Klassen for their project entitled "Developing and testing a PCH resident end of life chart audit tool", $3,963.72.

Their project is evaluating the quality of care delivered to residents dying in personal care homes (PCH) is an important objective, especially in light of the fact that PCH facilities are increasingly the place of care and site of death for an escalating number of older persons. Yet limited options exist for administrators to evaluate end-of-life care in this setting. The overarching goal of this study is to developing an empirically derived chart audit tool aimed at assessing the care delivered to PCH residents in their last month of life. A three phase mixed methods approach will be used to achieve the study's aim. In phase 1, best practices in care of residents dying in PCH facilities will be reviewed in order to identify items that need to be included on a chart audit tool. Phase 2 will involve the development, validation, and refinement of a PCH Resident EOL Audit tool. In Phase 3, the reliability, acceptability, and utility of the instrument will be evaluated.
The Fort Garry Branch Royal Canadian Legion Poppy Trust Fund

Nursing research has also benefited from funding by the Fort Garry Branch of the Royal Canadian Legion through the Poppy Trust Fund. The purpose of the grant is to provide support for a nursing research project whose outcome contributes to enhancing care for older adults in Manitoba. Although funding to a maximum of $3,000 is awarded each year.

2013 Recipient

Preetha Krishnan and Heather Williams for their project entitled "Patterns of end of life care and length of stay among long term care residents", $3,000.

Their study examines the characteristics of comfort care in a group of residents at LTC in relation to the place of death, terminal hospital use and patterns of care transition from active curative treatment to comfort oriented care. The investigators hypothesized that residents of LTSC who stayed longer (> six months) on the comfort oriented care would have different clinical and demographic characteristics with less terminal hospital transfers than residents who had shorter (< six months) stay on the comfort oriented care. Design: Retrospective chart review. Setting: 116 bed non-profit nursing home in Winnipeg, Manitoba. Sample: All the residents (87 residents) who died between April 2010 and March 2012. Measurements: The primary measures will be quality end of life in terms of place of death and terminal hospitalization. Results: Not available due to lack of funds to support data analysis.
Kathleen and Winnifred Ruane Graduate Student Research Grant for Nurses

Ms. Kathleen Ruane established an endowment fund at the University of Manitoba to support nursing students’ academic and research objectives. A portion of the annual income from the fund is used to offer a research grant valued at $3,000 called the Kathleen and Winnifred Ruane Graduate Student Research Grant for Nurses, to support the costs of conducting research for a thesis or dissertation.

2013 Recipient

Crystal Cook and Dr. Donna Martin for their project entitled “The lived experiences of First Nations families when a family member requires hemodialysis in Manitoba: A proposed study guided by decolonized methodologies”, $2,991.48.

Under the supervision of Dr. Martin, Ms. Cook’s research is investigating the lived experiences of First Nations families when a family member requires hemodialysis in Manitoba: A proposed study guided by decolonized methodologies. First Nations people in Canada suffer a disproportionate amount of kidney failure and this will continue unless strides can be made to protect kidney function and reduce the risk of End Stage Renal Disease. Decolonizing methodologies have been found effective for cross-cultural collaboration and is proposed for this qualitative phenomenological study. Research questions are: What are the lived experiences of First Nations families when a family member is treated with hemodialysis, and what are the facilitators and barriers that shape these experiences? Data sources will include face-to-face, audio-taped interviews with adults requiring hemodialysis and their family members. Collective consensual data analytic procedures and participatory action research principles will be employed. Ethical principles and scientific rigor will be ensured through collaboration. Recommendations based upon the findings will be disseminated to participating First Nations families, Chief and Council of the participating First Nations community, Assembly of Manitoba Chiefs, and Manitoba Renal Program.
Kathleen and Winnifred Ruane Graduate Student Research Grant for Nurses

2013 Recipient

Nina De Pau, Dr. Judith Scanlan and Dr. Donna Martin for their project entitled "Nurses’ perceptions of leadership and safety climate in a community hospital located in Western Canada: A cross-sectional survey", $3,000.

Under the supervision of Dr. Scanlan and Dr. Martin, Ms. De Pau’s research investigates Nurses’ perceptions of leadership and safety climate in a community hospital located in Western Canada: A cross-sectional survey. Work environment and safety climate influence nurse and patient outcomes and may be mediated by the influence of leader-nurse relationships (Cummings et al., 2010; Thompson et al., 2011). Nursing work environments are complex adaptive systems, and as such, the relationship between nurse leaders, nurse followers, and patient safety climate as well as key factors associated with safety climate need to be fully understood. This study will employ a cross-sectional survey design to obtain data on safety climate and the leader-member exchange measured at the individual nurse level within a community hospital. A convenience sampling technique will be utilized as nurse managers and acute care nurses from the community hospital will be recruited. Survey data will describe acute care nurses’ perceptions of safety climate and relationships with their nurse leaders. Descriptive and inferential statistical analysis will determine key factors associated with safety climate.
Faculty of Nursing Endowment Fund Research Grant in Professional Foundations

The MCNHR received funding from the Faculty of Nursing Endowment Fund for dedicated funding for three years to support the establishment a funding source form small scale nursing research projects ($7,500) related to professional foundations. Professional foundations research includes investigations into areas that are foundational to nursing practice and includes topics such as the history of nursing and nursing work-life, professional ethics, and nursing administration as well as topics that are critical to the Faculty of Nursing, such as research into new, innovative approaches to nursing education and issues related to student life. The second competition was held in 2013. In 2013, the MCNHR applied for a renewal of this funding and was successful in securing another three years of funding from the Faculty of Nursing Endowment Fund to offer this research grant in Professional Foundations.

2013 Recipient

Dr. Marie Edwards, Dr. Adrian Robertson, and Darlene Grantham for their project entitled “Responding to moral distress associated with working on an acute leukemia/bone marrow transplant unit: A team perspective”, $6,911.20.

Dr. Edwards, Dr. Robertson, and Ms. Grantham are investigating the response to moral distress associated with working on an acute leukemia/bone marrow transplant unit: A team perspective. Moral distress refers to feelings that arise when health care providers are prevented from pursuing the ethically right course of action. The purpose of this study is to identify the level of moral distress experienced by members of the team on the acute leukemia/bone marrow transplant (BMT) unit at Health Sciences Centre and identify strategies/resources for preventing or responding to moral distress. The research questions are: 1. What is the level of moral distress experienced by health care providers working on the acute leukemia/BMT unit at Health Sciences Centre? 2. What are health care providers’ perceptions of strategies or resources that would prove helpful in preventing or responding to moral distress in their practice? In this mixed methods study, data will be collected using the
Moral Distress Scale – Revised and focus groups. Appropriate statistical tests will be carried out, with qualitative content analysis used with focus group data.

Faculty of Nursing Endowment Fund Research Grant in Professional Foundations

2013 Recipient

Dr. Beverley Temple, Dr. Diana McMillan, Dr. Donna Martin, Diane Cepanec, Barb Goodwin, and Rae Harwood for receiving Faculty of Nursing Endowment Fund, Research Grant in Professional Foundations funding for the project entitled “Beliefs and use of evidence by Clinical Education Facilitators: Barriers and facilitating factors”, $7,500.

Dr. Temple, Dr. McMillan, Dr. Martin, Ms. Cepanec, Ms. Goodwin, and Ms. Harwood are investigating the beliefs and use of evidence by Clinical Education Facilitators: Barriers and facilitating factors. Research supports that using best evidence in practice leads to better patient outcomes (Bolton, 2012). Several identified barriers to adopting evidence informed practice (EIP) include negative values towards using research in practice, lack of knowledge and skills related to EIP, and lack of organizational support (Melnyk & Fineout-Overhold, 2012). Nursing students have traditionally not valued nursing research and often lack insight into the importance for the skill to use evidence in practice (Meeker et al., 2008). Clinical teachers play a pivotal role in modeling and reinforcing best practice values and behaviours, including those associated with the application of research evidence. This study’s main aim is to examine clinical teachers' beliefs and perceived implementation behaviours regarding use of best evidence in their practice. This mixed methods cross-sectional study will use an electronic survey and focus groups as data collection methods to provide a comprehensive perspective of CEF’s perspective so EPB.
Endowment/Trust Income

Each April, the MCNHR’s Research Grant provides funding for research projects through the Endowment/Trust Income account.

Eligibility Criteria include:
- Principal Investigator must be a member or have been nominated as a member of the MCNHR.
- Research team members may be from other disciplines.
- For projects related to graduate student thesis or dissertation research, the graduate student’s academic advisor will be considered as the principal applicant.

University Support

In 2012-2013, the MCNHR received a total of $40,200 from the Indirect Costs Program to help cover the costs of providing research support services to faculty in preparing grant applications/research proposals. The support ranged from conducting high quality literature searches and literature retrieval, assistance with preparation of on-line application forms, assisting with budget preparation and pre-review and editing of grant applications. In 2012, resources were also invested heavily in revisions to faculty member CVs with the renewed Canadian Common CV. In addition, research grant facilitation services ranged from helping to identify funding sources and opportunities and assisting in the development of strong and competitive applications. These support services were provided by employing additional research staff including several research assistants, a research technician, research associate and an administrative secretary.

Other

The MCNHR is able to offset some of its operating costs by providing research services on a fee for service basis. In 2013, the MCNHR generated $52,998.75 in income for providing research support services, including research assistance services, project management, and statistical consultation.
Financial Stability

The MCNHR is funded by the Faculty of Nursing Operating Budget. The annual budget for April 1, 2012 to March 31, 2013 was $244,273.00. A total of $242,410.64 was spent as outlined below.

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wages &amp; Benefits</td>
<td>$213,196.79</td>
</tr>
<tr>
<td>Note: The salary and stipend of the Director of the MCNHR is in addition to the budget noted.</td>
<td></td>
</tr>
<tr>
<td>Travel</td>
<td>$227.13</td>
</tr>
<tr>
<td>Printing &amp; Duplicating</td>
<td>$4,722.43</td>
</tr>
<tr>
<td>Materials &amp; Supplies</td>
<td>$5,359.59</td>
</tr>
<tr>
<td>Telecommunications</td>
<td>$1,795.30</td>
</tr>
<tr>
<td>Other Operational Expenses</td>
<td>$1,263.40</td>
</tr>
<tr>
<td>Professional Fees</td>
<td>$15,846.00</td>
</tr>
<tr>
<td>Total</td>
<td>$242,410.64</td>
</tr>
</tbody>
</table>

MCNHR Accomplishments in the Past Year

The MCNHR continued its ongoing activities. Some of the highlights from on-going activities are as follows:

- Assisted in preparing over 40 grant applications
- Conducted 20 literature searches for members
- Assisted in preparing 7 research ethics applications
-Reviewed 3 Faculty of Nursing access applications
- Coordinated 5 research projects for members
- Managed 24 grant accounts
- Provided over 37 research and statistical consultations
- Ran 11 seminars and offered 11 professional development sessions
- Supported the training and orientation of research assistants and research technicians hired on research grants and within the MCNHR
- Assisted 3 graduate students with quantitative data analysis
- Supported the nomination of several members of research awards.
- Trained 24 research, professional, graduate student affiliates as Joanna Briggs Institute Certified Reviewers.
- Hosted the inaugural MCNHR/WRHA Collaborative Health Research Day.
- Established a Graduate Student Travel Award ($5,00 per year for three years).
Piloted and Evaluated a Graduate Student Research Training Award.
Renewal of the Faculty of Nursing Endowment Fund in Professional Foundations for an additional three years of funding ($15,000/year).

Future Growth

In the next year, the priorities of the MCNHR are to:

- Continues to extend its membership base beyond the Faculty of Nursing and outside the perimeter of Winnipeg
- Work with the advisory committee to develop a new strategic plan for the MCNHR
- Increase the visibility of nursing and health research
- Foster research partnerships and collaborations within Manitoba and beyond
- Continue the surveying of new nursing graduates from nursing programs in the province
- Expand initiatives and financial support to engage undergraduate and graduate students in research
- Develop an application to become a Collaborating Centre of the Joanna Briggs Institute
Appendix A

Research Affiliates

- Dr. Terri Ashcroft, Associate Dean, Undergraduate Programs, University of Manitoba
- Dr. Christine Ateah, Professor, Faculty of Nursing, University of Manitoba
- Dr. Kinta Beaver, Professor of Cancer Nursing, School of Nursing & Caring Sciences, University of Central Lancashire
- Dr. Virginia Boquiren, Clinical Research Fellow, Behavioural Sciences & Health Research, University Health Network/Toronto General Hospital
- Dr. Dean Care, Professor and Dean, School of Health Studies, Brandon University
- Dr. Wanda Chernomas, Associate Professor, Faculty of Nursing, University of Manitoba
- Dr. Diana Clarke, Associate Dean, Research, Faculty of Nursing, University of Manitoba
- Dr. Karen Clements, Assistant Professor, Department of Psychiatric Nursing, Brandon University
- Dr. Benita Cohen, Associate Professor, Faculty of Nursing, University of Manitoba
- Dr. Ruth Dean, Senior Instructor, Faculty of Nursing, University of Manitoba
- Dr. Lesley Degner, Distinguished Professor, Faculty of Nursing, University of Manitoba
- Dr. Bill Diehl-Jones, Adjunct Professor, Faculty of Nursing, University of Manitoba
- Dr. Marie Edwards, Associate Professor, Faculty of Nursing, University of Manitoba
- Ms. Carol Enns, Senior Instructor, Faculty of Nursing, University of Manitoba
- Ms. Debbie Fraser, Adjunct Professor, Faculty of Nursing, University of Manitoba
- Dr. David Gregory, Dean, Faculty of Nursing, University of Regina
- Dr. Joseph Gordon, Assistant Professor, Faculty of Nursing, University of Manitoba
- Dr. Lorna Guse, Associate Professor, Faculty of Nursing, University of Manitoba
- Dr. Tom Hack, Professor, Faculty of Nursing, University of Manitoba
- Dr. Joannie Halas, Professor, Kinesiology & Recreation Management, University of Manitoba
- Dr. Nicole Harder, Assistant Professor, Faculty of Nursing, University of Manitoba
- Dr. Rae Harwood, Senior Instructor, Faculty of Nursing, University of Manitoba
- Dr. Pamela Hawranik, Dean, Faculty of Graduate Studies, Athabasca University
- Dr. Maureen Heaman, Professor, Faculty of Nursing, University of Manitoba
- Dr. Kathryn Hyndman, Associate Professor, School of Health Studies, Brandon University
- Dr. Anne Katz, Nil-academic Appointment, Faculty of Nursing, University of Manitoba
- Dr. Sandy Kluka, Senior Instructor, Faculty of Nursing, University of Manitoba
- Ms. Francine Laurencelle, Professor, Nursing, Collège universitaire de Saint-Boniface
- Dr. Michelle Lobchuk, Associate Professor, Faculty of Nursing, University of Manitoba
Research Affiliates (continued)

- Dr. Carmen Loiselle, Director, McGill Oncology Nursing Program, McGill University
- Dr. Donna Martin, Assistant Professor, Faculty of Nursing, University of Manitoba
- Dr. Susan McClement, Professor, Faculty of Nursing, University of Manitoba
- Dr. Marion McKay, Senior Instructor, Undergraduate Programs, University of Manitoba
- Dr. Diana McMillan, Associate Professor, Faculty of Nursing, University of Manitoba
- Dr. Christine McPhearson, Assistant Professor, School of Nursing, Faculty of Health Sciences, University of Ottawa
- Dr. Elaine Mordoch, Assistant Professor, Faculty of Nursing, University of Manitoba
- Dr. Srisala Navaratnam, Assistant Professor, Faculty of Medicine, University of Manitoba
- Dr. Peter Nunoda, Dean, Faculty of Health, University College of the North
- Dr. Beverly O’Connell, Dean, Faculty of Nursing, University of Manitoba
- Dr. Verna Pangman, Senior Instructor, Faculty of Nursing, University of Manitoba
- Dr. Caroline Park, Associate Professor, Nursing and Health Studies, Athabasca University
- Dr. Jacquie Ripat, Assistant Professor, Medical Rehabilitation, University of Manitoba
- Dr. Renee Robinson, Associate Professor, School of Health Studies, Brandon University
- Dr. Kerstin Roger, Assistant Professor, Human Ecology, University of Manitoba
- Dr. Dean Ruether, Medical Oncologist, Tom Baker Cancer Centre; Disease Site Chair, Genitourinary and Chief of Staff
- Ms. Susy Santos, Director, Clinical Institute of Applied Research & Education, Victoria General Hospital
- Dr. Jo-Ann Sawatzky, Associate Dean, Graduate Programs, Faculty of Nursing, University of Manitoba
- Dr. Judy Scanlan, Associate Professor, University of Manitoba
- Dr. Annette Schultz, Associate Professor, Faculty of Nursing, University of Manitoba
- Dr. Penelope Schofield, Scientific Director & NHMRC Fellow, Department of Cancer Experiences Research, Peter MacCallum Cancer Centre
- Dr. Lynn Scruby, Assistant Professor, Faculty of Nursing, University of Manitoba
- Dr. Loretta Secco, Associate Professor, Faculty of Nursing, University of New Brunswick
- Ms. Marilyn Seguire, Senior Instructor, Faculty of Nursing, University of Manitoba
- Ms. Carla Shapiro, Senior Instructor, Faculty of Nursing, University of Manitoba
- Dr. Shahin Shooestari, Assistant Professor, Family Social Sciences, University of Manitoba
- Ms. Fiona Smith, Assistant Professor, Psychiatric Nursing, University of Brandon
- Dr. Julia Spence, Assistant Professor, Department of Medicine, University of Toronto
Research Affiliates (continued)

- **Dr. Brenda Stutsky**, Program Advisor, Manitoba Practice Assessment Program, Faculty of Medicine, University of Manitoba
- **Dr. Wendy Sword**, Associate Professor & Assistant Dean (Research), School of Nursing, McMaster University
- **Dr. Beverley Temple**, Associate Professor, Faculty of Nursing, University of Manitoba
- **Dr. Genevieve Thompson**, Assistant Professor, Faculty of Nursing, University of Manitoba
- **Dr. Shirley Thompson**, Natural Resources Institute, University of Manitoba
- **Ms. Sonia Udod**, Assistant Professor, University of Saskatchewan
- **Dr. Javier Virues-Ortega**, Assistant Professor, Faculty of Arts, Psychology Department, Ms. Miriam Wagoro, Lecture & CNS, School of Nursing Sciences, University of Nairobi
- **Dr. Lorna Weir**, Radiation Oncologist, Vancouver Cancer Centre
- **Ms. Pamela Wener**, Associate Professor, Faculty of Medicine, University of Manitoba
- **Dr. Christina West**, Assistant Professor, Faculty of Nursing, University of Manitoba
- **Dr. Roberta Woodgate**, Professor, Faculty of Nursing, University of Manitoba
- **Dr. C.T. Yu**, Associate Professor, Faculty of Psychology, University of Manitoba
- **Ms. Vicki Zeran**, Nursing Coordinator, University College of the North

Professional Affiliates

- **Ms. Lorraine Avery**, Advance Practice Nurse, St. Boniface Hospital
- **Ms. Catherine Baxter**, Nursing Instructor, Red River College
- **Ms. Patricia Bergal**, Regional Director, Utilization, Winnipeg Regional Health Authority
- **Ms. Elaine Beyer**, Enterostomal Nurse, Wound Care, Red River College
- **Ms. Vivian Bicknell**, Director Staff Integration, Health Sciences Centre
- **Ms. Helga Bryant**, Executive Director, College of Registered Nurses of Manitoba
- **Ms. Brenda Dawydruk**, Nurse Practitioner, Pediatrics, Burntwood RHA
- **Ms. Kathy Doerksen**, President, College of Registered Nurses of Manitoba
- **Ms. Leslie Dryburgh**, Advance Practice Nurse, Grace General Hospital
- **Dr. Charmayne Dubé**, Director of Foster Care- Provider Programs & Supported Independent Living Services, New Directions for Children, Youth, Adults and Families
- **Ms. Verna Duncan**, Clinical Nurse Specialist, Misericordia Health Centre

Professional Affiliates (continued)

- **Mr. Daryl Dyck**, CNS, Deer Lodge Centre
- **Ms. Lori Embleton**, Director Palliative Care, St. Boniface General Hospital
- **Ms. Debra Frechette**, Director of Patient Services, Mental Health; Regional Nursing Lead, Adult Mental Health, Health Sciences Centre
- **Ms. Darlene Grantham**, CNS, Winnipeg Regional Health Authority
- **Dr. Pat Gregory**, Program Director, Women’s Health Program, Winnipeg Regional Health Authority
- **Mr. Patrick Griffith**, VP & CNO, Health Sciences Centre
- **Ms. Kathy Hamelin**, CNS, Lactation Consultant, Women's Health Program, Health Sciences Centre
- **Ms. Carolyn Hill-Carroll**, CNS, Population & Public Health, Winnipeg Regional Health Authority
- **Ms. Linda Hughes**, Sessional Lecturer, University of Manitoba
- **Ms. Janna Kingdon**, Nurse Practitioner, Aikins Clinic, Winnipeg Regional Health Authority
- **Ms. Kathleen Klaasen**, Project Manager, Nursing, Winnipeg Regional Health Authority
- **Ms. Lisa Kneisky**, Knowledge Broker/Network Manager Translating Emergency Knowledge for Kids (TREKK), Manitoba Institutes of Child Health
- **Ms. Preetha Krishnan**, Advance Practice Nurse, Winnipeg Regional Health Authority
- **Ms. Jo-Ann Lapointe McKenzie**, CNO, Deer Lodge Centre
- **Ms. Jane MacDonald**, Primary Care Nurse Practitioner, Winnipeg Regional Health Authority
- **Ms. Joanne Major**, CNS, Respiratory Medicine, Health Sciences Centre
- **Ms. Lynda Mandzuk**, CNS, Rehab Geriatric Program, St. Boniface General Hospital
- **Ms. Lori Motluk**, Vice President and Chief Nursing Officer, Winnipeg Regional Health Authority
- **Ms. Gwendolyne Nyhof**, Program and Performance Manager/ Senior Program Operations Manager, Manitoba Telehealth
- **Ms. Allison Pederson**, Nurse Educator, CancerCare Manitoba
- **Ms. Jamie Penner**, PhD Student, McGill University
- **Ms. Asha Pereira**, CNS, Health Sciences Centre
- **Dr. Jannell Plouffe**, Director of Clinical Education, Health Sciences Centre
- **Ms. Doris Sawatzky-Dickson**, CNS, Children's Hospital
- **Ms. Erin Shepherd**, Clinical Nurse Specialist, Winnipeg Regional Health Authority
- **Ms. Lanette Siragusa**, Director of Programs & Patient Services: Surgery, Anaesthesia & Women’s Health, Victoria General Hospital
- **Ms. Simone Stenekes**, CNS, WRHA Palliative Care Program, Winnipeg Regional Health Authority
- **Ms. Lois Stewart-Archer**, CNS, Geriatric Mental Health, Winnipeg Regional Health Authority
- **Ms. Karen Thronson**, CNS, Cardiac Sciences, Health Sciences Centre
- **Ms. Bernadine Wallis**, CNS, Mental Health, Health Canada
- **Ms. Barb Wheeler**, CNS, Women & Child Program, St. Boniface Hospital
- **Mr. Wellam Yu Ko**, Research Associate, Clinical Institute of Applied Research and Education
Appendix B

Manitoba Centre for Nursing and Health Research Advisory Board Members

- **Ms. Jennifer Breton**, Executive Director, College of Licensed Practical Nurses of Manitoba
- **Ms. Dianne Brown**, Instructor, Nursing Department, Red River College
- **Dr. Dean Care**, Professor and Dean, Health Studies, Brandon University
- **Dr. Harvey Chochinov**, Canada Research Chair in Palliative Care; Director, Manitoba Palliative Care Research Unit; Professor, Department of Psychiatry, University of Manitoba
- **Dr. Emma Frost**, Consultant, Education & Credential Assessment, College of Licensed Practical Nurses of Manitoba
- **Dr. Terry Klassen** (Chair), Director of Research, Manitoba Institutes of Child Health
- **Ms. Lori Lamont**, Vice President and Chief Nursing Officer, Winnipeg Regional Health Authority
- **Ms. Francine Laurencelle**, Professor, Université de Saint-Boniface
- **Dr. Michelle Lobchuk**, Associate Professor, Faculty of Nursing, University of Manitoba
- **Dr. Susan McClement**, Professor, Faculty of Nursing, University of Manitoba
- **Dr. Michael Moffatt**, Executive Director of Research & Applied Learning, Winnipeg Regional Health Authority
- **Ms. Laura Panteluk**, Executive Director, College of Registered Psychiatric Nurses of Manitoba
- **Ms. Kendra Rieger**, Nursing Graduate Student
- **Dr. Renee Robinson**, Associate Professor, School of Health Studies, Brandon University
- **Ms. Barbara Shumeley**, Public Representative
- **Mr. Arni C. Thorsteinson**, Corporate Representative; President, Shelter Canadian Properties Limited
- **Ms. Krista Williams**, Chief Nursing Officer, Grace General Hospital
- **Ms. Diane Wilson-Mate**, Executive Director, College of Registered Nurses of Manitoba
- **Ms. Vicki Zeran**, Interim Nursing Coordinator, University College of the North

Ex Officio Members:

- **Dr. Diana Clarke**, Associate Professor and Associate Dean, Research, Faculty of Nursing, and Director, Manitoba Centre for Nursing and Health Research, University of Manitoba
- **Dr. Beverly O’Connell**, Professor and Dean, Faculty of Nursing, University of Manitoba
- **Dr. Helen Glass**, Professor Emeritus, Faculty of Nursing, University of Manitoba
- **Dr. Gary Glavin**, Associate Vice President Research, University of Manitoba
Appendix C

Manitoba Centre for Nursing & Health Research

MCNHR SERVICES FOR MEMBERS

Background Information

The Manitoba Centre for Nursing and Health Research (MCNHR) is located in room 212 Helen Glass Centre for Nursing and is supported by the Faculty of Nursing. The MCNHR mission is to create an environment that promotes and supports the conduct, dissemination and uptake of collaborative nursing and health research to benefit the health of Manitobans and beyond. The MCNHR has as part of its mandate to support and enhance the research and scholarly activities of members of the centre including research affiliates and professional affiliates as well as faculty members and graduate students in the Faculty of Nursing, University of Manitoba. This support is provided by the Director, Research Coordinator, Research Technician, Administrative Secretary, Statistical Consultant and Research Assistants.

Overview of Services

Research Services to MCNHR Members for Research Proposal Development

- Consultation on National and Provincial Funding Agency opportunities and guidelines
- Literature and information searches and retrieval
- Statistical consultation
- Assistance with management of bibliographic references using Reference Manager or RefWorks
- Assistance with budget preparation and justification
- Research consultation on research design, data collection and analysis as well as knowledge translation/dissemination plans
- Creation of online CV modules and updates to CV modules for MCNHR members and members of their research team who are not affiliated with a University
- Pre-review of grant applications
- Copy-editing Services
- Preparation of grant application packages (FAAF, arranging appropriate signatures,
Manitoba Centre for Nursing and Health Research
Annual Report 2013
Page | 43

photocopying and courier of grant applications)

Please contact the MCNHR for current rate for services.

Research Services to MCNHR Members for Scholarly Activities

- Literature searches and retrieval for publications
- Retrieval of author guidelines for publications and journal impact factors
- Assistance with management of bibliographic references using Reference Manager or RefWorks
- Assistance with formatting tables/graphs for publications and presentations
- Citation analysis of members publications
- Assistance with the creation of poster presentations
- Statistical consultation
- Copy-editing Services

Note: Please contact the MCNHR for current rate for services. The MCNHR does not have resources for providing services related to teaching including literature searches and retrieval for course teaching and assignments, course development, etc.

Research Services Available for Funded Projects

Note: Services provided at a cost recovery rate pending the availability of resources. Please contact the MCNHR to discuss.

- Management of Grant Accounts
  - Assistance with setting up budget number FOP
  - Monthly operating statements e-mailed to you
  - Assistance with grant expenditures (quotes for equipment, supplies, etc.)
  - Assistance with various forms (petty cash, travel claims, purchase orders, etc.)
  - Reconciling FOP expenses
  - Early notification of grant expiration and assistance with closure of account
- Administrative/Secretarial Support
  - Organizing research meetings, arranging space, equipment and food for meetings, preparing and formatting of project related material
- Ethical Approval and Institutional Access
  - Assistance with preparing submissions for ethical approval and institutional access
- Project Co-ordination
  - Overseeing project to ensure timelines are met and that research and ethical protocols are followed; supervising and providing support to staff involved in project related tasks
• Research Consultation
  o Consultation on research design, data collection, analysis and interpretation

• Data Collection
  o Assistance with creating data collection forms and online surveys; monitoring data collection and direct involvement in data collection

• Quantitative Data Management and Analysis
  o Dataset construction using SPSS, data entry and verification, data analysis including descriptive statistics and frequencies

• Statistical Consultation
  o Statistical consultation on the most appropriate statistical analysis for the data

• Qualitative Data Entry
  o Qualitative data entry using word processing software (Word or WordPerfect)

• Preparation of Final Report
  o Specific content of report is finalized with the study investigator

• Literature Search and Retrieval
  o Conducting high quality literature and information searches

• Bibliographic References
  o Management of bibliographic references using Reference Manager or RefWorks

• Copy-editing Services
  o Contract editors provide copy editing services to correct errors in grammar, spelling, usage and style in research grants and manuscripts being submitted for publication, including journal articles or book chapters,

Please contact the MCNHR to discuss the availability of services and current rates.

Other Research Support and Resources

• Workshops/Seminars including:
  o MCNHR Research Seminar Series
  o Researcher in Residence Program
  o SPSS Workshops (Fall and Spring) and individual SPSS training and support

• Research News
  o The MCNHR disseminates by e-mail research news, conference and workshops notices, funding opportunities and application deadlines.

Awards & Grants

• The MCNHR administers the following research grants:
  o The MCNHR Research Grant
  o The Fort Garry Branch Royal Canadian Legion Poppy Trust Fund
  o The Kathleen and Winnifred Ruane Graduate Student Research Grant for Nurses
  o Faculty of Nursing Endowment Fund Research Grant in Professional
Foundations

The MCNHR Library

- Holdings include topics related to nursing research
  - Tools and instrumentation related to measurement
  - Quantitative and qualitative research design
  - Resource binders including: Institutional Access; Journal Impact Factors; Poster Preparation; Dissemination/Knowledge Translation; Systematic Reviews; Scales & Instruments

Equipment Loan

- Transcribers and tape recorders (standard size and digital) can be booked through the MCNHR (you must provide your own cassettes and batteries).

MCNHR Staff:

- Diana Clarke, Director & Associate Dean, Research (474-6771)
- Lisa Wolfe-Ulrich, Administrative Secretary (474-9080)
- Diane Cepanec, Associate Director (474-7185)
- James Plohman, Research Technician (474-9131)
- Brenden Dufault, Statistician (474-9080)
Appendix D

MCNHR SERVICES FOR GRADUATE STUDENT MEMBERS

Background Information

The Manitoba Centre for Nursing and Health Research is located in room 212 Helen Glass Centre for Nursing and is supported by the Faculty of Nursing. The MCNHR mission is to create an environment that promotes and supports the conduct, dissemination and uptake of collaborative nursing and health research to benefit the health of Manitobans and beyond. The MCNHR has as part of its mandate to support and enhance the research and scholarly activities of members of the centre including research affiliates, professional affiliates and graduate students. This support is provided by the Director, Research Coordinator, Research Technician, Administrative Secretary, Statistical Consultant and Research Assistants.

Overview of Services

Research Support and Consultation

- SPSS Support (see policy below)
  - Workshops (Fall and Spring)
  - Individual training and technical support
- Consultation
  - Statistical consultation (see policy below)
  - Research grant consultation
  - Ethics and access application consultation
Services Available for Purchase

- Data entry, SPSS programming and data analysis
- Literature retrieval
- Management of bibliographic references using Reference Manager or RefWorks
- Copy-editing Services

Please contact the MCNHR for current rate for services.

Other Research Support and Resources

- Workshops/Seminars including:
  - MCNHR Research Seminar Series
  - Researcher in Residence Program
  - SPSS Workshops (Fall and Spring) and individual SPSS training and support
- Research News
  - The MCNHR disseminates by e-mail research news, conference and workshops notices, funding opportunities and application deadlines.

Awards and Grants

- The MCNHR administers the following research grants:
  - The MCNHR Research Grant ($4,000)
  - The Fort Garry Branch Royal Canadian Legion Poppy Trust Fund ($3,000)
  - The Kathleen and Winnifred Ruane Graduate Student Research Grant for Nurses ($3,000)

The MCNHR Library

- Holdings include books on topics related to nursing research
  - Tools and instrumentation related to measurement
  - Quantitative and qualitative research design
  - Resource binders including: Institutional Access; Journal Impact Factors; Poster Preparation; Dissemination/Knowledge Translation; Systematic Reviews; Scales & Instruments
Equipment Loan

- Transcribers and tape recorders (standard size and digital) can be booked through the MCNHR (you must provide your own cassettes and batteries).

MCNHR Staff:

- Diana Clarke, Associate Dean, Research (474-6771)
- Lisa Wolfe-Ulrich, Administrative Secretary (474-9080)
- Diane Cepanec, Associate Director (474-7185)
- James Plohman, Research Technician (474-9131)
- Brenden Dufault, Statistician (474-9080)

Procedures and policies pertaining to Graduate Students use of MCNHR Services for SPSS and Statistical Consultation

SPSS

MCNHR support is offered to build graduate student capacity in using SPSS for quantitative data analysis. The MCNHR provides training (group workshops and one-on-one training) and technical support in using SPSS.

- The MCNHR provides technical assistance and troubleshooting in using SPSS with respect to dataset construction, data entry, data cleaning and verification, data transformation and data analysis.
- Graduate students can purchase data entry services through the MCNHR.
- The MCNHR will not perform data transformations or data analysis for graduate students as it is expected that graduate students will carry out their own data transformations and analysis.
- Graduate students can request a one-on-one appointment with a MCNHR staff member to assist them in setting up their SPSS dataset, to assist them in data cleaning and to answer technical questions on using SPSS for data transformation and analysis.
- The MCNHR staff will not provide guidance or advisement on data collection, analysis, interpretation or presentation of the findings. It is the responsibility of the thesis advisor and/or committee members to provide direction and advice for thesis/practicum work including data collection, analysis and interpretation.
Statistical Consultation

Graduate students have access to statistical consultation services through the MCNHR. If grant funds are not available to support the consultation, the MCNHR will cover up to a maximum of 5 hours of statistical consultation services through the part-time statistician, Brenden Dufault. Brenden Dufault is available for statistical consultation on Thursdays and appointments must be booked through the MCNHR (474-9080).

Consulting the statistician:

- The graduate student should discuss appropriate use of statistical consultation services with her/his thesis advisor before making an appointment with the statistician.
- The graduate student should inform his/her advisor about what has been discussed with the statistician. The advisor should attend the initial meeting with the statistician.
- At the first meeting, the graduate student should come prepared with a brief summary of the thesis topic and a list of questions.
- Although there is no requirement on the point in the thesis at which a graduate student should seek out statistical consultation, likely the best time is at the conceptualization stage once the literature review has been initiated.
- The number of meetings with the statistician that graduate students require will vary. A typical nursing research project requires between 5-10 hours of statistical consultation. The MCNHR will cover up to a maximum of 5 hours of statistical consultation for graduate students who do not have grant funding for their research projects.
- The statistician is a consultant. Graduate students are expected to input their data and carry out analysis based on advice and consultation from their advisor, committee members and the statistician.
- The graduate student is asked to keep the MCNHR informed of his/her progress in the use of statistical consultation.
Appendix E

Member Funding


Care, W.D., Racher, F., Anonson, J., et al. *Integrated Knowledge Translation Fosters Partnerships as Rural Postsecondary Students Collaborate to Improve the Health of their Campus Communities.* Canadian Institutes of Health Research (CIHR): Knowledge Translation Supplement Grant. 2012-2013. Amount awarded: $89,293.


Clarke, D. and Frechette, D. *Impact of community-based Mental Health Services on Health Sciences Centre Emergency Department Psychiatric Emergency Nursing Services*. Health Science Centre Foundation, Gembey Nursing Research Award. 2013. Funds awarded: $10,000.


Gordon, J. Wnt and Notch Regulation of Cardiac and Vascular Smooth Muscle Gene Expression During Differentiation. NSERC Discovery Grant. 2013. Funds awarded: $160,000.


personalized system of instruction to promote knowledge acquisition and uptake. Canadian Institutes of Health Research Operating Grant: Knowledge to Action. 2011-2013. Funds awarded: $199,760.

Raina, P. (P.I), Wolfson, C., & Kirkland, S. (Co-P.I.s), and Lobchuk, M. Canadian Longitudinal Study on Aging. 2009-2014 (CLSA); 135 Co-inv. Across Canada CIHR. 2009 – 2014. Funds awarded: $23,500,000 (for Operational funds) and $25 million (CFI to fund Infrastructure).

Ripat, J., Quanbury, A. Borisoff, J. Exploring Patterns of Wheeled Mobility use in the Community. 2011 Rehabilitation Research Grant Funds. 2011-2013. Funds awarded: $20,000.


and breastfeeding on subsequent diabetes in First Nations mothers and children. Canadian Institutes of Health Research Secondary analysis of databases grant, 10/2011 – 09/2013. $100,000.

Shooshtari, S., Menec, V. Age-friendly Communities for Persons with Intellectual Disabilities: A Pilot Study. The University of Manitoba, University Research Grant Program (URGP). 2012-2013. Funds awarded: $3,871.


Thompson, G., Chochinov, H.M., Hack, T.F., McClement, S., Rogers, K., and St. John, P. Developing a question prompt sheet for family caregivers of older adults with dementia in


Woodgate, R., Dean, R., Payne, M., Cochrane, C., Mignone, J., and Migliardi, P. Aboriginal youth living with HIV: From diagnosis to learning to manage their health and lives. Canadian Institutes of Health Research (CIHR) Operating Grant. 2013. Funds awarded: $100,000; and CIHR- Manitoba Regional Partnerships Program (RPP) Funding (Manitoba Health Research Council). 2013. Funds awarded: $34,527.
Appendix F

Journal Publications


Rieger, K., & Schultz, ASH. (in press). Exploring arts-based knowledge translation: Sharing research findings through performing the patterns, rehearsing the results, and staging the synthesis. *Worldviews on Evidence-Based Nursing.* doi: 10.1111/wvn.12031


Schultz, ASH, Temple, B., Gibson, C., Prestion, J., & Ronson, G. (2013). Listening to those who are living with HIV and tobacco dependence and exploring their health care context. *Journal of Association of Nurses in AIDS Care, 25*(1); 46-59. Published online April 9, 2013. doi: 10.1016/j.jana.2013.01.003


Thomas J.E., O’Connell B, & Gaskin C.J. (2013). Residents’ perceptions and experiences of social interaction and participation in leisure activities in residential aged care. *Contemporary Nurse,* PMID 23815137. 45(2), 244-245.


**Book Publications**


**Book Chapter Publications**


Appendix G

Research Seminar Series

January 18, 2013: Presentation by Rosalyn Howard; “Leading and Managing Research Staff: Best Practices for a Successful Program of Research”

February 13, 2013: Presentation by Kate Dubberley; “Emotions in Later Life: The Role of Perceived Control and Subjective Health”

February 27, 2013: Presentation by Dr. Brenda Stutsky; “Development and Testing of a Conceptual Framework for Interprofessional Collaborative Practice”

March 8, 2013: Presentation by Dr. Darren Fast; “Transformational Partnerships - What does it mean?”

March 20, 2013: Presentation by Dr. Beverley Temple, Carisa Ewanyshyn, Elaine Beyer & Mary Robertson; “Factors associated with the presence of a parastomal hernia in persons living with an ostomy in Manitoba”

May 8, 2013: Presentation by Miriam Wagoro; “A Kenyan Model for Mental Health Nursing Practice: A Grounded Theory Study”

June 10, 2013: Presentation by Janice Nesbitt; “The Lived Experiences of Neuroscience Nurses Caring for Acute Stroke Patients Requiring End-of-Life Care”

September 17, 2013: Presentation by Dr. Christine East; “How to conduct systematic reviews and becoming a Cochrane reviewer”

September 17, 2013: Presentation by Dr. Christine East; “Models of midwifery practice: An Australian perspective”

September 30, 2013: Presentation by James Plohman; “Will they stay or will they go: A follow-up survey of new nursing graduates”
November 20, 2013: Presentation by Elsie Duff; “Newly practicing nurse practitioner’s perceptions of structural empowerment in education, psychological empowerment, role competence & patient safety competence”

Professional Development Sessions and Workshops

March 27, 2013: Presentation by Elsie Duff and Ryan Nicolson; “ZOTERO - Outstanding Tool to Enhance Research & Organize Sources”

May 3, 2013; Presentation by Lisa Demczuk; “Conducting More Literature Searches”

May 13, 2013: Presentation by Diane Cepanec; “Developing Skills in Quantitative Data Analysis Using SPSS: An Introductory Workshop”

May 14, 2013; Presentation by James Plohman; “Online Surveys”

May 14, 2013: Presentation by Lisa Demczuk; “Making RefWorks for you!”

May 16, 2013: Presentation by Karen Meelker and Robyn Wellman; “PHIA/FIPPA Session”

May 24, 2013: Presentation by James Plohman; “Creating Your Common CV”

October 21, 2013: Presentation by Lisa Demczuk; “Locating Systematic Reviews and Guidelines”

November 6, 2013: Presentation by Lisa Demczuk; “RefWorks”

December 9, 2013: Presentation by Lisa Demczuk; “Keeping Current with Literature”

Appendix H

Committees

The MCNHR wishes to thank the following committee members for their contributions to our events and activities at the Centre:

Research Review Committee Members (for the Faculty of Nursing Professional Foundations Grant)

- Dr. Terri Ashcroft
- Ms. Diane Cepanec (Scientific Officer)
- Dr. Diana Clarke
- Dr. Susan McClement

Research Review Committee Members

- Dr. Christine Ateah
- Ms. Diane Cepanec (Scientific Officer)
- Dr. Maureen Heaman
- Dr. Caroline Park
- Ms. Erin Sheppard

Researcher in Residence Committee Members

- Dr. Diana Clarke (ex-officio)
- Dr. Benita Cohen
- Ms. Nina de Pau
- Dr. Thomas Hack
- Ms. Sue Hicks (Member at large)
- Ms. Suzanne Lennon
- Dr. Diana McMillan (Chair)
- Dr. Genevieve Thompson
- Mrs. Lisa Wolfe-Ulrich (Recorder)
Nominating Committee Members

- Dr. Diana Clarke (ex-officio)
- Ms. Kathy Hamelin
- Ms. Doris Sawatzky-Dickson
- Dr. Bev Temple

Research Planning Day Committee

- Ms. Lorraine Avery
- Ms. Diane Cepanec
- Dr. Diana Clarke, Chair
- Ms. Anna Fedorwicz
- Ms. Diane Heywood
- Dr. Diana McMillan
- Ms. Asha Pereira
- Mr. James Plohman
- Dr. Jannell Plouffe
- Dr. Genevieve Thompson
- Mrs. Lisa Wolfe-Ulrich (Recorder)
- Ms. Lai Chun Yee