

Public Health Research, Education & Development (PHRED) Program

2009 Deliverables Report

Presented to the Ministry of Health and Long-Term Care,
Public Health Division

City of Hamilton Public Health Services

Kingston, Frontenac and Lennox & Addington
Public Health

Middlesex-London Health Unit

Ottawa Public Health

Sudbury & District Health Unit



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Public Health Research, Education
& Development Program



REDSP
Programme de recherche,
d'éducation et de développement
en santé publique

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Contact information for all provincial PHRED Program sites is provided in Appendix F.
This report is also available on the PHRED Program website at: www.phred-redsp.on.ca.

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Preface

Provincial PHRED projects are described in the following sections: 1) Provincial Coordination and Planning for the PHRED Program; 2) Applied Public Health Research and Evaluation; 3) Education and Development; and 4) Knowledge Exchange. These include the proposed deliverables of the 2009 Provincial PHRED Work Plan. In most cases, these projects were completed through collaboration of several PHRED sites.

The appendices document PHRED related outputs. Appendix A lists presentations and Appendix B categorizes publications. A listing of PHRED site specific research and evaluation projects excluding those included in the body of the report can be found in Appendix C. Student education activities are summarized in Appendix D. International, National and Provincial Partnerships are noted in Appendix E.

Goals of the PHRED Program

The goals of the PHRED Program are to:

1. Provide evidence to support effective and efficient public health practice and improve accountability in public health practice.
2. Increase capacity within the public health system by providing leadership in the education of future public health professionals.
3. Provide leadership in research, knowledge exchange and education through strategic partnerships.

1.0 Provincial Coordination and Planning for the PHRED Program

1.1 Provincial PHRED Secretariat

Lead

Sudbury PHRED

Partners

All PHRED Sites; Ministry of Health and Long-Term Care (MOHLTC)

Description of the Work

To assist with achieving the goals of the PHRED Program, the PHRED Secretariat, under the direction of the PHRED Operations Committee will:

- Facilitate a strategic planning process and create a strategic plan that then guides the annual budget cycle/ work planning cycle.
- Coordinate dissemination of lessons learned across all types of PHRED projects, regarding how to improve public health practice through research, evaluation, education and staff development, and about knowledge exchange in particular.
- Facilitate Provincial PHRED Operations monthly, and special meetings.
- Facilitate production and dissemination of regular internal newsletters to support communication with PHRED staff and PHRED Medical Officers of Health (MOHs).
- Assist building external alliances as appropriate.
- Prepare PHRED Steering Committee reports, annual work plan and deliverables report.
- Undertake necessary research and prepare briefing notes on key issues as needed.
- Coordinate and facilitate PHRED participation at conferences.
- Manage all communications and maintain PHRED documentation and archives.

Proposed Deliverables and Timelines

A strengthened provincial PHRED Secretariat facilitates provincial work and its dissemination for use and application. Specifically, resources are allocated to hire a part-time Provincial Manager, a part-time Administrative Assistant and to cover operating costs.

Funded to end of March 2010.

Actual Deliverables

- Monthly management of PHRED Operations Committee meetings including identification and monitoring of agenda items, minute taking and follow up of action items.
- Undertake necessary research and prepare Briefing Notes on key issues, i.e., PHRED functions – As needed.

- Facilitate production of *PHRED Program 2008 Deliverables Report* – Spring 2009.
- Facilitate production of *PHRED Program 2009 Provincial Work Plan* – Spring 2009.
- Coordinate content and assist with production of internal PHRED Newsletter 2009 (publication deferred to Spring/Summer 2010).
- Coordinate PHRED participation and display at Ontario Public Health Association (OPHA) Summit – Fall 2009.
- Coordinate and facilitate publication of PHRED-generated materials to PHRED website – Ongoing.
- Coordinate PHRED annual retreat – February 2009.
- Develop and produce a briefing note and information package prior to meetings with the Tri-Partite Working Group.
- Maintain PHRED documentation and archives – Ongoing.
- Coordinate and liaise with Provincial PHRED Steering Committee and prepare written reports on behalf of the PHRED Operations Committee for the Steering Committee – Ongoing.
- Maintain contact database of PHRED partners and stakeholders.

1.2 PHRED Communications Plan

Lead

All PHRED Sites

Description of the Work

Continue to provide relevant, credible, up-to-date information to public health practitioners through:

- PHRED representation on Ontario Public Health Association (OPHA) Board as a constituent society and links with other public health groups e.g. Ontario Society of Nutrition Professionals in Public Health (OSNPPH), Association of Public Health Epidemiologists in Ontario (APHEO), Association of Nursing Directors and Supervisors in Official Health Agencies in Ontario (ANDSOOHA) – Public Health Nursing Management to facilitate communication about the utility of PHRED products and services.
- Produce an annual account of PHRED activities for broad dissemination to relevant Ministries, academic and other partners, public health units and the field.
- Visibility through articles in other organization newsletters.
- Maintenance of PHRED website as access point for the field.
- Development and submission of one manuscript for peer review publication re: the history of the PHRED program and contributions to Ontario's public health system.

Proposed Deliverables and Timelines

December 31, 2010

Actual Deliverables

- Developed new bilingual PHRED display and PHRED bookmarks building on branding information developed in 2007.
- Continued to provide relevant, credible, up-to-date information to public health practitioners through:
 - Briefing notes to PHRED Steering Committee that highlighted activities, deliverables and lessons learned from PHRED projects.

- Development and production of a briefing note and information package prior to meetings with the Ontario Agency for Health Protection and Promotion (OAHPP).
- PHRED representation on OPHA Board and on OPHA constituent societies which facilitates communication about the utility of PHRED products and services.
- Planning and preparing to launch PHRED archiving initiative early 2010.
- Completed preliminary planning for peer reviewed publication.

Hamilton PHRED

- Hamilton Public Health maintained the PHRED website including postings, relevant reports and resources.

London PHRED

- Actively participated as an OPHA constituent society, for example, report presented at each Board meeting, facilitated initial planning re conference themes, key note speakers for 60th anniversary conference; prepared written and photo summary of PHRED's history for conference; had an exhibit promoting PHRED products; promoted PHRED's role in the education of nutrition professionals in OPHA's e-bulletin.
- Provided update at ANDSOOHA Annual General Meeting (AGM).

1.3 System Design and Renewal

Lead

All PHRED sites

Description of the Work

- Contribute to Public Health Renewal in Ontario as needed.
- Provide leadership in public health research, program evaluation, knowledge exchange, and education.
- Work on Ontario Public Health Standards (OPHS) guidance documents as appropriate.
- Support local public health units in implementing the OPHS Foundational Standard by developing and/or promoting relevant tools and resources.

Proposed Deliverables and Timelines

December 31, 2010

Actual Deliverables

Hamilton PHRED

- Supported local public health units with the implementation of the OPHS Foundational Standard through the development and implementation of *Get the PHacts (Yourself!): A Guide to Statistics Canada Census Data Products*.

Kingston PHRED

A Foundational Standard Working Group was established in July 2009 at KFL&A Public Health to facilitate the implementation of the OPHS Foundational Standard. Work to date includes:

- Clearly defining roles and responsibilities related to the Foundational Standard at the level of Executive Committee, Directors and Managers, and Research and Program Staff;
- Creating a Logic Model to describe implementation of all aspects of the Foundational Standard in the agency; and

- Developing a staffing model to ensure that the activities of the Foundational Standard are carried out and to link programs to research services.

The model creates a new position, Foundational Standard Specialist, to assist program staff in implementing the Foundational Standard. The model was presented at an agency all staff meeting. There will be a one-year trial of the model, followed by an evaluation. The work of the Foundational Standard Working Group will continue in 2010.

London PHRED

- Advanced programs of research related to healthy weights, physical activity and aboriginal health; disseminated findings through local Research and Practice symposiums, newsletters and provincial conferences.

Sudbury PHRED

- Development of the SDHU Ontario Public Health Standards (OPHS) Planning Path, a tool designed to guide evidence-informed planning based on the OPHS. The implementation of the pilot has begun as has the development of the public version of the document.

1.4 Tri-Partite Working Group

Lead

Sudbury PHRED, London PHRED

Partners

HPH, KFL&A, OPH, MOHLTC, OAHPP

Description of the Work

PHRED Program representatives continue to meet with the Ontario Agency for Health Protection and Promotion and the Public Health Division, MOHLTC to discuss the transfer of provincial PHRED funding and functions from the MOHLTC to the OAHPP. Work continues on the development of a conceptual description of an adapted Knowledge to Action (K2A) model.

Proposed Deliverables and Timelines

December 31, 2009

Actual Deliverables

PHRED representatives with input from the PHRED Operations Committee actively participated in discussions with the Ontario Agency for Health Protection and Promotion and the MOHLTC – Public Health Division and collectively proposed a model based on the Knowledge to Action Report and lessons learned from the PHRED Program. A confidential report was produced for the OAHPP Board and to inform government discussions/decisions.

1.5 Grant Opportunities

Lead

Sudbury PHRED

Description of the Work

This project contributes to enhance awareness of funding opportunities, extension in scope and generalizability of research, and increased public health research activity. The funding updates are provided via email across all 36 health units to PHRED and non-PHRED epidemiologists, planners, researchers, and others upon request.

Proposed Deliverables and Timelines

Regular updates on funding opportunities are provided to all health units and academic partners.

December 31, 2009

Actual Deliverables

Sudbury PHRED

For the 2009 period, there were 50 funding opportunities identified and disseminated locally and provincially.

All PHRED Sites

Several grant applications were submitted in 2009 by research staff at all PHRED sites.

2.0 Applied Public Health Research and Evaluation

2.1. PRIMARY RESEARCH PROJECTS: Chronic Disease Prevention

2.1.1 Latino Families in Action: A Community-Based Obesity Intervention Program

Lead

London PHRED

Partners

Children's Hospital of Southwestern Ontario, St. Joseph's Family Medical Centre, The University of Western Ontario, Brescia University College, London Intercommunity Health Centre

Description of the Work

- *Families in Action* is a community-based obesity intervention program which offers a promising strategy for screening and engaging overweight Latino-Canadian children and their families.
- This research supports the Foundational Standard – research and knowledge exchange and other relevant program standards.

Proposed Deliverables and Timelines

February 2010

Funding: The Canadian Diabetes Association & the Public Health Agency of Canada

Actual Deliverables

The Latino Families in Action Program aims to help overweight and obese Latino children and their families achieve a healthy lifestyle and body weight. The program consists of two major program components:

- **Obesity screening:** a community screening approach that evaluates children's diabetes risk profile based on their Body Mass Index (BMI), family history of diabetes, breastfeeding history, birth weight, nutrition information, and activity patterns.
- **Intensive obesity risk management:** an intensive, six-month obesity risk management intervention targeting children with BMI>85% and their parents. This intensive risk management program was provided by trained "case managers". The intervention was designed to monitor progress and offer support, coaching, and advocacy relative to their health promotion goals. For the first three months of the program, participants were given free family YMCA monthly passes, and for the last three months of the program, families were offered a subsidized rate of \$35.00 per month. Fruit and vegetable vouchers (\$40 per month) were also given to families for the first three months of the program. At each intervention, children were given the opportunity to participate in

the Little Chef program. This program allowed children to learn simple recipes that reinforce key principles of Canada's Food Guide, portion control, and low-fat eating.

- Final data collection is being completed.

2.1.2 Chronic Disease Prevention Network for Diverse Ethno-Cultural Communities: Physical Activity Promotion

Lead

Hamilton PHRED

Partners

Margaret Black, School of Nursing, McMaster University, John Dwyer, University of Guelph and Professor Barbara Carpio, McMaster University

Description of the Work

To share and help develop best practices within a cultural competency framework, related to peer-professional partnerships. We examined and compared features of various partnerships that delivered physical activity programming to selected diverse ethno-cultural communities. Our aim was to strengthen core competencies of public health staff within the socio-cultural domain and the partnership, collaboration, and advocacy domain.

Proposed Deliverables and Timelines

March 31, 2009.

Funding: MOHLTC, \$235,199; Year 1: \$117,435.54, Year 2: \$117,64.72

Actual Deliverables

- Developed a model of characteristics associated with peer-professional partnerships and identified lessons learned.
- Conducted an interprofessional workshop for public health staff on peer-professional partnerships.
- Presented preliminary findings at the 2009 Canadian Public Health Association (CPHA) conference.
- Shortly will launch a website displaying the project components that will be linked to public health services, OPHA and other relevant sites.
- A manuscript for publication is in preparation and will soon be submitted.

2.1.3 Healthy & Active Preschooler Program – YMCA (HAPPY): Issues, Challenges, and Perspectives Regarding Physical Activity at Daycare

Lead

London PHRED

Partners

The University of Western Ontario

Description of the Work

- This research is designed to explore issues around the provision of physical activity in childcare facilities.

- The purpose of this project is to gain an understanding of childcare providers' perspectives on their daycare's current physical activity curriculum; the barriers and facilitators to effectively engaging preschool-aged children in physical activity; and possible opportunities to advocate for enhanced physical activity participation among preschoolers attending daycare.
- A community advocacy plan will be developed based on the focus group findings to aid stakeholders in: 1) understanding current physical activity practices; 2) overcoming the barrier(s) identified by frontline childcare providers; and 3) facilitating improved physical activity opportunities in daycares.
- Supports Foundational Standard – research and knowledge exchange and other relevant program standards.

Proposed Deliverables and Timelines

June 30, 2010

Funding: The Heart & Stroke Foundation of Ontario – Spark Community Advocacy Fund Grant, \$5,000 award

Actual Deliverables

- Eight semi-structured focus groups were conducted between February and March 2009 with childcare providers from London, Ontario YMCA daycare centres. In total, 54 childcare providers from nine daycares participated in the initial phase of this project.
- Six to ten additional focus groups will be conducted with childcare providers from various non-YMCA, public daycares (e.g., London Children's Connection; Whitehills Childcare) in London, Ontario in early 2010.

2.1.4 Locating Barriers and Supports to Risk Modification in Coronary Heart Disease (CHD)

Lead

Sudbury PHRED, University of Toronto

Partners

Laurentian University, University Health Network

Description of the Work

This study is nested within the Community Outreach in Heart Health and Risk Reduction Trial (COHRT). This qualitative study strives to learn more about the experiences of COHRT or Cardiac Rehabilitation Program participants within 6 to 12 months after completing the intervention. Photo-elicitation interviews are used to explore the experiences of urban Anglophones, northern Anglophones and northern Francophones.

Proposed Deliverables and Timelines

Produce a manuscript by December 31, 2010.

Actual Deliverables

Several journal articles have been published as a result of this project, including the following:

Nolan, R.P., Upshur, R.E.G., Lynn, H., Crichton, T., Rukholm, E., Stewart, D.E., Alter, D.A., Chessex, C., Harvey, P.J., Grace, S.L., Picard, L., Michel, I., Angus, J., Corace, K., & Barry-Bianchi,

S.M. Therapeutic benefit of a standardized telehealth program in the Community Outreach Heart Health and Risk Reduction Trial: A randomized controlled trial. *European Heart Journal*, Under Review, October 2008.

Angus, J., Lapum, J., Seto, L., Rukholm, E., Michel, I., Timmermans, K., & Del Frate, S. (2008). Illuminating everyday complexities through photo-elicitation: Interpreting, reinventing and adapting heart healthy recommendations. *European Journal of Cardiovascular Nursing and Allied Professions*, 7(Suppl. 1). S35.

Angus, J., Rukholm, E., St Onge, R., Michel, I., Nolan, R.P., Lapum, J., & Evans, S. (2007). Habitus, stress and the body: The everyday production of health and cardiovascular risk. *Qualitative Health Research*, 17. 1088–1102.

Angus, J., Rukholm, E., St Onge, R., Michel, I., Nolan, R.P., & Lapum, J. (2005). Place, stress and the body: People at risk for coronary heart disease and the everyday production of health. *Canadian Journal of Cardiovascular Nursing*, 15(4), 29.

Angus, J., Evans, S., Lapum, J., Rukholm, E., St. Onge, R., Nolan, R. & Michel, I. (2005). “Sneaky disease”: The body and health knowledge for people at risk for coronary heart disease in Ontario, Canada. *Social Science and Medicine*, 60(9), 2117–2128.

French journal article delayed due to pH1N1.

2.2 PRIMARY RESEARCH PROJECTS: Environmental Health

2.2.1 Hamilton Child Blood Lead Prevalence Research Study

Lead

Hamilton PHRED

Partners

The Ontario Ministry of the Environment (MOE)
The OAHPP – Public Health Laboratories

Description of the Work

The main objective of the study is to provide an estimate of the prevalence of blood lead levels ≥ 0.48 $\mu\text{mol/L}$ as well as clinically actionable blood lead levels (> 0.19 $\mu\text{mol/L}$) among children six years of age or under residing within a targeted geographic area in the City of Hamilton judged to be at increased theoretical risk of environmental lead exposure. A secondary objective is to explore the influence of risk factors and environmental lead levels on children’s blood lead levels within our sample.

Proposed Deliverables and Timelines

Final report completed in early 2010.

Actual Deliverables

- An interim findings report detailing information to satisfy the main research objective – Delivered in October 2009.
- A final technical report detailing information to satisfy all research objectives – Delivery expected in Spring 2010.

2.3 PRIMARY RESEARCH PROJECTS: Family Health

2.3.1 Nutrition Screening Tool for Every Preschooler (NutriSTEP®) Project

Lead

Nutrition Resource Centre (NRC)

Partners

Sudbury PHRED, University of Guelph: Heather Keller and Janis Randall Simpson

Description of the Work

Nutrition Screening Tool for Every Preschooler Supporting Implementation in Ontario:

- Develop evaluation plan* and begin work on key tools. Evaluation Plan completed September 30, 2009.
- Members of Provincial Program Advisory Committee (PAC), meets quarterly.
- Advocate for enhanced NRC capacity (via inclusion of NutriSTEP® program in various proposals/ briefing notes submitted from key stakeholders); successful inclusion of NutriSTEP® in at least one stakeholder proposal by December 2009.
- Explore feasibility of including NutriSTEP® as component of provincial child healthy weights/ health surveillance system/data sources; contact/presentations made to at least two provincial bodies responsible for child health surveillance by December 2009.

*Evaluation Plan covers: Program Uptake; Program Materials; NRC Capacity; Parent Participation/ Effective Recruiting; Parent Nutrition Education Awareness; Screening of Children; NutriSTEP® as a Surveillance Tool; Overall Effectiveness; NutriSTEP® Tool Revision.

Proposed Deliverables and Timelines

On-going into 2010 to 2011. Many activities are listed in the Evaluation and Strategic Framework Plan and are contingent upon external funding success.

Actual Deliverables

- Evaluation and Strategic framework completed.
- Attended four PAC meetings.
- Successful advocacy for NRC with increased full-time equivalent (FTE) coordination from .5 to .7.
- Co-presented at four provincial bodies re implementation issues for NutriSTEP® program.

2.3.2 RRFSS* Analysis – HEAL Awareness & Waist Circumference Modules

** Rapid Risk Factor Surveillance System*

Lead

London PHRED

Description of the Work

- Data from two RRFSS modules, i.e., 1) the Awareness of the Action Plan's key messages and 2) the Waist Circumference (WC), developed for the evaluation of the Healthy Eating and Active Living (HEAL) Action Plan will be analyzed. Data from all health units participating in these modules will be analyzed and summary reports produced.
- Overall results will provide a measurement of the level of awareness of a sample of Ontarians to the Action Plan's key messages and an estimate of the percentage of Ontarians who are at risk of obesity-related diseases based on their predicted WC.

Proposed Deliverables and Timelines

January 2009 to spring 2010

Actual Deliverables

- Seven health units participated in the HEAL Awareness module and 12 health units across the province participated in the Waist Circumference module.
- An analysis plan and template for the final reports were drafted and the analysis initiated.

2.3.3 Predictors of Health and Developmental Trajectories Among Aboriginal and Non-Aboriginal Children in Canada: Effects of Family and Community Level Characteristics

Lead

London PHRED

Partners

The University of Western Ontario

Description of the Work

This research will use secondary data files to explore the effects of child characteristics, family environment, and community conditions on the health of Aboriginal children, as well as to compare the health and development trajectories of Aboriginal and non-Aboriginal children in terms of child, family, and community variables.

Proposed Deliverables and Timelines

2009 to 2010

Actual Deliverables

- Secondary data analysis was initiated. A presentation was made at the Health over the Life Course Conference, London, Ontario.
- Abstracts have been submitted to Canadian Public Health Association and the Canadian Paediatric Society.

2.4 PRIMARY RESEARCH PROJECTS: System Level

2.4.1 Core Public Health Functions Research Initiative

Lead

McMaster University, OAHPP, MOHLTC – Public Health Division

Partners

London PHRED, Ottawa PHRED, Sudbury PHRED

Description of the Work

Compares and contrasts the implementation of the core public health functions in British Columbia and the OPHS in Ontario. Elements being evaluated include process, impact, workforce implications, primary care and equity.

Proposed Deliverables and Timelines

2014

Actual Deliverables

PHRED representative invited to present on a panel highlighting researchers and decision makers working together; PHRED staff prepared draft communication plan and were actively engaged in recruiting sites whose staff will also serve as co-investigators.

2.4.2 Study on Health Impacts of Public Health Transit

Lead

Ottawa PHRED

Description of the Work

Data collection and analysis of health impacts of public transit disruption from multiple data sources including population survey, community partner feedback and literature review.

Proposed Deliverables and Timelines

December 31, 2009

Consideration is being given to possible publications in 2010.

Actual Deliverables

Population surveys and literature review was completed. The findings of the report were shared with OPH senior management, and the City of Ottawa, and were featured in the Ottawa Community Foundations Vital Signs report in 2009 *The Impact of the OC Transpo Bus Strike on the Health of Local Residents*. (www.ottawavitalsigns.ca)

2.4.3 Ontario Childhood Healthy Weights Surveillance System

Lead

Association of Local Public Health Agencies (alPHa), OAHPP

Partners

PHRED, APHEO, OSNPPH, Council of Medical Officers of Health (COMOH), Ministry of Education, Ministry of Health Promotion (MHP)

Description of the Work

The intended outcome is a sustainable surveillance system to monitor the heights and weights of Ontario's Grade 2 children.

Proposed Deliverables and Timelines

Development of a surveillance system which will be piloted and evaluated in 2010.

Actual Deliverables

- A literature search was completed and discussions were held with key informants to explore the advantages and limitations including unintended consequences and ethical concerns of developing such a surveillance system.
- A focus group of health units with experience measuring children's heights and weights was convened to identify lessons learned.
- An evaluation plan was developed by PHRED representatives.
- A work plan outlining an alpha and beta phase was completed.

3.0 Education and Development

3.1 Provide Student Experiences in Public Health Units

Lead

All PHRED sites

Partners

Collaborating academic centres

Description of the Work

Students in public health related disciplines, including graduate, undergraduate and post professional licensure students, including community medicine residents (Northern Ontario School of Medicine (NOSM), Queen's University) are offered a variety placement opportunities in public health units. Staff provide a variety of supports to students and serve on program advisory committees.

Community-based learning projects, clinical enquiry projects and clinical experience are available for medical students.

Proposed Deliverables and Timelines

December 31, 2010

Actual Deliverables

See Appendix D – Student Education Activities.

Hamilton PHRED

- Provided 69 student placements in Public Health and 340 student encounters which brought a front-line public health perspective into the classroom.

Kingston PHRED

- There were 90 student placements at KFL&A Public Health in 2009. Students came from six different academic institutions and represented nine different professions or curricula.

Sudbury PHRED

- There were 122 student placements in Sudbury in 2009.
- Vera Etches, Associate Medical Officer of Health continued as the director of the Community Medicine Residency program at NOSM. Additionally, PHRED continued to provide a research consultant to the Northern Ontario Dietetic Internship Program (NODIP), serve on program advisory committees and facilitate Case Based Learning sessions.

London PHRED

- The London PHRED site partnered with the Schulich School of Medicine & Dentistry, University of Western Ontario to pilot a half-day interprofessional education seminar with seven third year medical and six third year nursing students. The purpose of the pilot was to provide medical students and nursing students with an opportunity to gain knowledge regarding public health and the principles of interprofessional collaborative practice. Evaluation results indicated the half-day seminar provided students with useful information and all 13 students recommended this should be repeated again in the future.
- London PHRED site provided an interprofessional student group placement that was part of a larger research project through the Office of Interprofessional Health Education & Research, University of Western Ontario. Five students from Western participated representing Nursing, Physiology and Nutrition. The five students worked together with a pre-existing community program, Families in Action, which is a diabetes prevention program targeting Latino families.

3.2 Sponsor and Support Student Research

Lead

All PHRED sites

Partners

OPHA, local post-secondary educational institutions

Description of the Work

Students are supported to conduct relevant research out of PHRED sites.

Research for graduate thesis projects is conducted in PHRED sites, with PHRED staff providing supervision. An award of \$1,000 will be presented annually to the best paper resulting from a student project and presented at the OPHA Annual Conference.

SDHU's and Laurentian University's Louise Picard Public Health Research Grant routinely includes students as project research assistants.

London PHRED, supported the development of a thesis topic: Physical activity in preschool-aged children: A meta-analysis.

Proposed Deliverables and Timelines

Students are encouraged to continue to study issues related to public health.

Award is given at the annual OPHA conference.

Provide research related student placements.

December 31, 2009

Actual Deliverables

- Student award provided at the 2009 OPHA Annual Conference.

Hamilton PHRED

- Fourteen student research placements were provided for nursing students at McMaster University. Placements provide students with hands-on experiences in public health research.
- The recipient of the PHRED Student Research Award of \$1,000 was Carolyn Hureau, B.Sc. Honours from University of Western Ontario. Caroline is pursuing a Masters' degree at the

School of Kinesiology and Health Studies at Queen's University. She is interested in physical activity promotion, environmental factors associated with physical activity, and community-based participatory research. Carolyn is also keen to investigate the translation of knowledge from health research to practice. Currently, she is working in collaboration with Kingston Gets Active to increase physical activity levels among Grade 10 students in Kingston and surrounding areas.

Kingston PHRED

- For the 2009 to 2010 academic year KFL&A Public Health advertised the PHRED studentship in six faculties at Queen's University. The recipient of the 2009 to 2010 Studentship was Leah Smith whose topic is The short-term safety of the quadrivalent human papillomavirus (HPV) vaccine in Grade 8 girls: The Ontario COHORT study. PHRED staff supervised four other graduate level students and one post-graduate student in 2009.

London PHRED

- Supported the development of a thesis topic: Physical activity in preschool-aged children: A meta-analysis.

Sudbury PHRED

- Provided thesis support to two graduate students.

3.3 Provide Input Into Course Curricula Including Developing Innovative Teaching Models and Teaching Public Health Related Courses

Lead

All PHRED sites

Partners

Academic Health Science Centres, other academic partners

Description of the Work

Teaching/faculty contributions are made in over 15 academic institutions.

- An Master of Public Health (MPH) program was established at Queen's University in September 2009. The Director of Kingston PHRED developed and coordinated one of the core courses, "Foundations of Public Health Practice".
- London PHRED staff are playing an active role in advocating for public health content and learning experiences in the curriculum renewal of The University of Western Ontario/Fanshawe College collaborative nursing program.
- Hamilton Public Health staff person provided input/consultation to the McMaster University Nursing curriculum.
- Sudbury PHRED continues to provide input into the development of Northern Ontario School of Medicine curricula (Undergraduate Medicine Program, Post-Graduate Medicine Program, and Dietetic Internship Program). Activities include facilitating small group sessions, providing placements and preceptors, developing assessment tools, providing lectures and course material, reviewing curriculum and supporting student's interests in public health.
- Ottawa Public Health joined a committee involving faculty members from Algonquin College, the University of Ottawa, La Cité Collégiale and the Collège universitaire St. Boniface to collaborate on the development of the new Community Health Nursing Course Curriculum. This committee developed the course objectives and curriculum for the theoretical and clinical placement of the new Community Health Nursing course.

Proposed Deliverables and Timelines

Health professionals' education has enhanced public health content, delivered in part by public health staff who may serve as role models to promote public health careers.

December 31, 2010

Actual Deliverables

Hamilton PHRED

- Hamilton Public Health staff provided input and consultation for the revision of curriculum for a Population Health Assessment nursing course.
- Colleen Van Berkel, Hamilton PHRED lead is a member of the McMaster University University Nursing Executive Committee which provides oversight of the McMaster BScN curriculum.

Kingston PHRED

- An MPH program was established at Queen's University in September 2009. The Director of PHRED developed and coordinated one of the core courses, "Foundations of Public Health Practice", a required course for the program. Numerous staff of KFL&A Public Health acted as guest speakers in their area of expertise. The course was well received and will continue in 2010 with minor modifications.
- The Southeastern Dietetic Internship program has been sponsored by KFL&A Public Health since September 1993. The current internship coordinator, Marie Traynor, Registered Dietitian (RD) and her colleague Allan Coakley RD have received training for the delivery of a workshop entitled Focus on Feedback. This workshop was originally developed by Lynn Kirkland RD for Dietitians of Canada and the preceptors who supervise dietetic interns. The workshop objectives are to:
 - 1) Increase preceptor confidence in the provision of effective feedback to students and interns.
 - 2) Provide useful feedback tools, tips, and resources.
- As of December 31, 2009 this workshop was provided to 16 RDs and three Food Service Managers who precept for the Southeastern Dietetic Internship program, and four Speech and Language pathologists, 13 PHNs and one Volunteer Coordinator who precept at KFL&A Public Health.

London PHRED

- Continuing to provide input into University of Western Ontario – Fanshawe School of Nursing curriculum renewal.
- London PHRED staff and the Associate Medical Officer of Health are collaborating with the Schulich School of Medicine & Dentistry to develop new strategies to offer public health content to medical students in an efficient and effective manner (for example, Webinars).

Sudbury PHRED

- Continue to provide input into the development of NOSM curricula (Undergraduate Medicine Program, Post-Graduate Medicine Program, and Dietetic Internship Program). Activities include facilitating small group sessions, providing placements and preceptors, developing assessment tools, providing lectures and course material, reviewing curriculum and supporting students' interests in public health.

3.4 Enhancing Your Preceptor Practice: Workshop Reach and Teach Kits

Lead

London PHRED

Partners

PHRED Connection health units (includes PHRED and non-PHRED health units)

Description of the Work

This revised resource will assist and support health units and their staff in providing exemplary student learning experiences. An evaluation is planned for 2009 to 2010.

Proposed Deliverables and Timelines

2009 – Disseminate the resource

2009 to June 2010 – Evaluation

Actual Deliverables

Each health unit received a revised copy of the kit in 2009. Evaluation of the kit began in 2009 and will be completed in June 2010.

3.5 Application of Multiple Intervention Program (MIP) Approach

Lead

Ottawa PHRED

Description of the Work

Completing the Evaluation of the MIP approach with the Reproductive Health Program in collaboration with the Community Health Research Unit (CHRU).

Proposed Deliverables and Timelines

December 31, 2009

No action is planned.

Actual Deliverables

In partnership with CHRU, OPH pilot tested MIP tool kit within a reproductive health program. A project report has been produced with recommendations for CHRU representatives to consider future application of such a tool. While there was interest at a local public health unit to experience this innovative approach to planning and evaluation of service delivery, it is noted that significant modifications need to be made to the tool to make it more user friendly.

4.0 Knowledge Exchange

4.1 Health-evidence.ca

Lead

Hamilton PHRED

Partners

Maureen Dobbins, Schools of Nursing, McMaster University

Description of the Work

Health-evidence.ca provides quality research evidence to public health decision makers, which is compiled in a free, searchable online registry.

- Address learning gaps related to the identification and critical appraisal of public health research evidence.
- Identify informational needs and preferences for accessing and receiving research evidence.
- Develop an easily accessible, user friendly online public health resource – Health-evidence.ca.
- Projects explicitly address knowledge exchange. Report on key lessons learned is available. (2007 to 2008).

Proposed Deliverables and Timelines

March 31, 2009

Actual Deliverables

- Identification of health unit priorities and the subsequent development of workshops to meet needs of staff at a Division/Team level.
- Evaluation of needs identification and workshop delivery process.
- Development and dissemination of summary statements.

4.2 Development of Community-Based Public Health Resources Regarding Zoonotic Diseases and Household Pets

Lead

Hamilton PHRED

Partners

J Scott Weese, Department of Pathobiology, University of Guelph

Description of the Work

- Development of an integrated network of professionals in the field of companion animal zoonotic diseases.
- Identify needs of public health personnel in the area of household pets and zoonotic diseases.
- Develop comprehensive evidence-based information sheets regarding the different pet species and different zoonotic diseases.
- Convert information sheets that will be prepared to an electronic format that can be made available online to facilitate widespread access by public health personnel.
- Develop an educational program to increase the knowledge of public health personnel involved in health promotion concerning pets and zoonotic diseases.

Proposed Deliverables and Timelines

March 31, 2009

Actual Deliverables

Evidence-based information sheets regarding different pet species and zoonotic disease have been developed. In total 23 information sheets have been developed are available for dissemination at www.wormsandgermsblog.com.

4.3 RRFSS Website Evaluation

Lead

Kingston PHRED

Partners

Amira Ali, Ottawa Public Health
John Barbaro, Simcoe Muskoka District Health Unit
Alanna Leffley, Grey Bruce Health Unit
Karen Moynagh, Halton Region Health Department
Lynn Russell, Rapid Risk Factor Surveillance System

Description of the Work

- Relevant to all health units. Of strategic importance as the final report (2008) identified issues to be considered in the transition of RRFSS to OAHPP.
- A publication regarding the RRFSS Website Evaluation will be produced.

Proposed Deliverables and Timelines

December 2010

Actual Deliverables

This publication is not yet completed.

4.4 Northern Fruit and Vegetable Program (NFVP) Focus Groups**Lead**

London PHRED

Partners

Sudbury PHRED

Description of the Work

Focus groups will be held with students in Grades 5 to 6 and 7 to 8 in the Algoma and Porcupine regions to explore the students' perception of the Northern Fruit & Vegetable Pilot Program, the impact of the program on student fruit and vegetable consumption and their recommendations to improve the program.

Reports will provide valuable feedback to health units participating in the NFVP, the MHP and other health units that may be involved in or considering other school nutrition programs.

Proposed Deliverables and Timelines

February 2009 – Report

July 2009 – Manuscript

Actual Deliverables

- Report submitted to MHP and summaries shared with school boards, schools and parents.
- Children perceived the NFVP to be a valuable program that allowed them to try new fruit and vegetables. Participants believed they are now eating more fruit and vegetables at home and school. They also felt they have increased their awareness of the importance of eating fruit and vegetables and altered some negative opinions of fruit and vegetables. Participants would like the program to be offered more frequently with more variety of fruit and vegetables. They also wanted the educational lessons to be more fun, creative, and interactive.
- Manuscript for peer publication submitted.

4.5 Evaluation of the Health Effects of Wind Turbines

Lead

Kingston PHRED

Partners

Matthew Hodgetts, McGill University

Description of the Work

Wind turbines have been or are being considered in multiple health unit areas. There is much controversy about the health effects of wind turbines, and there is a vast range in the quality of supporting evidence. This report will assess the quality of available research and summarize the findings.

Proposed Deliverables and Timelines

December 2010

Actual Deliverables

Medical Officers of Health at Canadian Public Health Agencies (PHAs) are frequently approached by individuals and community-based organizations with strongly expressed concerns about the health impact of wind turbines. The rapid increase in current and planned use of wind turbines as a source of renewable energy has created a situation where there are often strong negative reactions from community groups, while the response from Public Health and provincial government that has not alleviated these concerns. To address the issue, KFL&A has initiated a modified scoping review to identify relevant information about Wind Turbines and Health from the peer-reviewed and grey literature, and information about Wind Turbines from government and industry documents, including technical documents, guidelines and standards. Statements from community and advocacy group and public opinion are included to document their statements, claims and concerns. Finally, the peer reviewed literature on Noise and Health in Other Settings is being reviewed to contextualize the findings. There have been three presentations of preliminary results of the study, as well as an application for Canadian Institute of Health Research (CIHR) funding for the full scoping review.

4.6 How to Partner With Others in Research Module

Lead

Sudbury PHRED

Partners

Laurentian University

Description of the Work

- Relevant to Foundational Standard – research, knowledge exchange and program evaluation.
- Of interest to many Health Units, especially those who have not historically engaged in research.
- Develop ‘just in time’ module regarding how to collaborate with others including academic researchers in research.

Proposed Deliverables and Timelines

December 2009

Actual Deliverables

This deliverable was not completed due to competing demands related to the Provincial PHRED Program transition and to the H1N1 pandemic.

5.0 Workforce Development and Core Competencies

5.1 Public Health Nutrition Practice Enhancement

Lead

Kingston PHRED

Partners

Members of the Pan Canadian Task Force on Public Health Nutrition Practice represent:

Kim Barro, Maritimes

Sheryl Bates Dancho, Manitoba

Jane Bellman, Chair and Dietitians of Canada

Shawna Berenbaum, Public Health Nutritionists Working Group of Saskatchewan

Tara Brown, Co-representative for Ontario Society of Nutrition Professionals in Public Health

Elsie De Roose, Northwest Territories and Federal/Provincial/Territorial Group on Nutrition (FPTGN)

Erica Di Ruggiero, CPHA Board

Ann Fox, University, Education, Training and Research

Anne-Marie Hamelin, Québec

Mary Lou Gignac, Provincial Regulatory Body – Liaison to the Canadian Alliance of Dietetic Regulatory Bodies

Rhonda Karas Chartrand, Co-representative of the Alberta Community/Public Health Nutrition Committee

Pam Kheong, Community Nutritionists' Council, British Columbia

Cindy Scythes, Co-representative of the Ontario Society of Nutrition Professionals in Public Health

Joan Silzer, Co-representative of the Alberta Community/Public Health Nutrition Committee

Marie Traynor, PHRED Program

Lysanne Trudeau, Eastern Ontario – Francophones

Description of the Work

1. Define public health nutrition practice in Canada.
2. Investigate and report on the need for discipline specific public health nutrition competency sets/frameworks.
3. Explore an organizational structure that can provide leadership for public health nutrition practice issues in Canada.

Proposed Deliverables and Timelines

December 2011

PHRED representation ended as of December 2009.

Actual Deliverables

1. Defined public health nutrition practice in Canada
2. Coast to Coast Consultation – Technical Report
3. Recommendations for action
4. Process report
5. Action plan for 2009 to 2011
 - Design and implement a communication strategy, including case studies
 - Influence and support the integration of recommended public health nutrition practice into updated dietetic competencies
 - Lead a process exploring leadership and organizational structures
 - Facilitate discussions with the education sector to strengthen public health nutrition in dietetic education
 - Influence the enumeration process

5.2 Benchmarking Website

Lead

Ottawa PHRED

Description of the Work

- Sustain website; identify a long term strategy.
- Continuously monitor use.

Proposed Deliverables and Timelines

The website will be sustained until December 2010. A user survey will be conducted in the September. Discussions will be initiated with the MOHLTC and the OAHPP, to explore maintenance and sustainability of this resource.

Actual Deliverables

- Website maintained as per agreement.
- Activity reports generated.
- Long term strategy – Proposal pending.

In comparison to 2008, the web visits (i.e., not registered users) declined by 30% in 2009, and the number of website views (i.e., registered users) also declined by 30% in the same time period. However, there was a 370% increase in the number of occasions survey data was entered/manipulated.

5.3 Differentiating the Novice and Expert Perspectives in the Integration of the Community Health Nursing Standards and Public Health Core Competencies Into Practice and the Performance Appraisal Process

Lead

London PHRED

Description of the Work

The purpose of this research which was funded by Public Health Agency of Canada (PHAC) was to evaluate whether revisions to the public health nurse's (PHN) performance appraisal (PA) reflected the self-reported expertise of the PHN in applying the Canadian Community Health Nursing (CCHN) Standards and the Public Health Core Competencies (PHCC).

Proposed Deliverables and Timelines

September 2009 to December 31, 2009

Actual Deliverables

- Recommendations have been made to the Middlesex-London Health Unit Nursing Practice Council and Senior Management re: integrating the standards and core competencies into the PHN performance appraisal tool and highlighting the need for clarification of the overall purpose of the performance appraisal and the definition of competent.
- A report was submitted to the Public Health Agency of Canada.
- Presentations have been made at The University of Western Ontario, Arthur Labatt Family School of Nursing and Iota Omicron Conference in London, Ontario, and at the Third National Community Health Nurses Conference in Calgary, Alberta and a manuscript is under development.

6.0 Performance Measurement

6.1 Building Workforce Capacity Around the Access and Use of Community Profile Census Data

Lead

Hamilton PHRED

Description of the Work

Development of a manual and online learning module describing what community profile census information is available, how it can be accessed and how it can be used to inform program planning for public health professionals.

Proposed Deliverables and Timelines

December 31, 2009

Actual Deliverables

- Learning objectives were mapped to PHAC Core Competency statements and served as the basis for learning module content development. Workshop, online learning module, manual and evaluation developed and implemented. Health unit staff were randomized to complete the workshop or e-module. Participant reactions and knowledge were evaluated using a survey based on Kirkpatrick's Learning Evaluation Theory.
- 45 participants piloted the learning modules. Training practices and overall quality of the module were rated as highly effective. Most participants rated their capability and intention to apply learning as high.
- Initiatives that increase access to data to inform planning are valued by public health unit practitioners and are a vehicle for inter-professional learning and capacity-building.

6.2 Performance Measurement Program for Health Units

Lead

Ottawa PHRED

Description of the Work

- To develop a performance measurement framework with indicators and measures, a data collection process, tools and template for reporting.
- Implement the framework as a performance report for monitoring and evaluation of the selected indicators.

Proposed Deliverables and Timelines

December 31, 2009

In 2010 the Performance Management team will continue consultation to validate the proposed performance measures. A final set of measures will be selected and an initial organizational-level performance report, based on the Balanced Scorecard framework, will be released April 2010 to the Ottawa Public Health Management Team. This is a preliminary report intended to inform OPH management on the organization's current areas of strength and areas for improvement. The development of the Ottawa Public Health's Balanced Scorecard is an iterative process, and will be further developed with new and/or updated measures and data sources. It is expected that the framework can usefully be developed further with ongoing public health exchange.

Actual Deliverables

- A performance measurement framework was developed based on an analysis of performance management and measurement literature and research collected from published articles, grey literature and an environmental scan.
- A preliminary list of multidisciplinary measures was generated to align with the framework
- The measures were selected to align with OPH's Executive Agenda and Strategic Framework, the City of Ottawa's Service Excellence Plan and the Ministry of Health and Long Term Care *Initial Report on Public Health, August 2009*.

Appendix A

Presentations

City of Hamilton Public Health Services (HPH)

Invited Presentations – Oral

Black, M. (2009, June). Peer-professional partners: Building bridges with ethnocultural communities for better health. *Canadian Public Health Association Conference*, Winnipeg, MB.

Crotta, R., Edgar, K., Van Berkel, C., & Schofield, R. (2009, November). Get the “PHacts!”: Building public health workforce capacity around the access and use of Census data. *2009 Ontario Public Health Agency Conference*, Toronto, ON.

O’Mara, L., Mueller, D., & Grypstra, L. (2009, June). Youth net Hamilton: What we learned about stigma and youth mental health promotion. *Youth Net National Conference: Translating Knowledge to Practice*, Hamilton, ON.

Ramey, H. (2009, June). Youth engagement and suicide risk: Findings from the youth net Hamilton & Youth Net/Réseau Ado Ottawa Survey. *Youth Net National Conference: Translating Knowledge to Practice*, Hamilton, ON.

Busser, D. (2009, November). The evidence for intensive nurse home visitation: The nurse-family partnership program. *2009 Ontario Public Health Agency Conference*, Toronto, ON.

O’Mara, L., Mueller, D., & Grypstra, L. (2009, November). Youth net Hamilton: What we learned about stigma and youth mental health promotion. *2009 Ontario Public Health Agency Conference*, Toronto, ON.

Linkewich, A., Ball, C., Bickle, S., Aldred, J., Cava, M., Day, N., Uetrecht, C., & Wadham, T. (2009, November). Implementing a competency-based performance management system to strengthen the public health workforce. *2009 Ontario Public Health Agency Conference*, Toronto, ON.

Busser, D., Thorne, S., Coley, C., Szozda, S., Buffett, L., Pietrantonio, M., & Elliott, A. (2009, November). Making a promise to make a difference: The nurse-family partnership home visitation program. *2009 Ontario Public Health Agency Conference*, Toronto, ON.

Ball, C., Goldblatt, E., Richardson, E., Agnew, R., Edwards, V., Harding-Cruz, S., Spong, C., Querney, D., & Van Berkel, C. (2009, November). An inter-professional learning approach for introducing the core competencies for public health in Canada release 1.0. *2009 Ontario Public Health Agency Conference*, Toronto, ON.

Invited Presentations – Poster

Crotta, R., & Edgar, K. (2009, October). *Get the PHacts (yourself!): Guide to Statistics Canada Census data products*. Hamilton Public Health Services, ON. (offered x 3)

Hopkins, J. (2009, March). *Social determinants of health workshop: Thinking upstream about public health services*. Hamilton, ON.

Weldon, D. (2009, September). *Social determinants of health workshop: Thinking upstream about public health services*. Hamilton, ON. (offered x2)

Weldon, D. (2009, October). *Social determinants of health workshop: Thinking upstream about public health services*. Hamilton, ON.

Workshops

Crotta, R., & Edgar, K. (2009, October). *Get the PHacts (yourself!): Guide to Statistics Canada Census data products*. Hamilton Public Health Services, ON. (offered x 3)

Hopkins, J. (2009, March). *Social determinants of health workshop: Thinking upstream about public health services*. Hamilton, ON.

Weldon, D. (2009, September). *Social determinants of health workshop: Thinking upstream about public health services*. Hamilton, ON. (offered x2)

Weldon, D. (2009, October). *Social determinants of health workshop: Thinking upstream about public health services*. Hamilton, ON.

Kingston, Frontenac and Lennox & Addington Public Health (KFL&A)

Invited Presentations – Oral

- Baldock, J. (2009, November). Motiv8 workplace series. *Ontario Public Health Association Conference 2009: Building for the Future*, Toronto, ON.
- Dube, A. (2009, June). Services d'orthophonie en français-programme de services de rééducation de la parole et du langage pour les enfants d'âge préscolaire. *Best Start French Network at the Association canadienne-française de l'Ontario (ACFO), Conseil régional des Mille-Iles*, Kingston, ON.
- Edwards, C. (2009, March). Alcohol and chronic disease panel presentation. *The 6th Annual Alcohol: No Ordinary Commodity Forum, Alcohol Across the Lifespan: Current Research and Practical Applications for Alcohol-Related Harm*, Toronto, ON.
- Gemmill, I.M. (2009, February). Not Just for Kids: How vaccines keep adults healthy too. Continuing Medical Education (CME) Event, Kingston, ON.
- Gemmill, I.M. (2009, May). H1N1 (New variant). *Family Medicine Grand Rounds*, Kingston, ON.
- Gemmill, I.M. (2009, May). New vaccines & adverse effects. *CME Event*, Kingston, ON.
- Gemmill, I.M. (2009, June). Public health in Canada and Ontario. *Union College medical students at Queen's University*, Kingston, ON.
- Gemmill, I.M. (2009, June). Immunization competencies. *Canadian Public Health Association*, Winnipeg, MB.
- Gemmill, I.M. (2009, June). Ontario universal influenza immunization program. *British Columbia Immunization Forum*, Vancouver, BC.
- Gemmill, I.M. (2009, October). Immunization roundtable. *Canadian Public Health Association*, Ottawa, ON.
- Lévesque, L.E. (2009, April). Le développement d'un médicament et les études cliniques. *Colloque – L'envers de la pilule, Centre de formation continue, Faculté de médecine, Université de Sherbrooke*, Sherbrooke, QC.
- Lévesque, L.E. (2009, April). Regard critique sur les guide de pratique : Le consensus canadien sur la dyslipidémie et la prévention primaire. *Colloque – L'envers de la pilule, Centre de formation continue, Faculté de médecine, Université de Sherbrooke*, Sherbrooke, QC.
- Lévesque, L.E. (2009, April). Regard critique sur les guide de pratique : Le guide 2008 du Canadian Journal of Diabetes et la prévention primaire de la dyslipidémie. *Colloque – L'envers de la pilule, Centre de formation continue, Faculté de médecine, Université de Sherbrooke*, Sherbrooke, QC.
- MacPhail, A. (2009, October). Kingston coalition for active transportation. *Eastern Region Injury Network Networking Day*, Kingston, ON.
- Masotti, P. (2009, October). Are wind turbines a rural health issue? Preliminary results of a scoping review of the literature. *Canadian Rural Health Research Society 8th Conference: Rural Life, Health, Environment – The Full Spectrum*, Kingston, ON.
- Smith, A. (2009, November). Motiv8 workplace series evaluation. *Ontario Public Health Association Conference 2009: Building for the Future*, Toronto, ON.
- Taggart, S. (2009, November). Motiv8 initiative. *Ontario Public Health Association Conference 2009: Building for the Future*, Toronto, ON.
- Welsh, A. (2009, November). Women and children travel. *Travel Medicine Update 2009*, Toronto, ON.

Invited Presentations – Poster

Seaton, F., & Knapp, A. (2009, May). Outbreak of gastroenteritis at a residential summer camp. *Community Hospital and Infection Control Association Canada Conference*, St. John's, NL.

van Dijk, A. (2009, December). Automated mortality surveillance in South-Eastern Ontario for pandemic influenza preparedness: rationale and methodology. *International Society for Disease Surveillance Conference*, Miami, FL.

van Dijk, A. (2009, December). Environmental heat monitoring and heat illness surveillance. *International Society for Disease Surveillance Conference*, Miami, FL.

Workshops

Edwards, C. (2009, September). Greater Kingston area safe and sober community alliance every drink is a choice campaign, St. Lawrence College Resident Advisor Training, Kingston, ON.

Edwards, C., Giesbrecht, N., Gill, D., & Kobus-Matthews, M. (2009, January). *Alcohol risk & chronic disease: Making the link*, Guelph, ON.

Edwards, C., Giesbrecht, N., Gill, D., & Kobus-Matthews, M. (2009, February). *Alcohol risk & chronic disease: Making the link webinar*, Northern ON (LHIN 13 & 14).

Kempston, L. (2009, December). *Speech and language development*. Better Beginnings for Kingston Children, Kingston, ON.

Melville, N. (2009, January). Smoking cessation. *Registered Nurses' Association of Ontario Smoking Cessation Champions Workshop*, Gananoque, ON.

Morrissey, J. (2009, August). *School readiness: What you can do to facilitate speech, language and literacy skills*. Ontario Early Years Centre, Kingston, ON.

Morrissey, J. (2009, November). *Promoting early literacy and language from day one*. Kingston Childbirth, Kingston, ON.

Traynor, M. (2009, September). *Focus on feedback*, Kingston, ON.

Traynor, M. (2009, November). *Focus on feedback*, Kingston, ON.

Weber, K. (2009, March). *Building community partnerships*. Kingston Area Association of Administrators of Volunteers, Kingston, ON.

Weber, K. (2009, October). *KFL&A Public Health Volunteer Program volunteer opportunities*. Queen's University Student Education Committee, Kingston, ON.

Middlesex-London Health Unit (MLHU)

Invited Presentations – Oral

- Beynon, C. (2009, May). Decision maker perspectives. *Core Public Health Functions Research Initiative Research Methods Symposium*, Victoria, BC. (panel)
- Beynon, C., & He, M. (2009, November). Local health units and evaluators partnering: A school-based fruit and vegetable program. *Ontario Public Health Conference*, Toronto, ON. (round table presentation)
- Gurunge, S., Ford-Gilboe, M., Samuels-Dennis, M., Wilk, P., Varcoe, C., Wuest, J., & Hammertson, J. (2009, June). The impact of social support and conflict on women's health in context of leaving an abusive partner. *International Family Nursing Conference*, Reykjavik, IS.
- Killough, G., He, M., Battram, D., Kurtz, J., & Mandich, G. E. (2009, May). Pause-2-Play. *The 1st National Obesity Summit*, Kananaskis, AB.
- Ford-Gilboe, M., Wuest, J., Varcoe, C., & Wilk, P. (2009, June). Predicting changes in family functioning in the early years after leaving an abusive partner. *International Family Nursing Conference*, Reykjavik, IS.
- Ford-Gilboe, M., Wuest, J., Varcoe, C., & Wilk, P. (2009, June). Predicting changes in family functioning in the early years after leaving an abusive partner. *International Family Nursing Conference*, Reykjavik, IS.
- Ford-Gilboe, M., Wuest, J., Varcoe, C., & Wilk, P. (2009, October). Predicting changes in family functioning in the early years after leaving an abusive partner. *Nurses Network on Family Violence Conference*, Miami, FL.
- Gurunge, S., Ford-Gilboe, M., Samuels-Dennis, J., Wilk, P., Varcoe, C., Wuest, J., & Hammerton, J. (2009, June). The impact of social support and conflict on women's health in the context of leaving an abusive partner. *International Family Nursing Conference*, Reykjavik, IS.
- He, M., Harvey, E., Battram, D. S., Mandich, G. E., Clarson, C. L., & Harris, S. B. (2009, June). Latino Families in Action (LFIA): Implementing and evaluating a community-based obesity prevention program for a high-risk paediatric population. *Strengthening Connections: Canadian Public Health Association 2009 Annual Conference*, Winnipeg, MB.
- He, M., Harvey, E., Battram, D. S., Mandich, G. E., Clarson, C. L., & Harris, S. B. (2009, October). A culturally sensitive community-based obesity prevention program targeting Latino-Canadian children: A pilot study. *The 20th World Diabetes Congress*, Montreal, QC.
- He, M., Piché, L., Battram, D., Giroux, I., Beynon, C., Swans, J., & Kurtz, J. (2009, April). Sweetened beverage consumption and its contributing factors among school-aged children – A multilevel analysis. *Inaugural Texas Obesity Research Center Conference*, Houston, TX.
- Laschinger, H. K. S., Finegan, J., & Wilk, P. (2009, August). *Testing a multi-level model of staff nurse organizational commitment*. Academy of Management, Chicago, IL.
- Jenkins, K. (2009, November). Students teach us? Preceptorship – A professional development model. *Ontario Public Health Association*, Toronto, ON.
- Pach, B., McArthur, A., Aulicino, M., Cayen, M., Goldblatt, E., Jessop, G., Kemp, H., Merriott, C., Murray, B., Sisler, P., & Tynl, Y. (2009, November). Literature searches for the Ontario Public Health Standards: Research evidence in context. *Ontario Public Health Association*, Toronto, ON.
- Sealy, P., Dueck, L., Bewick, D., Buckland-Foster, I., Hartford, A., & Gritke, J. (2009, May). Differentiating the novice and expert perspectives in the integration of the Canadian Community Health Nursing Standards into practice and the performance appraisal process. *The University of Western Ontario, Labatt School of Nursing and Iota Omicron Conference*, London, ON.

Sealy, P., Dueck, L., Bewick, D., Buckland-Foster, I., Hartford, A., & Gritke, J. (2009, June). Differentiating the novice and expert perspectives in the integration of the Canadian Community Health Nursing Standards into practice and the performance appraisal process. *3rd National Community Health Nurses Conference*, Calgary, AB.

Sealy, P., Wilk, P., Beynon, C., Bennett, S., Leake, J., & Hartford, A. (2009, November). Parental perceptions of the Children In Need Of Treatment (CINOT) dental program. *Ontario Public Health Conference: Building for the Future*, Toronto, ON.

Thomas, H. M., Tucker, P., Fellner, L., Irwin, J. D. (2009, May). Healthy eating and active living: Practices of after-school childcare providers. *Canadian National Obesity Summit*, Kananaskis, AB.

van Zandvoort, M., Tucker, P., Burke, S. M., & Irwin, J. D. (2009, November). Physical activity at daycare: Issues, challenges and perspectives. *Ontario Public Health Association Conference*, Toronto, ON. (round table presentation)

Vingilis, E., & Wilk, P. (2009, August). Protective and risk factors using problem behaviour theory: Examination of the Canadian national population health survey. *European Conference on Developmental Psychology*, Vilnius, Lithuania.

Vingilis, E., & Wilk, P. (2009, June). Do self-reported speeding and impaired driving predict subsequent motor vehicle collision injuries? Examination of the national population health survey. *Canadian Multidisciplinary Road Safety Conference*, Saskatoon, SK.

Vingilis, E., & Wilk, P. (2009, June). Do Canadians intervene to prevent impaired driving and non use of seat belts? Examination of the National Population Health Survey. *Canadian Multidisciplinary Road Safety Conference*, Saskatoon, SK.

Wilk, P. (2009, October). Predictors of health and developmental trajectories among Aboriginal preschool-aged children in Canada: Effects of family – and community-level characteristics. *Health Over the Life Course Conference*, University of Western Ontario, London, ON.

Wilk, P., & Vingilis, E. (2009, October). Health compromising behaviours: An extension of problem-behaviour theory. *Canadian Research Data Centres Network Conference*, London, ON.

Invited Presentations – Poster

Tucker, P., van Zandvoort, M., Burke, S. M., & Irwin, J. D. (2009, May). Physical activity at daycare: Issues, challenges and perspectives. *Canadian National Obesity Summit*, Kananaskis, AB.

Workshops

Sealy, P., Buckland-Foster, I., Bewick, D., Dueck, L., Gritke, J., & Hartford, A. (2009, June). Community Health Nurses standards and core competencies: Retooling the performance appraisal system. *3rd National Community Health Nurses Conference*, Calgary, AB.

Ottawa Public Health (OPH)

Invited Presentations – Oral

Ali, A. (2009, August). *Public health data for health planning*. Champlain Decision Support Network, Ottawa, ON.

Ali, A. (2009, August). *Public reporting: surveillance and communicable disease*. Municipal Public Health, Ottawa University Epidemiology Students, Ottawa, ON.

Frojmovic, M., Hasan, O., & Strachan, N. (2009, September). *Knowledge management – practices for public health workshop*. Ottawa Public Health Staff, Ottawa, ON.

Monette, P. (2009, June). Research ethics and evaluation ethics. *Public Health Ethics Forum*, Ottawa, ON.

Zimmerman, L., Douglas, J., Robertson-Palmer, K., & Rowan, M. (2009, June). Supporting evidence-informed practice in public health: lessons learned through a participatory approach in developing a web-based planning and evaluation tools series. *Canadian Evaluation Society (CES) Conference*, Ottawa, ON.

Invited Presentations – Poster

Russell, K., Ali, A., Krisjansson, E., Sawada, M., He, J., McKinnon, J., & Hole, D. (2009, May). Ottawa Neighbourhood Study – poster / Neighbourhood Community Health Indicators Assessment/ Analysis. *Canadian Society of Epidemiology and Biostatistics/Association of Public Health Epidemiologists (CSEB/APHEO) Conference*, Ottawa, ON.

Workshops

National Collaborating Centre for Methods and Tools. (2009, May). *Knowledge transfer workshop: evidence-informed decision-making in chronic disease prevention & evidence-informed decision-making in child health/environmental health*, Ottawa, ON.

Sudbury & District Health Unit (SDHU)

Invited Presentations – Oral

Alladin, A. (2009, March). *Transcultural health – Islamic perspective*. Third year nursing students, Laurentian University, Sudbury, ON.

Bennett, A. (2009). *Applied public health research and program evaluation*. Laurentian University, Sudbury, ON.

Bennett, A., & Snelling, S. (2009, February). *Evidence-informed practice in children's health*. Community Research Network for Children and Youth of Greater Sudbury, Sudbury, ON.

Beyers, J. (2009, September 15 & 18). *Introduction to research. Dietetic interns and preceptors in Northern Ontario Dietetic Internship Program (NODIP)*. Northern Ontario School of Medicine (NOSM), Sudbury, ON.

Pach, B., McArthur, A., Tyml, Y., Cayen, M., & Goldblatt, E. (2009, November). Literature searches for the OPHS: Research evidence in context. *Ontario Public Health Association (OPHA) 2009 Annual Conference: Building for the Future*, Toronto, ON.

Gauthier, A. P., Larivière, M., Pong, R., Snelling, S., & Young, N. L. (2009, October). Why are some people active and others not? Predictors of physical activity among a sample of French Canadians. *Canadian Rural Health Research Society Conference*, Kingston, ON.

Lefebvre, S. (2009, November). The health equity mapping project: Guiding the Sudbury & District Health Unit's approach to social inequities in health. *Ontario Public Health Association (OPHA) 2009 Annual Conference*, Toronto, ON.

Michel, I. (2009, February). Applied research: A partnership between researchers and the community setting. *Community Research Network for Children and Youth of Greater Sudbury – Panel Discussion*, Sudbury, ON.

Allaire, G., & Michel, I. (2009, March). *Second report on the health of Francophones in Ontario*. Northern Ontario School of Medicine (FA 1202), Sudbury and Thunder Bay, ON.

Michel, I., & Palangio, A. (2009, February). *Conducting health research with Francophones*. Laurentian University, School of Rural and Northern Health, Sudbury, ON.

Michel, I., & Warren, C. (2009, February). The health impact of poverty: Key roles for nursing. *Sudbury District Registered Nurses Association of Ontario (RNAO) Annual General Meeting*, Sudbury, ON.

Snelling, S. (2009, January). Making program evaluation work for you. *Training Days for Volunteer Managers*, Sudbury, ON.

Vettoretti, I. (2009, October 5). Sudbury Soils Study: Lessons learned. *Canadian Institute of Public Health Inspectors 2009–70th Annual Ontario Branch Educational Conference*, London, ON.

Vettoretti, I. (2009, October). *The research ethics review process: Establishing roles and responsibilities of an ethics committee*. Research Committee of the Child Care Resources Group, Sudbury, ON.

Invited Presentations – Poster

Kennedy, E., Mangles, J., Truscott, R., Garcia, J., Beyers, J., & Uetrecht, C. (2009, March). Developing the health eating, physical activity and healthy weights guidelines for Public Health in Ontario. *7th Canadian Cochrane Conference*, Halifax, NS.

Ogunnaik-Cooke, S., McGuire, M., Cule, S., Archibald, C.P., the National I-Track Study Team, & the National M-Track Study Team. (2009, April). What's in a name? Differentiating HIV risk between

MSM-IDU and IDU-MSM. *18th Annual Canadian Conference on HIV/AIDS Research – Facing the Evolving Epidemic Conference*, Vancouver, BC.

McGuire, M., Archibald, C. P., Fyfe, M., Hennink, M., P. Leclerc, P., Millson, P., Singh, A. E., Snelling, S., Tarasuk, J., & Wylie, J. (2009, April). HIV risk profiles among MSM-IDU and MFSP-IDU: Results from a national enhanced HIV surveillance system. *18th Annual Canadian Conference on HIV/AIDS Research – Facing the Evolving Epidemic conference*, Vancouver, BC.

Angus, J., Rukholm, E., Michel, I., Seto, L., Lapum, J., Del Frate, S., Timmermans, K., Larocque, S., & Nolan, R. P. (2009, April). Context and cardiovascular risk modification in two regions of Ontario, Canada: How does place matter? *European Society of Cardiology, Council of Cardiovascular Nurses and Allied Health Professions, 9th Annual Spring Meeting on Cardiovascular Nursing*, Dublin, IE.

Tarasuk, J., Choudhri, Y., Ogunnaik-Cooke, S., Fyfe, M., Hennink, M., LeClerc, P., Millson, P., Singh, A., Snelling, S., Wylie, J., & Archibald, C. (2009, September). I-Track: Enhanced surveillance of HIV and Hepatitis C risk behaviours among people who inject drugs in Canada: Factors associated with housing stability. *Interdepartmental Policy Forum on the Determinants of Health and HIV/AIDS*, Ottawa, ON.

Centre for Rural and Northern Health Research, Laurentian University. (2009, October). A decade of research on nurse practitioners in Ontario: Information, insights and impact. *Ministry of Health and Long-term Care 2009 Health Research Showcase*, Toronto, ON.

Workshops

Warren, C. (2009, February). *N'Vivo 7 software training*. Sudbury & District Health Unit, Sudbury, ON.

Keller, H., Randall-Simpson, J., Rysdale, L., & Beyers, J. (2009, October). NutriSTEP® in Ontario. *Provincial Family Health Team RD Annual Conference*, Huntsville, ON.

Ontario Public Health Association: Access, Equity and Social Justice Committee (Lefebvre, S). (2009, November). How do I address health inequities in my program development: Using “First Steps to Equity” in population health assessment, program planning and evaluation. *Ontario Public Health Association 2009 Annual Conference*, Toronto, ON.

Appendix B

Publications

City of Hamilton Public Health Services

Articles in Professional Journals Without Review Committee

Harding-Cruz, S., McKeary, M., & Newbold, B. (2009). West Nile Virus messaging within diverse communities. *Equal Access...is Everybody's Business, Q2. electronic newsletter.*

Kingston, Frontenac and Lennox & Addington Public Health

Articles Submitted to Peer Reviewed Journals

Blagojevic, A., Delaney, J. A. C., Lévesque, L. E., Dendukuri, N., Boivin, J. F., & Brophy, J. M. (2009). Investigation of an interaction between statins and clopidogrel after percutaneous coronary intervention: A cohort study. *Pharmacoepidemiol Drug Safe*; 18(5):362–369. (Epub Mar 2, 2009) (CIHR MOP# 77709).

Caudle, J. M., van Dijk, A., Rolland, E., & Moore, K. (2009). Telehealth Ontario detection of gastrointestinal illness outbreaks *Canadian Journal of Public Health*; 100(4):253–257.

Etminan, M., Lévesque, L. E., Fitzgerald, J. M., & Brophy, J. M. (2009). Risk of upper gastrointestinal bleeding with oral bisphosphonates and nonsteroidal anti-inflammatory drugs: a case-control study. *Aliment Pharmacol Ther*; 29(11):1188–1192. (Epub Mar 2, 2009).

Filion, K. B., Schneider-Lindner, V., Karp, I., Lévesque, L. E., Brophy, J. M., & Suissa, S. (2009). Continuation of statin treatment and mortality: a note of caution on excessive benefits. *Arch Intern Med*; 169(11):1080.

Lévesque, L. E., Hanley, J. A., Kezouh, A., & Suissa, A. (In Press). Immortal time bias in cohort studies: An example using statins for the prevention of diabetes progression. *British Medical Journal*, accepted August 25, 2009.

Lipscombe, L. L., Gruneir, A., Lévesque, L. E., Gill, S., & Rochon, P. A. (2009). Antipsychotic use and risk for hyperglycemia in elderly patients with DM – Reply. *Arch Intern Med*; 169(22):2165–2166.

Lipscombe, L. L., Lévesque, L. E., Gruneir, A., Fischer, H. D., Juurlink, D. N., Gill, S., Herrmann, N., Hux, J. E., Anderson, G. M., & Rochon, P. A. (2009). Antipsychotic drugs and hyperglycemia in older patients with diabetes. *Arch Intern Med*; 169(14):1–8. (Featured in ACP Journal Club, *Ann Intern Med*; 151(10):JC512).

van Dijk, A., Aramini, J., Edge, G., & Moore, K. (2009). Real-time surveillance for respiratory disease outbreaks, Ontario, Canada. *Emerging Infectious Disease*; 15(5):799–801.

Published Abstracts

Hodgetts, M., Masotti, P., Smith, A., & O'Connor, K. (2009). Are wind turbines a rural health issue? Results of a scoping review of the literature. *Canadian Rural Health Research Society 8th Conference: Rural Life, Health, Environment – The Full Spectrum*. Queen's University, Kingston, ON.

Research Reports

Smith, A. (2009). *Evaluation of a workplace health promotion intervention targeting employees' health behaviours: The Motiv8 workplace series*. Kingston, ON: KFL&A Public Health.

Stewart, S., Scott, K., Bird, J., & Kusik, K. (2009). *Step into fitness evaluation*. Kingston, ON: KFL&A Public Health.

Other Reports

Sinclair, S. (2009). *Community health status reports: Facts & figures*. <http://www.kflapublichealth.ca/Research.aspx?ReportTypeId=6>

Middlesex-London Health Unit

Refereed Papers

Ford-Gilboe, M., Wuest, J., Varcoe, C., Davies, L., Merritt-Gray, M., Campbell, J., & Wilk, P. (2009). Modelling the effects of intimate partner violence and access to resources on women's health in the early years after leaving an abusive partner. *Social Science Medicine*, 68(6), 1021–1029.

He, M., Beynon, C., Sangster Bouck, M., St. Onge, R., Stewart, S., Khoshaba, L., Horbul, A. B., & Chircoski, B. (2009). Impact of the northern fruit and vegetable pilot program – A cluster-randomized controlled-trial. *Journal of Public Health Nutrition*, 12(11), 2199–2208.

He, M., Callaghan, C., Evans, A., & Mandich, G. E. (2009). Healthy eating champions award for elementary schools: Findings from a process evaluation. *Canadian Journal of Dietetic Practice and Research*, 70(2), 101–104.

He, M., Harris, S. B., Piché, L., Beynon, C. (2009). Understanding screen-related sedentary behavior and its contributing factors among school-aged children: A social-ecological exploration. *American Journal of Health Promotion*, 23(5), 299–308.

Laschinger, H. K. S., Finegan, J., & Wilk, P. (2009). Context matter: The impact of unit leadership and empowerment on nurses' organizational commitment. *The Journal of Nursing Administration*, 39(5), 228–235.

Larsen, K., Gilliland, J., Hess, P., Tucker, P., Irwin, J., & He, M. (2009). The influence of the physical environment and sociodemographic characteristics on children's mode of travel to and from school. *American Journal of Public Health*, 99(3), 520–526.

Sealy, P., Fraser, J., Simpson, J., Evans, M., & Hartford, A. (2009). Community awareness of postpartum depression. *Journal of Obstetric, Gynecologic, and Neonatal Nursing*, 38(2), 121–133.

Tucker, P. (2009). Bald is beautiful? The psychosocial impact of alopecia areata. *Journal of Health Psychology*, 14(1), 138–147.

Tucker, P., Irwin, J. D., Gilliland, J., & He, M. (2009). Adolescents' perspectives of home, school and neighborhood environmental influences on physical activity and dietary behaviors. *Children, Youth and Environments*, 18(2), 12–35.

Tucker, P., Irwin, J. D., Gilliland, J., & He, M. (2009). Environmental influences on physical activity levels in youth. *Health and Place*, 15(1), 357–363.

Wuest, J., Ford-Gilboe, M., Varcoe, C., Lent, B., Wilk, P., & Campbell, J. C. (2009). Abuse-related injury and symptoms of posttraumatic stress disorder as mechanisms of chronic pain in survivors of intimate partner violence. *Pain Medicine*, 10(4), 739–747.

Articles Submitted to Peer Reviewed Journals

Callaghan, C., Mandich, G. E., & He, M. (in press). Healthy vending machine pilot project in four Ontario secondary schools. *Canadian Journal of Dietetic Practice and Research*.

He, M., Beynon, C., Gritke, J., Henderson, M., Kurtz, J., Sangster Bouck, M., St. Onge, R., van Zandvoort, M., Chevrier-Lamoureux, R., & Warren, C. (under review). Children's perceptions of the northern fruit and vegetable program in Ontario, Canada. *Journal of Nutrition Education and Behavior*.

He, M., Li, E., Harris, S. B., Huff, M., Yau, C., & Anderson, H. (in press). The Canadian global village reality: A look at anthropometric surrogate cut-offs and metabolic abnormalities among East-Asian, South-Asian and European descendants. *Canadian Family Physician*.

He, M., Piché, L., Beynon, C., & Harris, S. B. (in press). Screen-related sedentary behaviors: Children's and parents' attitudes, social influence and intention. *Journal of Nutrition Education and Behavior*.

He, M., Piché, L., Clarson, C., & Harris, S. B. (in press). Childhood overweight & obesity management: A national perspective of primary HEALTH care providers' views, practices, perceived barriers and needs. *Paediatrics and Child Health*.

He, M., Piché, L., Kurtz, J., Beynon, C., & Harris, S. B. (in press). Screen-related sedentary behaviours of school-aged children: Principals' and teachers' perspectives. *Health Education Journal*.

Sangster Bouck, M., St. Onge, R., He, M., Beynon, C., Lemieux, S., Khoshaba, L., & Stewart, S. (in press). Process evaluation of a school-based fruit and vegetable program. *Canadian Journal of Dietetic Practice and Research*.

Sealy, P., Farrell, N., & Hoogenboom, A. (in press). Caregiver self-report of children's ages one to four years of age use of the sippy cup. *Journal of Pediatric Nursing*.

Tucker, P., & Irwin, J. D. (in press). University students' satisfaction with, interest in improving, and receptivity to attending programs aimed at health and wellness: A needs assessment. *Health Promotion Practice*.

Vingilis, E., & Wilk, P. (in press). Self-reported road safety strategies, risky driving behaviours, and subsequent motor vehicle injuries: Analysis of Canadian national population health survey. *Canadian Public Policy*.

Research Reports

Beynon, C., He, M., Gritke, J., van Zandvoort, M., Warren, C., Chevrier-Lamoureux, R., & Henderson, M. (2009). *Evaluation of the northern fruit and vegetable program phase II: Children's perceptions – Algoma final report*. London, ON: Middlesex-London Health Unit.

He, M., Beynon, C., Sangster Bouck, M., Gritke, J., St. Onge, R., Kurtz, J., & Henderson, M. (2009). *Evaluation of the northern fruit and vegetable program phase II – Children's perceptions – Porcupine final report*. London, ON: Middlesex-London Health Unit.

Sealy P., Bewick, D., Buckland Foster, I., Dueck, L., Hartford, A., & Gritke, J. (2009). *Adapting the performance appraisal system for public health nurses to reflect expertise in applying the Canadian community health nursing standards and the public health core competencies*. London, ON: Middlesex-London Health Unit.

Other Reports

Wilk, P., White, J. P., & Guimond, É. (2009). Métis educational attainment. In White, J. P., Peters, J., Beavon, D., & Spence, N. *Aboriginal education: Current crisis and future alternatives*. Toronto, ON: Thompson Educational Publishing.

Newsletters

Jenkins, K. (Ed.) (2009). *PHRED Focus*. 18(1).

Ottawa Public Health

Articles Submitted to Peer Reviewed Journals

Villeneuve, P.J., Ali, A., Challacombe, L., Hebert, S., Author, A., & Author, B. (2009). Intensive hog farming operations and self-reported health among nearby rural residents in Ottawa, Canada. *BMC Public Health*, 09:330 (10 September 2009).

Other Reports

Zimmerman, L., Willmore, J., Marshall, C., Parker, H., Laplante, D., & Robertson-Palmer, K. (2009 to March 2010). *Feasibility analysis regarding mandatory helmet use for youth – policy or by-law in city facilities: report to Council*. Ottawa, ON: Ottawa Public Health.

Sudbury & District Health Unit

Refereed Papers

Angus, J., Rukholm, E., Michel, I., Larocque, S., Seto, L., Lapum, J., Timmermans, K., Chevrier-Lamoureux, R., & Nolan, R. (2009). Context and cardiovascular risk modification in two regions of Ontario, Canada: A photo elicitation study. *International Journal of Environmental Research and Public Health Special Issue Cardiovascular Diseases and Public Health*. 6(9), 2481–2499.

Montgomery, P., Bailey, P., Johnson Purdon, S., Snelling, S.J., & Kauppi, C. (2009, September). Women with postpartum depression: “my husband” stories. *BMC Nursing* 8:8. Retrieved from: <http://www.biomedcentral.com/1472-6955/8/8>

He, H., Beynon, C., Sangster Bouck, M., St Onge, R., Stewart, S., Khoshaba, L., Horbul, B. A., & Chircoski, B. (2009). Impact evaluation of the Northern Fruit and Vegetable Pilot Program — a cluster-randomized controlled-trial. *Journal of Public Health Nutrition*; 12(11):2199–2208.

Sangster Bouck, M., St Onge, R., He, M., Beynon, C., Lemieux, S., Khoshaba, L., & Stewart, S. (in press). Process Evaluation of a school-based Fruit and Vegetable Program in northern Ontario. *Canadian Journal of Dietetic Practice and Research*.

Research Reports

Russell, E., Manske, S., Kroeker, C., Murkin, E., Beyers, J., & Leatherdale, S. (2009). *School Health Environment Survey: Learning from the 2007–2008 implementation and contributing to the future: Understanding public health and education engagement in school-based surveillance*. Waterloo, ON: Centre for Behavioural Research and Program Evaluation.

Manske, S., Kroeker, C., Murkin, E., Beyers, J., Leatherdale, S., Burkhalter, R., & Ahmed, R. (2009). *School Health Environment Survey: Learning from the 2007–2008 implementation and contributing to the future: Refining and abbreviating the questionnaire*. Waterloo, ON: Centre for Behavioural Research and Program Evaluation.

Sudbury & District Health Unit. (2009). *Evaluation of a poster for the chlamydia campaign project*. Sudbury, ON: Author.

Sudbury & District Health Unit. (2009). *Public health considerations in the management of harmful blue-green algae (Cyanobacteria) in a Boreal Shield community—Sudbury, Ontario*. Sudbury, ON: Author.

Sudbury & District Health Unit. (2009). *Overview of the health equity mapping project: A report on process, results, and recommendations for practice*. Sudbury, ON: Author.

Sudbury & District Health Unit Public Health Research, Education and Development (PHRED) Program. (2009). *Let's get moving...for the health of it! Final project evaluation report*. Sudbury, ON: Author.

Sudbury & District Health Unit Public Health Research, Education and Development (PHRED) Program. (2009). *Annotated inventory of evaluation tools and resources*. Sudbury, ON: Author.

Sudbury & District Health Unit Public Health Research, Education and Development (PHRED) Program. (2009). *Annotated inventory: Background paper*. Sudbury, ON: Author.

Sudbury & District Health Unit. (2009). *2007–2008 inventory of research and evaluation projects*. Sudbury, ON: Author.

Newsletters

Traynor, M., Beyers, J. (2009, September). PHRED: Creating and sustaining a public health nutrition workforce. *OPHA Monthly Ebulletins: Constituent Society Corner*. Retrieved from: <http://www.opha.on.ca/media/ebulletins/Sep09/consocupdt.shtml>.

Fact Sheets

Sudbury & District Health Unit. (2009). *Infant feeding practices in Sudbury, Ontario: Fact sheet: Based on statistics from the Niday Perinatal Database*. Sudbury, ON: Author.

Appendix C

Research and Evaluation Projects

City of Hamilton Public Health Services

2009 Hamilton Student Drug Use and Health Survey	
<p>Principal Investigators Angela Paglia-Boak, Robert E. Mann, Edward M. Adlaf, and Jürgen Rehm, Centre for Addiction and Mental Health (CAMH) John Pollard, Institute for Social Research (ISR), York University</p>	<p>Participating PHRED Staff Corry Curtis</p>
<p>Others</p>	
<p>Funding PHRED, \$5,000.00 Hamilton Public Health Services, \$10,874.11</p>	<p>Timeframe 2009</p>
<p>Description The purpose of this research is to identify epidemiological trends in student drug use and to identify corresponding trends in mental health, risk-taking behaviours and various protective factors among students in Grades 7 to 12 in the city of Hamilton. The 2009 Ontario Student Drug Use and Health Survey developed by CAMH, was implemented (by the ISR on behalf of CAMH) in the Hamilton Wentworth Public District School Board and the Hamilton Wentworth Catholic District School Board over an eight month period between November 2008 and June 2009. A total of 12 schools were sampled in Hamilton with a total sample size of 493. This sample consisted of 302 students in Grades 7 to 8 and 191 students in Grades 9 to 12. Results of the survey indicate that substance use and other youth risk behaviours are prevalent for youth 11 to 19 years of age in the City of Hamilton. Initial findings show that alcohol, marijuana, tobacco and opioid pain relievers are the most commonly used drugs. These results and additional findings will be used to update current public health resources and will be released through various public health channels to target parents, teens and professionals in 2010.</p>	

Chronic Disease Prevention Network for Diverse Ethno-Cultural Communities: Physical Activity Promotion	
Principal Investigators Margaret Black, School of Nursing, McMaster University	Participating PHRED Staff Maureen Harmer
Others John Dwyer, University of Guelph Barbara Carpio, McMaster University	
Funding MOHLTC, \$235,199.00 Year 1: \$117,435.54, Year 2: \$117,64.72	Timeframe May 2007 to April 2009
Description Development of a series of interactive modules within a cultural competency framework designed to share and help develop best practices related to peer-professional partnerships; thereby strengthening core competencies of public health staff within the socio-cultural domain and the partnership, collaboration and advocacy domain.	
Diabetes Prevention & Management	
Principal Investigators Ann Stanziani, Angela Frisina, Tricia Hack, HPH	Participating PHRED Staff
Others Maureen Harmer, Elizabeth Molinaro, HPH	
Funding \$52,853.00	Timeframe 2009 to 2010
Description This research project explored how Public Health and Primary Care practitioners from a variety of settings and disciplines in Hamilton could collaborate better to address diabetes prevention within target populations (low income and/or culturally diverse women) via the lifestyle intervention of physical activity. A literature review formed the basis for the developed focus group interview. Seventy-one participants, representing 16 health-related disciplines participated in a total of ten, 90 minute focus groups. A draft process template for collaboration between Public Health and Primary Care was developed based on the recommendations arising from the focus group thematic analysis. A knowledge exchange event is being planned for Spring, 2010 at which the project findings will be presented, and participants will have an opportunity to network and share information and resources. At that time, project participants will be invited to be involved in the development of future directions for the process of collaborative practice between Public Health and Primary Care.	

Evaluation of PHN Secondment Role With Hamilton Family Health Team (HFHT)	
Principal Investigators	Participating PHRED Staff Glenda McArthur
Jean Clinton, McMaster University	
Others	Loretta M. Hillier, Health Care Research & Evaluation Tracy Hussey, Children's Health Project, Carrie McAiney, HFHT Jaclyn Busser, HPH
Funding	Timeframe PHRED, \$20,967.42 2009 to 2010
Description	This project will evaluate the secondment of a PHN to a local Family Health Team to assist in developing practices to learn how to conduct the expanded 18-month well baby visit (WBV) and to assist in integrating this expanded WBV into regular practice. Mixed method evaluation approach (qualitative and quantitative) were used to assess the implementation process and outcomes achieved.
Evaluation of a Social Determinants of Health Workshop to Increase Knowledge, Skills, and Comfort With the Social Determinants of Health in Public Health Practice at the Health Unit Level	
Principal Investigators	Participating PHRED Staff Elizabeth Richardson, Suzanne Brown
Jessica Hopkins, McMaster University	
Others	Hamilton Public Health Services Social Determinants of Health Workshop Group
Funding	Timeframe PHRED, \$50,000.00 2009
Description	Four staff workshops on the Social Determinants of Health (SDH) were conducted for Hamilton Public Health Services (PHS) staff in 2009. The workshop incorporated the newly developed and approved PHS Position Statement on the SDH as well as an evaluation of participants' knowledge, skills and comfort with incorporating SDH into public health practice. In total 132 public health staff attended the 4 workshops. Evaluation of the workshop showed an increase in subjective knowledge, skills and comfort with incorporating the SDH in public health practice. Objective knowledge measurements supported this finding. Evaluation of the workshop, itself, was very positive with all aspects of the workshop (game, game debrief, scenarios, scenario debrief, facilitation) all being felt to be useful and effective.

Expansion of Enet as Knowledge Transfer/Management Tool	
Principal Investigators Joanne Kohut, HPH	Participating PHRED Staff
Others	
Funding PHRED, \$10,000	Timeframe 2009
Description City of Hamilton Public Health Services (PHS) is an organization that operates at multiple locations across the community that are linked electronically through the corporate IT network. This PHRED project focused on creating a PHS intranet site that is a “go to” resource for any PHS employee needing to find current organization-specific information and access commonly-used operational tools. An example of one of the innovative operational tools was the creation of a Cultural Interpretation and Cultural Translation Process (CI-CT) within the Equal Access webpages. The Equal Access webpages serve as a knowledge transfer mechanism, providing information about the approved supplier agencies, available languages, pricing and the request form template for arranging these services. The management tool component is that completed request forms are automatically captured into a database. This database is a system for monitoring CI-CT requests and creating reports for the PHS Management Team in order to understand which programs are utilizing CI-CT services, which languages are most frequently requested, and how much is being spent annually to provide these communications supports.	

Impact of Women Alive	
Principal Investigators Angela Frisina, Anne Stanziani, HPH	Participating PHRED Staff
Others Maureen Harmer, Priya Verma, HPH	
Funding \$30,697.00	Timeframe 2009 to 2010
Description The purpose of this project was to further explore, through individual and group interviews, the experiences related to mental health and well-being of women of low socio-economic status who have participated in the Women Alive! (WA) physical activity program. Participants' description and explanation of their experiences were collected by individual interviews and focus groups. Six focus groups of 60 to 90 minutes and three (60 minute) individual interviews were conducted. Cultural interpreters were used when required. A total of forty-one participants from many diverse communities including the Chinese and South Asian communities participated in the study. The results of the project will be shared at the Spring 2010 Knowledge Exchange Event for health care practitioners and service providers and at a second dissemination session for Women Alive! participants.	

Interactive Outbreak Case Study Model	
Principal Investigators Bob Hart, HPH	Participating PHRED Staff
Others	
Funding PHRED, \$50,000.00	Timeframe 2009 to March 2010
Description The development of an interactive, computer-based Outbreak Investigation Learning Module that could serve as the basis for the development of other modules covering other topic areas.	

McMaster Institute of Environment & Health Public Health Projects	
Principal Investigators Bruce Newbold, McMaster Institute for Environmental & Health, McMaster University	Participating PHRED Staff
Others	
Funding PHRED, \$81,250.00	Timeframe 2009
Description Hamilton Public Health Services partnered with McMaster Institute of Environment & Health to complete in depth analysis and review of multiple environmental health issues of public health importance. Projects focused on the following topics: Beach Water Quality Modelling and Surveillance, Impacts on Air Quality in Hamilton, Cooling Tower and Evaporative Condenser Registry By Law development, West Nile Virus messaging within Diverse Communities and Evaluation of Food Safety programs.	

Predictive Modeling of Recreational Bathing Water In Hamilton Harbour

Principal Investigators Eric Mathews, HPH	Participating PHRED Staff
Others McMaster Institute for Environment & Health	
Funding Internal, \$17,320	Timeframe 2009 to 2010
Description The predictive modeling project will collect data to identify potential environmental variables that might affect E.Coli levels in the water at Hamilton beaches and determine if a statistical model can be developed to identify correlations between measured environmental variables and E. Coli levels in beach water. The project will assist in surveillance and inspection of Hamilton beaches, management and response of adverse events at Hamilton beaches and reporting if Hamilton bathing water conditions are safe or not safe for users.	

SHAPES

Principal Investigators Steve Manske, The Propel Centre for Population Health Impact, University of Waterloo	Participating PHRED Staff Kevin McDonald
Others	
Funding PHRED, \$30,231.00	Timeframe Fall 2009 to Spring 2010
Description A total of nine secondary schools in Hamilton participate in the project by completing the SHAPES survey, The survey asks students about their mental fitness, physical activity, eating behaviours, and tobacco use. Individual reports for the schools and one city-wide report summarizing the results will be produced by The Propel Centre for Population Health Impact at the University of Waterloo. This Feedback Report is intended to help schools, together with students, parents and other community partners, to: increase awareness of trends in mental fitness/resilience, physical activity and healthy eating at the school; plan actions related to these issues; and co-ordinate these efforts with other groups.	

Youth Net National Meeting: Translating Knowledge to Practice	
<p>Principal Investigators</p>	<p>Participating PHRED Staff Lorraine Grypstra, Daina Mueller, Sue Connell</p>
<p>Others Linda O'Mara, Gina Browne, Noori Akhtar-Danesh, McMaster University Lorraine Grypstra, HPH Cheryl Vrkljan, Centre for Addiction and Mental Health David Hoy, Hamilton-Wentworth District School Board Heather Ramey, Michael Busseri, Linda Rose-Krasnor, Brock University and Centre of Excellence for Youth Engagement Nishad Khanna, Centre of Excellence for Youth Engagement Youth Net Hamilton, Youth Net/Réseau Ado Ottawa</p>	<p>Timeframe 2009</p>
<p>Funding CIHR, \$7500 PHRED, \$1707.79</p>	<p>Description Based on the Youth Net/Réseau Ado program started by the Children's Hospital of Eastern Ontario in Ottawa in 1994, Youth Net Hamilton is a mental health promotion and early intervention program for youth ages 13 to 18. The Youth Net National Meeting Translating Knowledge to Practice was evaluated to ensure meeting objectives were met.</p>

Kingston, Frontenac and Lennox & Addington Public Health

A Study of Knowledge, Attitudes, and Behaviour regarding Alcohol and Boating in the Greater Kingston Area	
Principal Investigators Karen Scott, KFL&A	Participating PHRED Staff
Others Cathy Edwards, KFL&A	
Funding Internal	Timeframe February 2009 to September 2010
Description In 1994, the Kingston and Area Safe & Sober Community Alliance conducted a survey of boaters in the Kingston Area regarding attitudes and behaviours towards drinking alcohol while operating or riding in a boat. The results of that survey were used to guide health promotion and injury prevention activities in the KFL&A area. After 15 years of public health initiatives and changes in provincial boating laws there is a need to repeat the survey. The results will be compared to 1994 data to determine if there has been any change. The results will also be used to guide future Safe & Sober Alliance initiatives.	
Active Transportation Use in Kingston	
Principal Investigators Daphne Mayer, Kathleen O'Connor, KFL&A	Participating PHRED Staff
Others Kingston Coalition for Active Transportation	
Funding Ontario Heart Health Program (hearts@work) and internal	Timeframe October 2009 to June 2011
Description The purpose of this study is to determine baseline active transportation use patterns (mode, frequency, time and purpose) in the City of Kingston, and to understand the perceived barriers and facilitators to using active transportation. A telephone survey will be administered in the fall, spring, summer and winter months. The results of the project will be used to inform active transportation related programs and policies for both KFL&A Public Health and the Kingston Coalition for Active Transportation.	

An Infant Feeding Survey in Kingston, Frontenac and Lennox & Addington (KFL&A)	
Principal Investigators Susan Stewart, Kathleen O'Connor, KFL&A	Participating PHRED Staff Suzanne Sinclair
Others Connie Wowk, KFL&A	
Funding Internal	Timeframe October 2007 to December 2010
Description This study will follow mothers of infants from birth to twelve months to determine local feeding practices. The study is designed to determine breastfeeding initiation rates, the extent and duration of breastfeeding, and practices related to the introduction of solid foods.	
Early Expressions Continuous Quality Improvement Initiative: Parental and Provider Satisfaction with Changes in Service Delivery	
Principal Investigators Daphne Mayer, Kathleen O'Connor, KFL&A	Participating PHRED Staff
Others Sonya Blanchet, Kris Millan, KFL&A	
Funding Internal	Timeframe March 2009 to December 2011
Description In January 2009, KFL&A Public Health's Early Expressions Preschool Speech and Language Services underwent a change in the service delivery model in order to address structural and process issues identified by program staff. The purpose of this CQI initiative is to access parental and provider satisfaction pre- and post-service delivery change. Both parental satisfaction and provider satisfaction will be assessed using questionnaire. For the parent group, data will also be collected through abstraction of data elements from the Integrated Services for Children Information System (ISCIS) database and/or the Early Expressions client chart.	

Evaluation of Motiv8's 2009 internet-based "Holiday Challenge – Maintain, Don't Gain"	
Principal Investigators Karen Scott, KFL&A	Participating PHRED Staff
Others Debra Vine, KFL&A	
Funding Internal	Timeframe January 2009 to April 2010
Description The Holiday Challenge was designed to help people manage the triggers that cause weight gain over the holidays. The challenge is 4 weeks long. Each week participants received an e-mail reminder and had access to new articles and tips online. Recipes, a food and activity log, and other resources were available on the Holiday Challenge website. The evaluation was designed to determine whether there was a change in participants' healthy eating or physical activity self-efficacy and whether participants experienced a self-reported weight gain, loss or maintenance over the study period.	

Evaluation of the BabyTalk Telephone Line: Preparation of a Logic Model and an Evaluation Plan	
Principal Investigators Stephen Matemba, Karen Scott, KFL&A	Participating PHRED Staff Kathleen O'Connor
Others Heather Dickson, KFL&A	
Funding Internal	Timeframe November 2008 to December 2010
Description The purpose of this project is to develop a logic model and to use this to design and carry out an evaluation of the BabyTalk telephone support line.	

Evaluation of the Healthy Weights, Health Lives Initiative	
Principal Investigators Kathleen O'Connor	Participating PHRED Staff Karen Scott and Marie Traynor
Others Suzette Taggart	
Funding Internal	Timeframe June 2007 to December 2012
Description Named "Motiv8", this initiative targets KFL&A adults in their homes, schools, daycare centres and in the community, and encourages them to eat well, get fit and live life through the promotion of eight healthy behaviours. This comprehensive evaluation will address both long term and short term objectives over a five year period.	

Evaluation of the Take Control Group Series	
Principal Investigators Daphne Mayer	Participating PHRED Staff
Others Nancy Melville	
Funding Internal	Timeframe March 2009 to April 2010
Description KFL&A Public Health's Take Control smoking cessation program provides KFL&A residents with smoking cessation help through a variety of supports. The weekly support group, a format provided since 1993, was discontinued in June 2009 due to declining enrolment. KFL&A Public Health's Tobacco Prevention Program developed a new group format that involves a series of formal structured sessions for enhanced learning. The purpose of this evaluation is to assess process and outcome indicators of this new group format. The results will be used to inform the delivery of this aspect of Take Control smoking cessation program.	

KFL&A Public Health Bike Rack Initiative	
Principal Investigators Daphne Mayer, KFL&A	Participating PHRED Staff
Others Debbie O’Grady, KFL&A	
Funding Internal	Timeframe March 2009 to April 2010
Description The purpose of this pilot project was to determine if the installation of bicycle racks plus promotional activities had an effect on the use of cycling as a mode of active transportation to school. The pilot’s results will be used to inform stakeholders’ decision to expand the bicycle rack installation initiative to other secondary schools in the KFL&A area.	
Pilot of “Under COOKstruction” Food Skills School Health Program	
Principal Investigators Karen Scott, KFL&A	Participating PHRED Staff
Others Lisa Munday, KFL&A	
Funding Internal	Timeframe April 2009 to April 2010
Description A formative evaluation was conducted to gather information during the early developmental phase of the Under COOKstruction program. The evaluation included an assessment of the feasibility of program implementation, the appropriateness and acceptability of the program content and methods, and a simple measure of the immediate impact on participants’ skills and knowledge.	

PlasmaCar Pilot Project	
Principal Investigators Daphne Mayer, KFL&A	Participating PHRED Staff
Others Lynn MacKinder, KFL&A	
Funding Ontario Ministry of Transportation	Timeframe April 2009 to April 2011
Description The aim of this process evaluation was to obtain feedback about the appropriateness an activity designed around the use of a ride-on toy (the PlasmaCar) as a driving safety and injury prevention teaching aid, in a high school population.	

Middlesex-London Health Unit

A Life Course Analysis of Family Structure, Stress, and Mother's Mental Health: Setting the Stage for a Prospective Study of Families	
Principal Investigators William Avison, University of Western Ontario (UWO)	Participating PHRED Staff Pat Sealy
Others Kathy Speechley, Lorraine Davies, and Marilyn Ford-Gilboe, UWO	
Funding Canadian Institute of Health Research, \$722,900	Timeframe 2008 to 2013
Description This study aims to complete the following objectives:	
<ol style="list-style-type: none"> 1. Estimate rates of psychological and substance abuse problems and disorders among mothers and determine if rates vary by family structure. 2. Examine the significance of exposure to social stress (trauma, poverty, life stress, intimate partner violence, etc.) for mothers. 3. Determine whether social support or mastery affect relationships between stress and mothers' psychiatric and/or substance abuse problems. 4. Assess the importance of mothers' outcomes of pregnancy (i.e., attitudes, contraception practices, and planned/wanted) and the context of paid work (i.e., full- vs. part-time, etc.). 5. Assess the importance of socio-economic circumstances for the health and well being of new mothers 18 to 29 years of age. 6. Estimate rates of birth complications among the children of these mothers. 	

Adapting the Performance Appraisal System for Public Health Nurses to Reflect Expertise in Applying the Canadian Community Health Nursing Standards and the Public Health Core Competencies	
Principal Investigators Pat Sealy, MLHU	Participating PHRED Staff Pat Sealy, Ashley Hoogenboom, and Jennifer Gritke
Others Diane Bewick, Irene Buckland Foster, and Laura Dueck, MLHU	
Funding Public Health Agency of Canada, \$9,999	Timeframe 2008 to 2009
Description This research evaluated whether revisions to the public health nurse's (PHN) performance appraisal process reflected the self-reported expertise of the PHN in applying the Canadian Community Health Nursing Standards and the Public Health Core Competencies.	

Booster Seat Use in Ontario	
Principal Investigators Piotr Wilk, MLHU	Participating PHRED Staff Piotr Wilk, Ashley Hoogenboom
Others N/A	
Funding Internal	Timeframe 2008 to 2010
Description By examining Rapid Risk Factor Surveillance System (RRFSS) survey data from the RRFSS-participating health units in Ontario, this research will determine the effect of legislation (passed in 2005) on the reported use of booster seats.	

Childhood and Adolescent Precursors of Adult Labour Force Attachment: Longitudinal Influence of Neighbourhood Conditions	
Principal Investigators Piotr Wilk, MLHU	Participating PHRED Staff Piotr Wilk
Others N/A	
Funding Internal	Timeframe 2004 to 2010
Description This research is examining whether childhood and adolescent exposure to neighbourhood conditions has an independent effect on adult labour force attachment.	

Cook it Up! A Community-Based Cooking Program for At-Risk Youth	
Principal Investigators Heather Thomas, MLHU	Participating PHRED Staff Trish Tucker
Others Jennifer Irwin, University of Western Ontario Danielle Battram, Brescia University College	
Funding Ministry of Agriculture, \$50,000	Timeframe 2008 to 2010
Description This project is evaluating an education and skill-building nutrition, food safety, food preparation, and cooking skills initiative, which includes evaluating agricultural field trip experiences. This evaluation is needed to assess the program's utility, how the target audience receives the program, as well as to understand what can be done to optimize the program's effectiveness.	
Evaluation of the Middlesex-London H1N1 Campaign	
Principal Investigators Melissa McCann, Stacy Miller, MLHU	Participating PHRED Staff Charlene Beynon
Others	
Funding Internal	Timeframe 2009 to 2010
Description The evaluation is being undertaken to explore what worked well and what lessons can be learned from the H1N1 Campaign. The findings are intended to inform future planning.	

Families In Action: Dissemination Project	
<p>Principal Investigators Meizi He, MLHU Betty Harvey, St. Joseph's Family Medical Centre</p> <p>Others Stewart Harris, University of Western Ontario Danielle Battaram, Brescia University College</p> <p>Funding Lawson Foundation, \$150,000</p> <p>Description The primary objective is to provincially disseminate the Families in Action paediatric obesity screening and risk management model to other at-risk populations. This project aims to provide high-risk cultural communities with the necessary tools that will enable them to effectively target childhood obesity issues within their population.</p>	<p>Participating PHRED Staff Meizi He, Gillian Mandich</p> <p>Timeframe 2008 to 2010</p>
Healthy Eating and Active Living: Practices of After-School Childcare Providers	
<p>Principal Investigators Heather Thomas, MLHU</p> <p>Others Lori Fellner, MLHU</p> <p>Funding Internal</p> <p>Description Nine in-depth interviews with after-school program providers were conducted in order to collect preliminary information to develop a resource for after-school program facilitators. The results of this study support the development of an education program directed at after-school program facilitators. Programming will be in service of fostering lifelong behaviours for healthy eating and active living.</p>	<p>Participating PHRED Staff Trish Tucker</p> <p>Timeframe 2008 to 2009</p>

Preschooler Physical Activity Initiative: Opportunities in London Daycares	
Principal Investigators Trish Tucker, MLHU	Participating PHRED Staff Trish Tucker, Melissa van Zandvoort
Others Jennifer Irwin, Shauna Burke, University of Western Ontario	
Funding Heart & Stroke Foundation, \$5,000	Timeframe 2008 to 2010
Description The purpose of the research is to gain childcare workers' perspectives of their daycare's current physical activity curriculum, and the barriers/facilitators to effectively engaging preschoolers in physical activity.	
The Effects of Personal, Social, and Economic Resources on Physical and Mental Health of Women in Early Years after Leaving an Abusive Partner – Phase II	
Principal Investigators Marilyn Ford-Gilboe, University of Western Ontario	Participating PHRED Staff Piotr Wilk
Others Judith Wuest, Marilyn Merritt-Gray, University of New Brunswick Colleen Varcoe, University of British Columbia Lorraine Davies, Barbara Lent, University of Western Ontario Olena Hankivsky, Simon Fraser University Jacquelyn Campbell, Johns Hopkins University	
Funding Canadian Institute of Health Research – New Emerging Team Grant, \$2,000,000	Timeframe 2008 to 2010
Description This study examines the long-term health consequences of Intimate Partner Violence and the personal and social costs of such problems.	

Towards a Better Understanding of Beverage Consumption Patterns of School-Aged Children: A Comprehensive Approach	
Principal Investigators Meizi He, Charlene Beynon, MLHU	Participating PHRED Staff Meizi He, Linda Khoshaba, Danielle Battram, Gillian Mandich, Charlene Beynon
Others Danielle Battram, Leonard Piché, and Isabelle Giroux, Brescia University College Rhona Hanning, University of Waterloo	
Funding Danone Institute of Canada, \$69,812	Timeframe 2005 to 2010
Description This study invited feedback and input from school officials, parents, and children in order to help better understand beverage consumption patterns and practical ways to reduce sweetened beverage consumption by school-aged children.	
The Psychological Risk Factors of Weight Gain in Women	
Principal Investigators Pat Sealy, MLHU	Participating PHRED Staff Pat Sealy, Piotr Wilk
Others	
Funding Internal	Timeframe 2008 to 2010
Description This research investigates the impact of the psychological risk factors of weight gain/obesity in women, as well as the impact of exposure to a variety of psychosocial stressors, for example, life transitions and economic strains, on weight gain/obesity in women.	

Violence Against Women: Health Care Provider Survey	
<p>Principal Investigators Charlene Beynon, MLHU Iris Gutmanis, Parkwood Hospital, St. Joseph's Health Care, London Leslie Tutty, University of Calgary Nadine Wathen, University of Western Ontario Harriet MacMillan, McMaster University</p> <p>Others</p>	<p>Participating PHRED Staff Charlene Beynon</p>
<p>Funding Ontario Women's Health Council, \$100,000</p>	<p>Timeframe 2003 to 2010 (manuscript)</p>
<p>Description This research investigates the barriers and facilitators to screening for women abuse among Ontario nurses and physicians in specified areas of practice. This research also assessed the psychometric properties of the research tool.</p>	

Ottawa Public Health

Drugged Driving Kills Project Social Marketing Campaign Evaluation	
Principal Investigators Terry-Lynne Marko, OPH	Participating PHRED Staff Tyler Watt
Others Carlington Community & Health Services	
Funding External Funding, Health Canada's National Drug Strategy	Timeframe March 2009
Description The objectives of this campaign are to increase youth awareness and knowledge about the risks of marijuana use and driving. The purpose of the evaluation is to monitor youth attitudes, knowledge and reported behaviours over time, test the appropriateness and acceptability of the campaign messaging. As this campaign employs a youth-led model, qualitative evaluation will be used to assess the youth empowerment process.	
Encouraging Evidence-Informed Practice Via a Public Health Community of Practice – Phase 2	
Principal Investigators Steve Manske and Scott Leatherdale, University of Waterloo Maureen Murphy, Principal Decision Maker, OPH	Participating PHRED Staff Nathalie Gilbert, Lynda Zimmerman
Others Phyllis Barkley, Elissa Bonin, Lynda Zimmerman	
Funding Canadian Institute for Health Research (CIHR), \$100,000	Timeframe March 2007 to February 2009
Description Phase 2 of a study that facilitates and evaluates efforts to enhance evidence-informed practice in public health. This project builds on a survey of students and school principals from 81 Ontario high schools on smoking and physical activity. A reflective practice group has been formed of health unit staff and researchers to share ideas and resources for working with schools and the data to meet the needs of policy-makers, practitioner groups and community stakeholders.	

Sudbury & District Health Unit

Children's Perceptions of the Northern Fruit and Vegetable Program	
<p>Principal Investigators Charlene Beynon, Jennifer Gritke, Meizi He, Melissa van Zandvoort, MLHU Claire Warren, Renée Chevrier-Lamoureux, SDHU</p> <p>Others</p>	<p>Participating PHRED Staff Claire Warren, Renée Chevrier-Lamoureux</p>
<p>Funding MHP, \$61,640</p>	<p>Timeframe 2008 to 2009</p>
<p>Description The Northern Fruit and Vegetable Program (NFVP) was implemented as a pilot in 24 elementary schools in the Porcupine area beginning in December 2006 and was further expanded to 26 schools in the Algoma region in September 2007. The project supports Ontario's Action Plan for Healthy Eating and Active Living and aims to raise awareness and increase the consumption of fruit and vegetables among children. A quantitative outcome evaluation has demonstrated a statistically significant increase in the children's daily fruit and vegetable consumption by 0.5 serving at school as a result of the program. However, little is known about the children's perceptions of the program. This evaluation, which used a qualitative approach, explored perceptions of the NFVP by children in Grades 5 to 8 in the Algoma region. Findings related to program delivery, perceptions of the program, its impacts, and the education component were discovered. Suggestions for program improvement as well as strategies to increase fruit and vegetable consumption in children were also revealed.</p>	

Enzyme-Based Detection of E. Coli and Total Coliforms in Drinking and Recreational Water Using Fiber Optics and Fluorescence	
<p>Principal Investigators Ed Gardner, SDHU Mazen Saleh, Laurentian University</p> <p>Others</p>	<p>Participating PHRED Staff</p>
<p>Funding Louise Picard Public Health Research Grant, \$5,000</p>	<p>Timeframe 2008, ongoing</p>
<p>Description New methods for E. coli and coliform detection will be evaluated.</p>	

Evaluation of the Healthy Sexuality & Risk Reduction Outreach Initiative	
Principal Investigators Claire Warren, SDHU	Participating PHRED Staff Claire Warren, Susan Snelling
Others Stephanie Vendetti, SDHU	
Funding Internal	Timeframe 2006 to 2009
Description The evaluation of the Healthy Sexuality & Risk Reduction Outreach Initiative is a quality assurance project designed to evaluate the strengths, weaknesses, and anticipated and unanticipated outcomes of this innovative health unit program over a three-year period.	

Evaluation of the Regional Provider Network (RPN) Physical Activity Campaign	
Principal Investigators Susan Snelling, SDHU	Participating PHRED Staff Susan Snelling
Others Carol Craig, SDHU Nicole Gauthier, Marianne Mantyla, Regional Cancer Program of the Hôpital régional de Sudbury Regional Hospital	
Funding Regional Cancer Program of the Hôpital régional de Sudbury Regional Hospital, \$34,000 in 2008	Timeframe 2004 to 2009
Description The "Let's get moving...for the health of it" media campaign is being conducted by the Northeastern Ontario Regional Provider Network – Cancer Prevention Screening and Early Detection – at the Northeastern Ontario Regional Cancer Centre. Sudbury PHRED has developed and implemented an evaluation plan for the overall initiative, and will handle the data analysis and reporting. A final evaluation report will be submitted in early 2009.	

Exploring Employer Attitudes, Knowledge and Practices Related to Breastfeeding in the Workplace in the SDHU Area

<p>Principal Investigators Renée St Onge, SDHU Susan James, Laurentian University</p>	<p>Participating PHRED Staff Renée St Onge</p>
<p>Others</p>	
<p>Funding Louise Picard Public Health Research Grant, \$5,000</p>	<p>Timeframe 2008 to 2009</p>
<p>Description The goal of this study is to understand SDHU area employers attitudes and practices towards breastfeeding in the workplace by exploring: how workplaces perceive breastfeeding in the workplace; how employers understand their responsibilities to support breastfeeding in the workplace; what workplace breastfeeding arrangements are currently in place; and what differences exist between different types of workplaces.</p>	

EXTRA: Implementing Local Public Health Practices to Reduce Social Inequities in Health

<p>Principal Investigators Susan Snelling, SDHU</p>	<p>Participating PHRED Staff Susan Snelling</p>
<p>Others Penny Sutcliffe, Sandra Laclé, SDHU</p>	
<p>Funding Internal</p>	<p>Timeframe 2008 to 2010</p>
<p>Description This project forms part of the Sudbury & District Health Unit team's Canadian Health Services Research Foundation (CHSRF) Executive Training for Research Application (EXTRA) fellowship (2008 to 2010). Three documents have been produced describing the work on this project.</p>	

Fact Sheets: Rapid Risk Factor Surveillance System (RRFSS), Canadian Community Health Survey (CCHS), iPHIS, IntelliHealth	
Principal Investigators Susan Snelling, SDHU	Participating PHRED Staff Susan Snelling, Dar Malaviarachchi, Michael King, Alissa Palangio, Renée Chevrier-Lamoureux
Others	
Funding Internal	Timeframe 2006, ongoing
Description	The purpose of this project is to provide SDHU managers, program staff and the public with current data for program planning and for information sharing.

Falls Among Older Adults SDHU Area	
Principal Investigators Michael King, SDHU	Participating PHRED Staff Michael King
Others Julie Foisy, SDHU	
Funding Internal	Timeframe 2009
Description	An analysis of the burden of falls-related emergency department visits and hospitalizations among seniors in the Sudbury & District Health Unit area.

Formative Research Re Understanding of Community Perceptions of Poverty and Health Inequity in the City of Greater Sudbury	
Principal Investigators Claire Warren, SDHU Derek Wilkinson, Carol Kauppi, Laurentian University	Participating PHRED Staff Stephanie Lefebvre, Claire Warren, Renée Chevrier-Lamoureux
Others Martha Andrews, SDHU	
Funding Louise Picard Public Health Research Grant, \$5,000	Timeframe 2008 to 2010
Description This research study is the exploration phase of a larger study to assess and understand community perceptions related to poverty, its impact, and potential policy levers to affect change in the City of Greater Sudbury. In-depth qualitative interviews (n=32) will be conducted with community members representing five different sectors in order to achieve the broadest possible perspective on potential responses. It is anticipated that the analysis of these qualitative interviews will provide the research team with a foundation of knowledge from which to pursue further funding for the design of a quantitative questionnaire for the second phase of this study.	
Infant Feeding Survey	
Principal Investigators Ontario Health Units (14 participating)	Participating PHRED Staff Susan Snelling
Others Cynthia Colapinto, Sudbury & District Health Unit	
Funding MHP, \$20,000	Timeframe 2007, ongoing
Description A coalition of Ontario Health Units is developing a 3-phase infant feeding telephone survey, and is seeking funding for the administration and analysis of the survey. MHP funded initial survey development.	

Locating Barriers and Supports to Risk Modification in Coronary Health Disease (CHD)	
Principal Investigators Jan Angus, University of Toronto	Participating PHRED Staff Isabelle Michel, Renée Chevrier-Lamoureux
Others Ellen Rukholm, Laurentian University Sylvie Larocque, Laurentian University Rob Nolan, Lisa Seto, Jennifer Lapum, University of Toronto Katherine Zimmermans, Sandra Delfrate, Laurentian University	
Funding CIHR, \$199,378	Timeframe 2005 to 2009
Description This qualitative study strives to learn more about the experiences of COHRT or Cardiac Rehabilitation Program participants within six to twelve month.	
Neighbourhood Parents Together	
Principal Investigators Vera Etches, SDHU Carol Kauppi, Laurentian University	Participating PHRED Staff Vera Etches
Others	
Funding Louise Picard Public Health Research Grant, \$5,000	Timeframe 2008 to 2009
Description This initiative will evaluate a pilot project which connects parents to other parents in their neighbourhood to foster peer-to-peer support.	

Overview of the health equity mapping project: A report on process, results, and recommendations for practice	
Principal Investigators Stephanie Lefebvre, Sudbury & District Health Unit	Participating PHRED Staff Stephanie Lefebvre
Others SDHU Health Equity Mapping Task Group	
Funding Internal	Timeframe 2007 to 2009
Description The <i>Health Equity Mapping Project</i> was undertaken by the Sudbury & District Health Unit (SDHU) in order to: better understand the scope of current activities related to health inequities and to assess their potential impact on the health of priority populations. Based on the model <i>The Main Determinants of Health</i> , (Dahlgren & Whitehead, 1991), a health equity checklist was developed. SDHU staff used the checklist to assess activities across all health unit divisions.	
Preventing chronic disease in children and youth using an integrated approach	
Principal Investigators Gail McVey, Hospital for Sick Children Shelley Russell-Mayhew, University of Calgary Joanne Beyers, Lesley Andrade, Sudbury & District Health Unit	Participating PHRED Staff Joanne Beyers
Others OPHEA Cancer Care Ontario Toronto Public Health Nutrition Resource Centre/Ontario Public Health Association Ottawa Public Health Peel Health Department	
Funding Canadian Institute of Health Research (TBD)	Timeframe April 2010 to March 2011
Description Feasibility and pilot of a professional development model designed to help build resiliency, promote mental health, and prevent triggering of weight and shape preoccupation. Target audience is adult key influencers such as public health staff and educators.	

Public Health considerations in the management of harmful blue-green algae	
Principal Investigators Ido Vettoretti, SDHU	Participating PHRED Staff Ido Vettoretti, Angie Bennett
Others	
Funding Internal	Timeframe December 2008 to March 2009
Description A review and synthesis of available literature was conducted to help inform local and provincial activities regarding the public health management of blue-green algae (BGA) in a Northern Ontario context.	

Reportable Disease Surveillance Reports	
Principal Investigators Dar Malaviarachchi, Stephanie Vendetti, SDHU	Participating PHRED Staff Dar Malaviarachchi
Others Stephanie Vendetti, SDHU	
Funding Internal	Timeframe 2007, ongoing
Description Monthly surveillance reports from iPHIS data are produced and provided to SDHU staff to assist in monitoring reportable diseases.	

Sudbury Soils Study	
<p>Principal Investigators Chris Wren, Sudbury Area Risk Assessment Group (SARA) Effective October 2008, Earth Tech, Gartner Lee, (known now collectively as AECOM)</p> <p>Others Bruce Fortin, Penny Sutcliffe, SDHU Ontario Ministry of the Environment City of Greater Sudbury Vale Inco Xstrata Nickel Health Canada First Nations and Inuit Health</p> <p>Funding Vale Inco and Xstrata Nickel, \$14,000,000</p> <p>Description The Sudbury Soils Study was conducted over a seven-year period from 2001 to 2008 and encompassed a 40,000 square kilometer study area. The purpose of this comprehensive scientific study was to determine whether the levels of metals in the study area environment pose a risk to humans, plants, or animals. The first two years of the study were devoted to developing and carrying out an extensive soil sampling and analysis program. The next stage involved three years of intensive field and laboratory studies and report writing, followed by two years of technical review. The complete Sudbury Soils Study will be comprised of three volumes: Volume I: Background, Study Organization and 2001 Soils Survey; Volume II: Human Health Risk Assessment (HHRA); and Volume III: Ecological Risk Assessment (ERA). Electronic copies of the entire technical ERA report and additional information are available online at www.sudburysoilsstudy.com. The HHRA report was released in 2008.</p>	<p>Participating PHRED Staff Ido Vettoretti</p> <p>Timeframe 2002 to 2009</p>

Surveillance Internal Reports: Rapid Risk Factor Surveillance System (RRFSS), Canadian Community Health Survey (CCHS), iPHIS	
Principal Investigators Dar Malaviarachchi and Michael King, SDHU	Participating PHRED Staff Susan Snelling, Dar Malaviarachchi, Michael King, Alissa Palangio
Others	
Funding Internal	Timeframe 2007, ongoing
Description The purpose of this project is to provide managers and program staff at the Sudbury & District Health Unit with current data to inform program planning.	

Appendix D

Student Education Activities

Number of Student Placements						
Discipline	Hamilton	Kingston	Middlesex-London	Ottawa	Sudbury	Total
Community Health and Epidemiology						
Graduate		5		1		6
Post Graduate		1				1
Dentistry						
Dental Hygienist			4	12	17	33
Environmental Health						
Undergraduate	25	1	2			28
Graduate	10					10
Post Graduate	1					1
Medicine						
Undergraduate	38	4	13	90	37	182
Graduate		52	12	66		130
Post Graduate					3	3
Nursing						
Undergraduate		22	82	78	47	229
Graduate				2		2
Nurse Practitioner			2	13	2	17
Alternative Observational Experiences			20			20
Mentor to RNAO Fellowship Student		1				1
Other Nursing – Public Health Staff as Consultants				102	1	103
Other Nursing – Registered Practical Nurse				1		1
Nutrition						
Undergraduate			7	1		8
Graduate	1			3		4
Post Graduate						
Dietetic Internship	2	1	5		4	12
Other						
Bachelor of Health Sciences, and Dental Assistant			2			2
Child & Youth – college	1					1
Child & Youth – university	1					1
Computer Engineering					1	1
Doula/Childbirth Education			3			3
Education		1				1
Geography					1	1
Health Promotion – post graduate			1			1
Masters Interdisciplinary Development					1	1
Masters in Public Health			6			6

Number of Student Placements						
Discipline	Hamilton	Kingston	Middlesex-London	Ottawa	Sudbury	Total
Mental Health/ Outreach – graduate	1					1
Midwifery	2					2
Medical Office Administration		1			1	2
Pre-Med Sciences			1			1
Psychology	1		7			8
Recreology				2		2
School of Human Kinetics					4	4
Social Work – undergraduate					3	3
Social Work – graduate	13					13
Speech Language Pathologist		1				1
Total Number of Student Placements	96	90	167	371	122	846

Number of Classes, Lectures, Tutorials						
Discipline	Hamilton	Kingston	Middlesex-London	Ottawa	Sudbury	Total
Medicine	6	48	49		18	121
Nursing	36	13	7	29	1	86
Nutrition		13	1		10	24
Dental Hygienist			1		2	3
Other – Please Specify						
Addictions and Community Service		22				22
Dental Assistant			1			1
Display, Resources for Teacher Candidates		1				1
ECE		4				4
Education, Dentistry, Health Sciences, Lab Technicians, Epidemiology, Personal Service Worker, Developmental Service Workers, and Chemical Engineering		4	19			23
Faculty of Education		2	1			3
Hospitality Chef Training/ Hospitality		6				6
Information Management System Program		1				1
Kinesiology/Physical Activity		4				4
Masters of Public Health		22				22
Medical Office Administration		1				1
Microbiology			1			1
Personal Support Worker		2	5			7
Psychology - Human Sexuality			5			5
Rural Health					1	1
School of Policy Studies		1				1
Social Services		2				2
Speech & Language		1				1
Wind Turbine Technician		1				1
TOTAL Number of Classes, Lectures, Tutorials	42	148	90	29	32	341
Number of Student Contacts, i.e., attendance (classes, tutorials)	381	5,321	7,163	1,652	495	15,012
Number of Summer Students	27					27

Appendix E

International, National and Provincial Partnerships/ Linkages

Committee	Committee Type	Representative
ANDSOOHA-Public Health Nursing Management Liaison	Provincial	Charlene Beynon (London)
Association of Public Health Epidemiologists in Ontario (APHEO), Core Indicators – Injury Subgroup	Provincial	Suzanne Sinclair (Kingston)
Association of Public Health Epidemiologists in Ontario (APHEO), Core Indicators – Reproductive Health Subgroup	Provincial	Suzanne Sinclair (Kingston)
Association of Public Health Epidemiologists in Ontario (APHEO), PHRED Program Liaison	Provincial	Dar Malaviarachchi (Sudbury)
Association of Public Health Epidemiologists in Ontario (APHEO), Strategic Planning Work Groups 3 and 5	Provincial	Suzanne Sinclair (Kingston)
Canadian Cancer Society, Ontario Division. Ontario Collaborative Group on Healthy Eating and Physical Activity	Provincial	Joanne Beyers (Sudbury)
Canadian Institutes for Health Research. Evidence on Tap-Expedited Knowledge Synthesis Committee	National	Isabelle Michel (Sudbury)
Canadian Network of Population Health Observatories	National	Isabelle Michel (Sudbury)
Childhood Healthy Weights Surveillance Committee	Provincial	Charlene Beynon (London) Trish Tucker (London)
College of Nurses of Ontario, Outreach Program. Nursing Leadership Advisory Group	Provincial	Isabelle Michel (Sudbury)
Consortium national de formation en santé. Commission conjointe de recherche sur la santé des francophones en situation minoritaire	National	Isabelle Michel (Sudbury)
Dietitians of Canada (DC) Preceptor Support Workgroup	National	Marie Traynor (Kingston)
ICES: Drugs, Diabetes and Kidneys Committee	Provincial	Linda Lévesque (Kingston)
International Society for Pharmaco-epidemiology: Education Committee	International	Linda Lévesque (Kingston)
Ministry of Environment & Ministry of Health and Long-Term Care. Provincial Air Quality Task Group (GIASO)	Provincial	Ido Vettoretti (Sudbury)
Ministry of Health and Long-Term Care. Program Standards Technical Review Committee	Provincial	Katharine Robertson-Palmer (Ottawa)
Ministry of Health and Long-Term Care. PHRED Program Steering Committee	Provincial	Donna Ciliska (Hamilton) Ian Gemmill (Kingston) Charlene Beynon (London) Isabelle Michel (Sudbury)

Committee	Committee Type	Representative
NCCMT (National Collaborating Centre for Methods and Tools)	National	Colleen Van Berkel (Hamilton)
Nutrition Resource Centre	NutrSTEP Provincial Advisory Committee	Joanne Beyers (Sudbury)
Ontario Agency for Health Protection and Promotion/Ministry of Health and Long-Term Care/PHRED Program. Tri-Partite Working Group	Provincial	Charlene Beynon (London) Isabelle Michel, Penny Sutcliffe (Sudbury)
Ontario Public Health Association. Abstract Review Committee	Provincial	Daphne Mayer, Kate O'Connor, Karen Scott (Kingston)
Ontario Public Health Association. Board of Directors	Provincial	Charlene Beynon (London)
Ontario Public Health Association Conference Steering Committee	Provincial	Claire Warren (Sudbury)
Ontario Public Health Association Conference Program Committee	Provincial	Claire Warren (Sudbury)
Ontario Public Health Association. Planning Committee	Provincial	Stephen Matemba (Kingston)
Ontario Public Health Libraries' Association Working Group	Provincial	Melanie Dittburner (Kingston) Yvonne Tymi (London) Elena Goldblatt (Hamilton) Millie Cayen (Sudbury)
Ontario Society of Nutrition Professionals in Public Health (OSNPPH). PHRED Program Liaison	Provincial	Joanne Beyers (Sudbury)
Ontario Stroke Strategy, Health Promotion and Primary Prevention Subcommittee One of 6 subcommittees of the Ontario Stroke System Steering Committee.	Provincial	Nathalie Gilbert, Bev Wilcox (Ottawa)
Pan Canadian Task Force on Public Health Nutrition Practice	National	Marie Traynor (Kingston)
PHRED Connection	Provincial	Cyndy Johnston (Hamilton) Caulette McBride (Kingston) Karen Jenkins (London) Geneviève Richer-Brulé (Ottawa) Aisha Alladin (Sudbury)
PHRED Program. Provincial Benchmarking Initiative. Public Health Unit Administrators Group	Provincial	Bernie Lueske (London) Janice Potter (Ottawa) Ido Vettoretti (Sudbury)
PHRED Program. Public Health Research Ethics Toolkit Initiative	Provincial	Kate O'Connor (Kingston) Michelle Sangster Bouck (London) Bev Wilcox (Ottawa) Ido Vettoretti, Joanne Beyers (Sudbury)

Committee	Committee Type	Representative
Prevention Research Center for Family and Child Health (PRC), University of Colorado, Nurse-Family Partnership International Program	International	Debbie Sheehan (Hamilton)
Rapid Risk Factor Surveillance System (RRFSS) Steering Committee	Provincial	Suzanne Sinclair (Kingston) Michael King (Sudbury)
Rapid Risk Factor Surveillance System (RRFSS) Website Evaluation Committee	Provincial	Nancy Churchman, Kate O'Connor (Kingston) Amira Ali (Ottawa)
Rapid Risk Factor Surveillance System (RRFSS) Working Group	Provincial	Suzanne Sinclair (Kingston) Riley Crotta (Hamilton) Michael King (Sudbury)
Statistics Canada. Population Health Surveys Advisory Committee (CCHS/NPHS)	National	Dar Malaviarachchi (Sudbury)
Tri-Partite Discussions	Provincial	Charlene Beynon (London) Isabelle Michel (Sudbury) Penny Sutcliffe (Sudbury)
University of Toronto MScCH (Public Health Nutrition) Advisory Committee	Provincial	Marie Traynor (Kingston) Joanne Beyers (Sudbury)
Vaccine Safety Technical Advisory Committee	National	Linda Lévesque (Kingston)

Appendix F

Contact Information – Provincial PHRED Program Sites

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