



Public Health Research, Education & Development (PHRED) Program

2008 Provincial Work Plan

City of Hamilton
Public Health Services

Kingston, Frontenac and
Lennox & Addington Public
Health

Middlesex-London Health Unit

Ottawa Public Health

Sudbury & District
Health Unit

Public Health Division,
Ministry of Health and Long-
Term Care



PHRED
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 on page 27.

This work plan is also available on the PHRED Program website at: www.phred-redsp.on.ca

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Introduction

The Public Health Research, Education and Development (PHRED) Program is a reliable source of information and expertise related to research, knowledge exchange, education and development to support public health practice. The PHRED Program serves as a bridge between public health practitioners and policy makers, and education/academia.

The PHRED Program operates in five Ontario health unit sites: Hamilton, Kingston, Middlesex-London, Ottawa and Sudbury. Its strength lies in its people—who possess a unique mix of academic and public health practice backgrounds—and their ability to build partnerships and relationships that facilitate generating and applying knowledge. The Program's roots extend back two decades having evolved from the teaching health units established by the Ministry of Health in 1983.

The purpose of the 2008 Work Plan is to describe the current projects in the areas of research, knowledge exchange, education and development. The provincial-level PHRED initiatives have a strategic focus this year to ensure that vital functions related to evidence-informed public health practice grow and become stronger as the public health system across the province is renewed.

In addition, the Work Plan documents a number of joint projects across the various PHRED sites and with additional public health partners. The Program selects each project for its relevance to current issues, its usefulness to and potential impact on local public health practice and provincial decision-making.

This document presents the provincial level initiatives first, followed by the joint initiatives organized according to key PHRED Program functions: 1) Applied Public Health Research and Evaluation, 2) Education and Development, and 3) Knowledge Exchange.

All of these projects are relevant to the delivery of public health services across the province. They have implications for public health policy, practice, and the overall growth and development of the public health system at local and provincial levels.

With the 36 Ontario public health units about to begin implementing the newly revised Ontario Public Health Standards, we recognize that many projects led by the PHRED Program reflect the elements of the Foundational Standard including research, evaluation and knowledge exchange. This represents a unique and timely opportunity to bring forward many outcomes and lessons from this and previous years' work to support the delivery of public health across the province.

Goals

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.

Public Health Research, Education & Development (PHRED) Program 2008 Provincial Work Plan

1.0 Provincial Planning and Coordination

Project	Project Lead	Project Partners	Description of Work	Proposed Deliverables and Timelines
1.1 Provincial PHRED Secretariat	Sudbury PHRED	All PHRED Sites Ministry of Health and Long-Term Care (MOHLTC)	<p>To assist with achieving the goals identified on page 2, the PHRED Secretariat, under the direction of the PHRED Operations Committee will:</p> <ul style="list-style-type: none"> • Facilitate a strategic planning process and create a strategic plan that then guides the annual budget cycle/ work planning cycle. • Establish and maintain a mechanism for selecting research priorities for provincial work. • Conduct “audience analysis” to identify priorities of stakeholders, field and staff. • Align work with the provincial policy agenda where appropriate i.e., implementation of Public Health Standards, development of the Ontario Agency for Health Protection and Promotion (OAHPP). • Bring forward key 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. 	<p>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 Coordinator, a part-time Administrative Assistant and to cover operating costs.</p> <p>Pending funding by MOHLTC.</p>

1.0 Provincial Planning and Coordination

Project	Project Lead	Project Partners	Description of Work	Proposed Deliverables and Timelines
			<ul style="list-style-type: none"> • Facilitate Provincial PHRED Operations meetings two times per month. Support communication with PHRED staff, public health practitioners, Medical Officers of Health (MOHs), and relevant ministries on a regularly scheduled basis through an e-newsletter or other means. • Assist in building external alliances following a networking strategy to work with local, provincial, national and international partners. • Prepare PHRED Steering Committee reports, annual work plan and deliverables reports. 	

1.0 Provincial Planning and Coordination

Project	Project Lead	Project Partners	Description of Work	Proposed Deliverables and Timelines
1.2 Implement the PHRED Communications Plan	All PHRED sites	MOHLTC Public health partners including Ontario Public Health Association (OPHA), Association of Local Public Health Agencies (aLPHa), Council of Ontario Medical Officers of Health (COMOH)	<p>Based on the communications strategy recommended in 2007 and on direction of the PHRED Operations Committee, a communications plan will be implemented to:</p> <ul style="list-style-type: none"> • Document the intellectual capital of the PHRED Program. • Produce a PHRED report highlighting cross-cutting lessons learned from PHRED projects to improve public health practice through research, evaluation, education and staff development, and about knowledge exchange in particular. • Increase demand for PHRED products and services by developing awareness of their utility through conference displays, newsletters, reports to other public health organizations. • Ensure public health practitioners have up to date, relevant and credible information to implement into the delivery of public health programs and services. 	<p>By end of 2008 – production of 2nd PHRED annual report for wide audience.</p> <p>Meetings with stakeholders (e.g. OAHPP, MOHLTC, Ministry of Health Promotion (MHP), local health units) to share lessons learned and intellectual capital as they relate to current public health environment.</p> <p>Internal funding plus secretariat funding (pending).</p>

1.0 Provincial Planning and Coordination

Project	Project Lead	Project Partners	Description of Work	Proposed Deliverables and Timelines
1.3 Provide leadership in public health research and education	All PHRED sites	OPHA Canadian Public Health Association (CPHA) MOHLTC MHP Academic Partners	<p>Build on existing relationships (i.e. constituent society of OPHA, PHRED Liaison Committees, Effective Public Health Practice Project-EPHPP) and partnerships with other health research centres, institutes, networks and provincial committees.</p> <p>Work with graduate students and post-doctorate fellows on projects of relevance to public health practice and serve on program advisory committees (i.e., University of Toronto MHSCH, Public Health Nutrition Program).</p>	<p>Research and education expertise is shared through graduate and post-doctoral work, consultations, collaboration, as well as preparation of enhanced research products (publications, presentations, etc.). PHRED staff contribute to EPHPP reviews and NCCMT activities as appropriate.</p> <p>Participation on local/regional research and education networks (e.g. Liaison Committees, etc.) is enhanced and PHRED is represented on provincial and national working groups and advisory committees.</p> <p>Ongoing</p>
1.4 Contribute to public health renewal in Ontario	All PHRED sites	MOHLTC MHP OAHPP OPHA Others	<p>Contribute expertise to Ontario public health renewal as appropriate:</p> <ul style="list-style-type: none"> • Technical Review Committee • Performance Management Working Group • PHAS Protocol writing team • Resource manual development including logic model consultations, library support services for literature searches, etc. • Other reviews and consultations 	To be determined.

2.0 Applied Public Health Research and Evaluation

Project	Project Lead	Project Partners	Description of Work	Proposed Deliverables and Timelines
2.1 Produce new edition of Program Evaluation Toolkit	Sudbury PHRED	London PHRED Kingston PHRED Hamilton PHRED Ottawa PHRED	The Program Evaluation Toolkit will be updated. The Toolkit, intended to be a supportive tool for all health units, will be adapted to the current public health environment, including the Foundational Standard.	October 31, 2008 Funding is to be determined.
2.2 Benchmarking	Ottawa PHRED	London PHRED	Maintain the enhanced interactive Benchmarking Website and communication links with public health practitioners. Develop and implement a dissemination plan to promote the newly developed benchmarking resource "Guide to Benchmarking in Ontario".	www.benchmarking-publichealth.on.ca is maintained A Guide to Benchmarking in Ontario is distributed to all key existing and potential stakeholders and is available on the PHRED website and the eHealthOntario portal.
2.3 Identify and communicate grant opportunities	Sudbury PHRED	London PHRED Kingston PHRED Hamilton PHRED Ottawa PHRED	This project contributes to enhanced awareness of funding opportunities, extension in scope and generalizability of research, and increased public health research activity. The funding updates are provided via email to all epidemiologists, planners, researchers, and others upon request.	Regular updates on funding opportunities are provided to all health units and academic partners. Ongoing

2.0 Applied Public Health Research and Evaluation

Project	Project Lead	Project Partners	Description of Work	Proposed Deliverables and Timelines
2.4 Evaluation of the Rapid Risk Factor Surveillance System (RRFSS) Website	Kingston PHRED	McMaster University University of Guelph	<p>This evaluation has been designed to address the following objectives:</p> <ol style="list-style-type: none"> 1. To determine how the RRFSS website can be enhanced to meet the needs of public health: RRFSS representatives, research and program staff, and Medical Officers of Health; 2. To develop and test a prototype of the enhanced website; 3. To determine what resources, financial and personnel, are required to maintain the website in its current form, and in an enhanced form; and 4. To answer questions regarding ongoing support for the RRFSS website. 	<p>The needs of current users will be assessed. An enhanced website will be developed and evaluated. Recommendations for the ongoing support of the website will be developed.</p> <p>March, 2008</p>

2.0 Applied Public Health Research and Evaluation

Project	Project Lead	Project Partners	Description of Work	Proposed Deliverables and Timelines
<p>2.5 NutriSTEP™ Project (Nutrition Screening Tool for Every Preschooler)</p>	<p>Sudbury PHRED University of Guelph</p>	<p>Nutrition Resource Centre, Provincial Ministries of Health (4 including Ontario); Ontario Ministries of Health Promotion and Children and Youth Services; Best Start Resource Centre; Dietitians of Canada; Ontario Early Years Centres, Community Action Program for Children sites</p>	<p><i>Targeted Implementation Study</i> To determine how to 'ethically screen' for preschool nutrition risk, there are three Ontario health units coordinating the implementation of NutriSTEP™ in select settings with a set sample size with Guelph University researchers as leads. The NutriSTEP™ project for health unit implementation is being transferred to the Nutrition Resource Centre (NRC) starting May 5, 2008.</p>	<p>Coordination and distribution methods for the NutriSTEP™ program will be established through the Ontario Nutrition Resource Centre as a new provincial program.</p> <p>An implementation toolkit will be available for use and is being updated as evaluation data become available with the targeted implementation study.</p> <p>The process evaluation study is taking place from June 2007 to May 2009 in three Ontario sites using different screening models. Training materials and avenues will be explored in preparation for province-wide NutriSTEP™ implementation.</p> <p>Opportunities for integration/linkage of the NutriSTEP™ program with other provincial and national programs is being explored (e.g. MHP Dietitian Advisory Service) as it has done with Dietitians of Canada Practice-based Evidence in Nutrition (PEN) Knowledge Pathway.</p> <p>Ongoing until April 30, 2008, when the project is being transferred to the NRC.</p>

2.0 Applied Public Health Research and Evaluation

Project	Project Lead	Project Partners	Description of Work	Proposed Deliverables and Timelines
2.6 Funding Research Excellence Development (FRED)	Hamilton PHRED	Cate Dewey, Dept. of Population Medicine, University of Guelph	<p>1. <i>Development of an Information Network for the Promotion And Protection of a Safe Food Supply</i></p> <p>Aim: Create an active collaboration between community public health practitioners in the City of Hamilton Public Health Services and public health researchers at the Ontario Veterinary College, University of Guelph.</p> <p>Focus: Creation of food safety information resources targeted to the specific needs of community health practitioners involved in the promotion and protection of a safe food and water supply.</p>	<p>Production of educational materials to be used in the training of restaurant workers.</p> <p>Ends April 2008</p>

2.0 Applied Public Health Research and Evaluation

Project	Project Lead	Project Partners	Description of Work	Proposed Deliverables and Timelines
		Dr. J Scott Weese, Dept. of Pathobiology, University of Guelph	<p>2. <i>Development of Community-Based Public Health Resources Regarding Zoonotic Diseases and Household Pets</i></p> <ul style="list-style-type: none"> i. Develop an integrated network of professionals in the field of companion animal zoonotic diseases. ii. Identify needs of public health personnel in the area of household pets and zoonotic diseases. iii. Develop comprehensive evidence-based information sheets regarding the different pet species and different zoonotic diseases. iv. 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. v. Develop an educational program to increase the knowledge of public health personnel involved in health promotion concerning pets and zoonotic diseases. 	<p>Information sheets: 6 species and 15 diseases. School classroom animal contact survey results. Public Health personnel survey results.</p> <p>Ends April 2009</p>

2.0 Applied Public Health Research and Evaluation

Project	Project Lead	Project Partners	Description of Work	Proposed Deliverables and Timelines
		Dr. Margaret Black, School of Nursing, McMaster University	<p>3. <i>Chronic Disease Prevention Network for Diverse Ethno-Cultural Communities: Physical Activity Promotion</i></p> <p>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.</p>	<p>Project logic model developed.</p> <p>Literature review completed in the following areas: cultural competence, partnerships, physical activity promotion/need and immigrants, immigrant health and relevant methods of evaluation.</p> <p>Key informants interviews completed.</p> <p>Ends April 2009</p>
		Dr. Maureen Dobbins, School of Nursing, McMaster University	<p>4. <i>Health-Evidence.ca</i></p> <ol style="list-style-type: none"> i. Address learning gaps related to the identification and critical appraisal of public health research evidence; ii. Identify informational needs and preferences for accessing and receiving research evidence; and iii. Develop an easily accessible, user friendly online public health resource – Health-evidence.ca. 	<p>10 summary statements completed.</p> <p>12 additional summary statements underway.</p> <p>Knowledge Transfer workshops provided by knowledge broker with each of the 4 divisions in Hamilton Public Health Services.</p> <p>Tentatively, Regional Knowledge Transfer workshops to be conducted across Ontario with the following goals:</p> <ul style="list-style-type: none"> • Improving capacity among Public Health staff to be critical consumers of information; • Incorporating research evidence into practice; • Application of Knowledge Transfer skills to determine how to use PHRED products in local practice. <p>Ends April 2009</p>

2.0 Applied Public Health Research and Evaluation

Project	Project Lead	Project Partners	Description of Work	Proposed Deliverables and Timelines
2.7 Northern Fruit and Vegetable Pilot (NFVP) Program – Focus Groups	London PHRED	Kingston PHRED Sudbury PHRED Ottawa PHRED Porcupine Health Unit Ministry of Health Promotion Schools and School Boards	Focus groups will be conducted with children in grades 5-8 in the Porcupine region in the spring regarding their experiences with the Northern Fruit and Vegetable Program (NFVP). The focus groups will be conducted in both official languages. Depending on the status of the NFVP and PHRED resources, focus groups may be conducted with children in Algoma in the fall.	<p>The impact evaluation provided much needed data on the effectiveness of the program, and the process evaluation yielded valuable information on program improvement from an administrative perspective; however children's perception of the program remains unknown. Their unique perspective could potentially offer additional insight on program improvement. Qualitative data will offer an opportunity to explore children's experiences in-depth.</p> <p>Final Report to be submitted to MHP by February 2009.</p> <p>MHP funding has been approved to conduct the focus groups in the spring.</p>

2.0 Applied Public Health Research and Evaluation

Project	Project Lead	Project Partners	Description of Work	Proposed Deliverables and Timelines
2.8 Measuring Fruit and Vegetable Intake Among Young Children: A Search for a Valid and Reliable Tool	London PHRED	Brescia University College Kingston PHRED Sudbury PHRED Ottawa PHRED Ministry of Health Promotion	Measuring fruit and vegetable intake among young school children, i.e. ages 4-9, grades JK-4 is challenging due to their limited literacy and comprehension ability. This project was designed to determine if valid and reliable population-based tools exist and if so should be used to measure the effectiveness of the Northern Fruit and Vegetable Pilot (NFVP) Program on young children's fruit and vegetable consumption. In the event that no tool exists, using the results from the literature review and key informant interviews, a recommendation will be made if a tool should or should not be developed. A thorough literature search including an overview of grey literature was conducted in 2007. Telephone interviews with experts are scheduled for early in 2008.	Final report consisting of a thorough literature review, a summary of key informant interviews and recommendation(s) re the use of existing tools and/or the feasibility of developing population-based tools to measure fruit and vegetable consumption of young children if no tool(s) exist. The time line was revised from October 2007 until March 2008. Funded by MHP.

2.0 Applied Public Health Research and Evaluation

Project	Project Lead	Project Partners	Description of Work	Proposed Deliverables and Timelines
<p>2.9 Analysis of the Canadian Community Health Survey Cycle 2.2 Nutrition Data (Ontario Sample) - Phase 2: Knowledge Exchange</p>	<p>Sudbury PHRED</p>	<p>Ministry of Health Promotion London PHRED Kingston PHRED Ottawa PHRED Toronto Public Health University of Toronto</p>	<p>This project involves two elements:</p> <ol style="list-style-type: none"> 1. The dissemination of the Report on “Analysis of Ontario Sample in Cycle 2.2 of the Canadian Community Health Survey (2004)”, in collaboration with the Ministry of Health Promotion. 2. A knowledge exchange activity which aims to provide opportunities for the field to dialogue and further delineate the public health practice and research implications of the findings. This will be achieved by striking a Think Tank, which will develop a Discussion Guide to accompany the final report, and by holding several knowledge transfer and exchange activities involving the field, including an interactive workshop. A Workshop Report will be produced and disseminated to the public health field. 	<p>Deliverables include:</p> <ul style="list-style-type: none"> • Discussion Guide, which will direct the interactive workshop (September 2008) • Interactive workshop with key public health stakeholders and decision makers (October 2008) • Workshop Report (December 2008) • Dissemination plan for the Workshop Report (December 2008) <p>Proposal submitted at the request of MHP; awaiting confirmation of funding.</p>

2.0 Applied Public Health Research and Evaluation

Project	Project Lead	Project Partners	Description of Work	Proposed Deliverables and Timelines
2.10 Process Evaluation of Ontario's Action Plan for Healthy Eating and Active Living	London PHRED	Kingston PHRED Sudbury PHRED Ottawa PHRED Ministry of Health Promotion	Building on Phase I (i.e. 25 key informant interviews conducted in 2007), Phase II will consist of a web-based survey which will be developed and conducted in 2008. The process evaluation has been designed to identify barriers and facilitators to the implementation of Ontario's Action Plan for Healthy Eating and Active Living.	<p>The findings will provide needed data to determine if the Action Plan is being implemented as intended or if midcourse corrections are needed.</p> <p>The Phase I report will be submitted to MHP by March 2008. Analysis of the web-based survey and a preliminary report will be completed by December 2008. The time line has been revised from March 2008 until December 2008 to accommodate more in-depth key informant interviews prior to developing the web-based survey.</p> <p>Funded by MHP.</p>
2.11 Development of an Evaluation Framework for Ontario's Childhood Obesity Strategy	London PHRED	Kingston PHRED Ottawa PHRED Sudbury PHRED Ministry of Health Promotion	As of April 2008, MHP has initiated preliminary discussions with the PHRED Program to develop an evaluation framework for the government's Childhood Obesity Strategy.	Pending further discussion of expectations, timelines and confirmation of funding, the development of a draft macro-level evaluation framework by September 2008.

2.0 Applied Public Health Research and Evaluation

Project	Project Lead	Project Partners	Description of Work	Proposed Deliverables and Timelines
<p>2.12 Reliability and Validity of Using Self-Reported Clothing Size as a Proxy for Waist Circumference at the Population Level</p>	<p>London PHRED</p>	<p>Kingston PHRED Sudbury PHRED Ottawa PHRED Ministry of Health Promotion</p>	<p>This study used a cross-sectional sample of adult Ontarians to test the validity and reliability of self-reported waistline and self-reported clothing size, as compared to professionally measured waistline. A telephone survey module, i.e., the “Waistline Module”, consisting of questions about self-reported waistline (in cm and inches), and size of pants was developed and tested with a sufficient sample of adults for validity and reliability against professionally measured waistline. Data collection and analysis were completed in 2007 and results shared with the RRFSS Ad Hoc Working Group, developing the Self-Report Waistline Module.</p>	<p>A determination of the validity, reliability and usefulness at the population level of self-reported/measured waistline measures in adult Ontarians as a tool to assess the risk of abdominal obesity on health.</p> <p>A final report focusing on “Self-Report Waist Circumference- Without Measurement” will be submitted to MHP by May 1, 2008. The time line was revised from December 2007 to accommodate the challenges in recruitment and data collection. The complete study i.e. self-report and professional measurement will be prepared for peer-reviewed publication by August 2008.</p> <p>Pending funding from MHP.</p>

2.0 Applied Public Health Research and Evaluation

Project	Project Lead	Project Partners	Description of Work	Proposed Deliverables and Timelines
<p>2.13 Creation of a Healthy Eating and Active Living (HEAL) Data Analysis and Synthesis Team - Year 1 Deliverables</p>	<p>London PHRED</p>	<p>Kingston PHRED Sudbury PHRED Ottawa PHRED Ministry of Health Promotion</p>	<p>This proposal calls for the creation of a <i>HEAL Data Analysis and Synthesis Team</i> whose primary mandate would be to 1) track key outcome indicators for monitoring performance and to meet accountability requirements related to Ontario's Action Plan for Healthy Eating Active Living, and 2) transform data into relevant and easily understood information to assist in setting goals and targets and to inform policy development and program planning. During Year I, only data sources that are readily available would be used and time would be dedicated to exploring options for other data sources.</p>	<p>By analyzing key indicators and disseminating the findings, the resulting intelligence will assist in determining if there has been positive movement in the outcome indicators identified for Ontario's Action Plan for Healthy Eating and Active Living. The findings will provide needed evidence to inform program planning, science-based interventions including prioritizing and allocating resources, determining policy decisions at the provincial and local level and will provide valid and reliable data to assist in setting relevant goals and targets. Furthermore if the team receives ongoing funding, the potential exists to: identify emerging issues and health promotion priorities; develop system capacity by providing training opportunities for graduate students and recently graduated investigators; advance a health promotion monitoring, evaluation and research agenda, including the identification of data gaps and system requirements for a strong surveillance system; and offer academic credibility, excellence and enhanced linkages through data networks.</p> <p>A six month progress report and year end final report will be produced to meet the needs of various stakeholders including the funder and to meet reporting obligations of data custodians. Peer-reviewed publication(s), working paper(s) and/or presentation(s) will be prepared.</p> <p>Proposal submitted at the request of MHP; awaiting confirmation of funding.</p>

2.0 Applied Public Health Research and Evaluation

Project	Project Lead	Project Partners	Description of Work	Proposed Deliverables and Timelines
2.14 RRFSS Module Development – Ontario’s Action Plan for Healthy Eating and Active Living	London PHRED	Kingston PHRED Sudbury PHRED Ottawa PHRED Region of Waterloo Public Health Ministry of Health Promotion	The development of two RRFSS modules, i.e., Awareness of Ontario’s Action Plan for Healthy Eating and Active Living Key Messages, and Self-report of Waistline Measurement was initiated in 2007. The draft modules will be pilot tested in 2008 and available for uptake by participating health units. With permission of participating health units, the PHRED Program will complete the analysis of the two modules.	Will provide data on short-term and intermediate outcomes to assess the Action Plan’s impact on healthy eating and active living. Time line is dependent on the availability of the modules following the pilot testing and the uptake by participating health units. Pending funding by MHP.

2.0 Applied Public Health Research and Evaluation

Project	Project Lead	Project Partners	Description of Work	Proposed Deliverables and Timelines
2.15 School Health Environment Survey (SHES)	University of Waterloo	Sudbury PHRED Ottawa PHRED Ministry of Health Promotion	<p>The School Health Environment Survey (SHES) measures aspects of the school environment that impact on the healthy eating and physical activity of students.</p> <p>Thus far, the School Health Environment Survey (SHES) project has involved developing the SHES (2006); testing the SHES for validity, reliability and feasibility (2007); and implementing the SHES in a broad provincially representative sample of schools (2007).</p> <p>The 2008 phase of this project involves two components:</p> <ol style="list-style-type: none"> 1. Completing the SHES implementation (Apr-Aug 2008) 2. Learning from the current implementation and contributing to future learning from and refinement of SHES (Apr 2008-Mar 2009) 	<p>Component 1</p> <ol style="list-style-type: none"> 1. Final report on implementation of the School Health Environment Survey and outcomes in relation to the Action Plan for Healthy Eating Active Living (HEAL). (March 31, 2008) 2. Draft list of SHES items that best inform HEAL evaluation. (March 31, 2008) 3. Report on the feasibility of using data from the original implementation of SHES. (Aug 31, 2008) <p>Component 2</p> <ol style="list-style-type: none"> 1. Semi-structured interview schedule for examining levels of knowledge use based on SHES. (March 31, 2009) 2. Report on: <ul style="list-style-type: none"> • barriers to implementation; suggested revisions to SHES process; (March 31, 2009) • results and implications of the analyses regarding knowledge use; (March 31, 2009) • success stories at participating schools for dissemination to education and public health partners. (March 31, 2009) 3. Refined and abbreviated School Health Environment Survey instrument reflecting what was learned about reliability and validity. (March 31, 2009) <p>Proposal submitted at the request of MHP; awaiting confirmation of funding.</p>

2.0 Applied Public Health Research and Evaluation

Project	Project Lead	Project Partners	Description of Work	Proposed Deliverables and Timelines
2.16 Provide evaluation support to Cancer Care Ontario (CCO)	Sudbury PHRED	London PHRED Ottawa PHRED CCO	<p>The PHRED Program is providing evaluation support on three defined projects:</p> <ol style="list-style-type: none"> 1. SDHU PHRED is delivering two program evaluation workshops for Cancer Care Ontario's Division of Preventive Oncology (DPO). In addition, PHRED will produce a report on recommendations to establish a 3-year program evaluation plan for the DPO. 2. MLHU PHRED is supporting the evaluation of a health promotion screening initiative targeted to the Chinese community. 3. Evaluation support is being provided to six CCO-funded regional projects related to evidence-informed colorectal cancer prevention and screening (SDHU PHRED; OPH PHRED). 	<p>Evaluation Workshops for Cancer Care Ontario Staff, including a resource binder (Sudbury PHRED). (March 31, 2008)</p> <p>A report on recommendations to establish a 3-year program evaluation plan for the DPO. (March 31, 2008)</p> <p>Evaluation support for the Chinese Health Promotion Initiative for Colorectal, Cervical, and Breast Screening (London PHRED). (March 31, 2008)</p> <p>Support to Evaluation of 5 Regional Colorectal Screening Promotion Projects (Sudbury PHRED; Ottawa PHRED). (April 30, 2008)</p> <p>Final Report on Evaluation of Regional Evidence-Informed Colorectal Cancer Screening and Prevention Projects. (May 31, 2008)</p> <p>Funded by CCO.</p>

3.0 Education and Development

Project	Project Lead	Project Partners	Description of Work	Proposed Deliverables and Timelines
3.1 Provide student experiences in public health units	All PHRED sites	Collaborating academic centres	Students in public health related disciplines, including graduate, undergraduate and post professional licensure students, including community medicine residents (Northern Ontario School of Medicine [NOSM] is offering a residency for the first time in 2008), have supported placement opportunities in public health units. Staff provide a variety of supports to students (e.g., Northern Ontario Dietetic Internship Program – PHRED provides a research consultant to 10 interns and their preceptors) and serve on program advisory committees.	A minimum of 800 student placements in 2008. A number of students are subsequently recruited to work in public health units. Ongoing
3.2 Sponsor and support student research	All PHRED sites	OPHA	Students are supported to conduct relevant research out of PHRED sites. Also, an award of \$1000 will be presented annually to the best paper resulting from a student project and presented at the OPHA Annual Conference.	Students are encouraged to continue to study issues related to public health. Award is given at the annual OPHA conference.

3.0 Education and Development

Project	Project Lead	Project Partners	Description of Work	Proposed Deliverables and Timelines
3.3 Provide input into course curricula including developing innovative teaching models and teach public health related courses	All PHRED sites	Academic Health Science Centres, other academic partners	Teaching/faculty contributions are made in over 15 academic institutions.	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. Ongoing
3.4 Provide summer student internships	Hamilton PHRED	McMaster Institute of Environment and Health	The McMaster Institute of Environment and Health will continue as a PHRED partner and provide evaluation support to the Healthy Environment Division. As a new initiative, summer student internships will be funded through the PHRED program, to support research questions of interest to the Hamilton Public Health Services, Health Protection Division.	Student research projects are conducted on health unit priorities related to environmental health. Summer 2008

3.0 Education and Development

Project	Project Lead	Project Partners	Description of Work	Proposed Deliverables and Timelines
3.5 Beyond the Basics: A Toolkit for Experienced Preceptors	London PHRED	PHRED Connection health units (includes PHRED and non-PHRED health units)	The utility of the following evidence-based modules, which were distributed in 2007, will be evaluated: Critical Thinking; Conflict; Constructive Feedback; and Diversity and Learning.	A utility assessment of the modules designed to enhance preceptor practice will be completed by the end of 2008. Modifications based on feedback will be identified.
3.6 Define public health nutrition practice	Kingston PHRED as Representative on Advisory Committee	Pan Canadian Advisory Committee for Public Health Nutrition (project lead) Wellington-Dufferin-Guelph Public Health	Development of a three year action plan to: <ol style="list-style-type: none"> 1. define public health nutrition practice through consultation within and beyond the discipline; 2. map existing competency sets found through situational assessment to PHAC's core competencies for public health; and 3. investigate potential models for a national organizational structure. 	Publication and circulation of the action plan in 2010

4.0 Knowledge Exchange

Project	Project Lead	Project Partners	Description of Work	Proposed Deliverables and Timelines
4.1 Build knowledge exchange into projects explicitly where appropriate	All PHRED sites	MOHLTC MHP Others as appropriate	Where appropriate, PHRED projects will explicitly build in resources for knowledge exchange (i.e. part of the HEAL evaluation). Key lessons learned from different experiences of knowledge exchange will be summarized.	Projects explicitly address knowledge exchange. Ongoing. Report on key lessons learned is available. 2007-2008.
4.2 Work with partners to disseminate evidence for public health practice	All PHRED sites	Health Promotion Resource Centres OPHA CPHA MOHLTC MHP EPHPP National Collaborating Centres Collaborating Academic Partners	PHRED staff contribute to other public health professionals' development through conference presentations, workshops and posters. Publications in peer-reviewed journals, as well as other forums (paper based and also interactive) assist with knowledge exchange.	Knowledge is exchanged, partnerships are developed. Increased collaboration in knowledge transfer and evaluation. All sites publish information relevant to improving public health practice. Ongoing

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