

Research and Education Division 2009 Annual Report

Research and Education Division
Kingston, Frontenac and Lennox & Addington Public Health



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Director's Report

The year 2009 is the first full year in which the Ontario Public Health Standards (2008)¹ were implemented, replacing the former Mandatory Health Programs and Services Guidelines (1997)². The Ontario Public Health Standards contains a *Foundational Standard*, which describes and makes explicit four groups of activities which are fundamental to the practice of public health. These are:

- population health assessment
- surveillance
- research and knowledge exchange, and
- program evaluation.

Each of these categories provides a class of information necessary for the development of evidence-based programs designed to best meet the needs of the target population. They “underlie and support” the *Program Standards*, which are grouped into five areas: Chronic Diseases and Injuries, Family Health, Infectious Diseases, Environmental Health and Emergency Preparedness. The standards of each of the program areas contain activities which fall under the *Foundational Standard*.

The goal of Research and Education has always contained the activities of the *Foundational Standard*. This goal is to contribute to effective and efficient public health practice, both locally and provincially, through

- encouraging and conducting applied public health research,
- disseminating new knowledge to staff and professionals in public health,
- contributing to the learning of those who are training to become public health professionals, and
- making academic resources available to members of KFL&A Public Health.

The *Foundational Standard* provides a new framework for the work of Research and Education, and readers will therefore notice a new format for our Annual Report. As in earlier reports, activities are grouped under the three main areas of Surveillance and Applied Public Health Research, Knowledge Transfer, and Education. Within Surveillance and Applied Public Health Research, activities are presented according to the *Foundational Standard* framework: Surveillance and Population Health Assessment, Program Development and Evaluation, and Applied Public Health Research. I hope that this will help to clearly illustrate the support that Research and Education continues to give to all KFL&A Public Health programs in meeting the Ontario Public Health Standards in the area of the *Foundational Standard*.

Also in 2009 we have seen continued discussions of the transfer of the Public Health Research, Education and Development (PHRED) programme from the Ministry of Health and Long Term Care to the Ontario Agency for Health Protection and Promotion. The alignment of PHRED with the Ontario Agency for Health Protection and Promotion was recommended by the Agency Implementation Task Force Report (2006)³. In 2009 there was continued discussion of how the shared public health research and knowledge exchange objectives of PHRED and the Ontario Agency of Health Protection and Promotion will be accomplished most efficiently and

effectively. The PHRED programme has contributed to this discussion in a formal way in tri-partite discussions of potential models.

Changes to the PHRED programme will inevitably affect the Research and Education Division of KFL&A Public Health. I am confident, however, that we will emerge from the transition with a more focused mandate as a result of both the transfer of PHRED and the articulation of the *Foundational Standard* in the Ontario Public Health Standards, and that we will continue to work effectively to meet the needs of KFL&A Public Health in the areas of Research, Education and Knowledge Exchange.

It is therefore my pleasure to present the Annual Report for the Research and Education Division for 2009.

Sincerely,

Kate O'Connor,

Director of the Research and Education Division
KFL&A Public Health.

¹Minister of Health and Long Term Care. Ontario Public Health Standards 2008. Available at http://www.health.gov.on.ca/english/providers/program/pubhealth/oph_standards/ophs/progstds/pdfs/ophs_2008.pdf

²Ministry of Health, Public Health Branch. Mandatory Health Programs and Services Guidelines. December 1997. Queen's Printer for Ontario, 1998.

³The Capacity Review Committee. Revitalizing Ontario's public health capacity: the final report of the Capacity Review Committee. Queen's Printer for Ontario, 2006.

Surveillance and Applied Public Health Research

Surveillance and Population Health Assessment

Ongoing in 2009

Injuries Resulting from Motor Vehicle Collisions Seen at Kingston General Hospital from 1999 to 2008

Description: This report presents an analysis of data from a summary of all hospital admissions to the regional trauma centre, located at Kingston General Hospital, for injuries sustained in motor vehicle collisions for the years 1999 through 2008.

Investigators: Matthew Hodgetts, Suzanne Sinclair, Kathleen O'Connor

Research and Education Staff: Matthew Hodgetts, Suzanne Sinclair, Kathleen O'Connor

Funding: Internal

Start and Anticipated Completion Dates: July, 2008 – February, 2010

An Infant Feeding Survey in Kingston, Frontenac and Lennox & Addington (KFL&A)

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.

Investigators: Connie Wowk, Susan Stewart, Kathleen O'Connor

Research and Education Staff: Susan Stewart, Kathleen O'Connor, Suzanne Sinclair

Funding: Internal

Start and Anticipated Completion Dates: October, 2007 – December, 2010

Active Transportation Survey

Description: The purpose of this survey is to document current patterns of active transportation use of city of Kingston residents and to identify active transportation barriers and facilitators.

Investigators: Kingston Coalition for Active Transportation, Anne MacPhail

Research and Education Staff: Daphne Mayer, Kathleen O'Connor

Funding: Kingston Coalition for Active Transportation (\$10,000)

Start and Anticipated Completion Dates: November, 2008 – December, 2010

Greater Kingston Area Boating Survey

Description: The purpose of this survey is to gather information that can be compared to information collected in a similar survey, done in 1994. This comparison will be used in planning health promotion and injury prevention programs.

Investigators: Karen Scott, Cathy Edwards, Safe and Sober Community Alliance

Research and Education Staff: Karen Scott

Funding: Internal

Start and Anticipated Completion Dates: June, 2009 – December, 2010

Epidemiological Analysis of Data from the Kingston Regional Injury Surveillance Program (K.R.I.S.P.) to Identify Patterns of Childhood Injury in the KFL&A Area

Description: This project will use surveillance data collected through the Kingston Regional Injury Surveillance Program (K.R.I.S.P.) to identify common patterns of injury in children of the Kingston, Frontenac and Lennox & Addington area. The results of these analyses are to be used for injury prevention initiatives such as educational presentations to parents and caregivers.

Investigators: Casey Walters Gray, Stephen Matemba, Suzanne Sinclair

Research and Education Staff: Stephen Matemba, Suzanne Sinclair

Funding: Internal

Start and Anticipated Completion Dates: November, 2008 – December, 2010

Epidemiological Analysis of K.R.I.S.P. Data for Injury and Substance Misuse Prevention Programs at Kingston, Frontenac and Lennox & Addington Public Health

Description: This project will use surveillance data collected through the Kingston Regional Injury Surveillance Program (K.R.I.S.P.) in the implementation of injury prevention programs for KFL&A residents, including adults, youth and school-aged children. Data analysis will aim to identify common patterns of injury in the KFL&A area and to provide statistics to be used in the planning and implementation of public health injury prevention programs.

Investigators: Kim Shaw, Janine Monahan, Stephen Matemba

Research and Education Staff: Stephen Matemba, Suzanne Sinclair

Funding: Internal

Start and Anticipated Completion Dates: Deferred to 2010

Program Development and Evaluation

Completed in 2009

Evaluation of “Step into Fitness”

Description: This project was an outcome evaluation of a pedometer-based walking and nutrition program.

Investigators: Jane Bird, Anne MacPhail, Susan Stewart, Karen Thorpe, Karen Scott

Research and Education Staff: Susan Stewart, Karen Scott

Funding: Internal

Under COOKstruction – Pilot of a Youth-Focused Food Skills Program

Description: Under COOKstruction is a program designed to increase food acquisition, storage and preparation skills in senior high school students who are at high risk of food insecurity. The aim of this formative evaluation was to determine the appropriateness and acceptability of the program content and structure from the participants’ perspective, and the feasibility of program implementation from the perspectives of instructors and school representatives.

Investigators: Lisa Munday, Karen Scott

Research and Education Staff: Karen Scott

Funding: Internal

Focus Group input into Motiv8 Message Development: Vegetables and Fruit

Focus Group input into Motiv8 Message Development: Physical Activity

Description: Focus groups were held to obtain information about barriers to and facilitators of increased vegetable and fruit consumption and increased daily physical activity among adults aged 20 to 44 years in the KFL&A area. The project documented successful strategies of participants who felt sufficiently engaged in these health promoting activities.

Investigators: Deb Vine, Jane Thurston, Karen Scott, Marie Traynor

Research and Education Staff: Karen Scott, Marie Traynor

Funding: Internal

Ongoing in 2009

PlasmaCar Pilot Project

Description: The aim of this process evaluation is to obtain student feedback about the appropriateness of the use of a PlasmaCar as a teaching aid for the secondary school population. This will help to determine the activity's potential fit with KFL&A Public Health's Drive for Life program, or other injury prevention programs targeting young teens.

Investigators: Lynn MacKinder, Kelly Johnson, Janine Monahan, Daphne Mayer

Research and Education Staff: Daphne Mayer

Funding: Ontario Ministry of Transportation (2009 Road Safety Challenge)

Start and Anticipated Completion Dates: May, 2009 – May, 2010

Bicycle Rack Initiative: A Pilot Project

Description: The purpose of this impact evaluation is to determine if the installation of bicycle racks has an effect on the use of cycling as a mode of active transportation to school.

Investigators: Debbie O'Grady, Janine Monahan

Research and Education Staff: Daphne Mayer

Funding: Internal

Start and Anticipated Completion Dates: April, 2009 – May, 2010

Evaluation of the Alcohol, Smoking and Abuse Screening Tool for Women

Description: An evaluation of health care providers' reaction to and use of a new and comprehensive screening tool for women.

Investigators: Pam Carr, Mary Jane Gordon, Donna Clarke-McMullen, Tyler Moon, Susan Stewart

Research and Education Staff: Susan Stewart, Stephen Matemba, Kathleen O'Connor

Funding: Internal

Start and Anticipated Completion Dates: January, 2006 – June, 2010

Evaluation of the Motiv8 Holiday Challenge

Description: The purpose of this outcome evaluation is to assess the impact and effectiveness of a web-based initiative to encourage residents of KFL&A to avoid weight increases over the holiday period.

Investigators: Debra Vine, Karen Scott

Research and Education Staff: Karen Scott

Funding: Internal

Start and Anticipated Completion Dates: July, 2009 – June, 2010

Take Control Group Series Evaluation:

Description: This project evaluates a new group format of KFL&A Public Health's Take Control smoking cessation program. The evaluation includes an assessment of both process and outcome indicators.

Investigators: Nancy Melville, Daphne Mayer

Research and Education Staff: Daphne Mayer

Funding: Internal

Start and Anticipated Completion Dates: October, 2009 – September, 2010

Evaluation of the Child and BabyTalk Telephone Line: Preparation of a Logic Model and an Evaluation Plan

Description: The purpose of this project is to develop a logic model, and to use this to design an evaluation of the BabyTalk telephone line.

Investigators: Heather Dickson, Stephen Matemba, Karen Scott

Research and Education Staff: Stephen Matemba, Karen Scott

Funding: Internal

Start and Anticipated Completion Dates: November, 2008 – December, 2010.

Early Expressions Parent and Provider Satisfaction Survey

Description: As a result of provider dissatisfaction, Early Expressions Speech and Language Preschool Services implemented a change to the program's service delivery model. This study will evaluate levels of satisfaction with continuity of care before and after the change in service delivery from the perspective of both providers of Early Expressions services and parents of children referred to the service.

Investigators: Sonya Bianchet, Kris Millan, Daphne Mayer, Kathleen O'Connor

Research and Education Staff: Daphne Mayer, Kathleen O'Connor

Funding: Internal

Start and Anticipated Completion Dates: October, 2008 – December, 2011

Evaluation of Motiv8, a Multi-pronged Initiative to Achieve Healthy Weights in the Population of KFL&A

Description: *Motiv8* is an initiative of KFL&A Public Health targeting KFL&A adults in their homes, schools, daycare centres and in the community. *Motiv8* 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.

Investigators: Suzette Taggart, Kathleen O'Connor, Marie Traynor, Karen Scott

Research and Education Staff: Kathleen O'Connor, Marie Traynor, Karen Scott

Funding: Internal

Start and Anticipated Completion Dates: June, 2007 – December, 2012

Applied Public Health Research

The Health Effects of Proximity to Wind Turbines

Description: The proposed study is a modified scoping review of the health effects of residential proximity to wind turbines. Published and grey literature and internet websites will be scanned for information on the health effects of wind turbines, drawing also on literature about similar noise related health effects.

Investigators: Paul Masotti, Kathleen O'Connor, Matthew Hodgetts

Funding: External funds are being sought from CIHR.

Start and Anticipated Completion Dates: June, 2009 to November, 2010

PHRED Research Scientist
Dr. Linda Lévesque

The position of Research Scientist enhances greatly the capacity of KFL&A Public Health to contribute to the broader field of public health both nationally and internationally through peer-reviewed research and publication. As well as holding the position of Research Scientist, Dr. Linda Lévesque is Assistant Professor in the Department of Community Health and Epidemiology at Queen's University and Adjunct Scientist at the Institute for Clinical Evaluative Sciences (ICES) in Toronto. She is a pharmacoepidemiologist studying drug and vaccine safety. Her research interests are based on her experience as a practicing pharmacist, and focus on the safe and effective use of medications within a population and public health context. She specializes in post-marketing drug and vaccine safety evaluations. She is also interested in the impact of research methodology on the validity of study results and has carried out a number of projects in this area.

The scope and intensity of Dr. Lévesque's program of research is illustrated by the number of grants that have been awarded to her while in this position. In 2009 she was the recipient of two research grants, with three under review and seven previous grants still active; these are described below. Her commitment to Queen's University includes contributions to the teaching of medical students as well as the supervision of graduate students. Dr. Lévesque's teaching activities are included in the *Education* section of this report, while papers, publications and presentations are captured under *Dissemination*.

Research Grants: Received

Title: *Establishment of the Pharmacoepidemiology and Economics Research Unit*
Agency: Canadian Foundation for Innovation – Infrastructure Operating Fund (CFI-IOF)
Role: Principal Investigator and Primary Author
Amount: \$140,852 (July 2009 – March, 2014)
Type: Infrastructure operating grant

Title: *Cardiovascular outcomes of drug treatment for neuropathic pain and fibromyalgia: a population-based cohort study*
Agency: Canadian Institutes of Health Research, Institute of Population and Public Health (IPPH) Priority Announcement (PIA)
Role: Principal Investigator and Co-author
Amount: \$100,000 (January 2009 – December 2009; received April 2009)
Type: Operating grant

Research Grants: Under Review

Title: *Oral hypoglycemic agents and the risk of cancer in older adults with type 2 diabetes: a population-based cohort study*

Agency: Canadian Institutes of Health Research, Institute of Population & Public Health (IPPH)

Role: Principal Investigator and Primary Author

Amount: \$381,088 (2010 – 2011)

Type: Operating grant

Title: *Multiple medication use in the Québec elderly and the risk of motor vehicle crash*

Agency: Canadian Institutes of Health Research, Institute of Population & Public Health (IPPH)

Role: Co applicant and Co-author

Amount: \$323,229 (2010 – 2011)

Type: Operating grant

Title: *The short term safety and utilization of the quadrivalent HPV vaccine in grade 8 girls: the Ontario cohort study*

Agency: Ministry of Health and Long-Term Care, Drug Innovation Fund (MOHLTC-DIF)

Role: Principal Investigator and Co-author

Amount: \$218,835 (2010 – 2011)

Type: Operating grant

Research Grants: Still Active

Title: *“HPV quadrivalent vaccine: a post-marketing safety evaluation”*

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

Role: Principal Investigator

Amount: \$30,000 (December 10, 2008 – December 30, 2010)

Type: Operating grant

Title: *“A pharmacoepidemiology study of the cardiovascular safety of bisphosphonates”*

Agency: Canadian Institutes of Health Research (CIHR), Population Health Committee

Role: Co-principal Investigator and Co-author

Amount: \$176,300 (April 1, 2008 – March 31, 2010)

Type: Operating grant

Title: *“Establishment of the Pharmacoepidemiology and Economics Research Unit (PERU)”*

Agency: Ontario Research Fund for Research Infrastructure (ORF-RI)

Role: Principal Investigator and Primary Author

Amount: \$469,508 (July 1, 2007 – June 30, 2009)

Type: Provincial infrastructure grant

Title: *Establishment of the Pharmacoepidemiology and Economics Research Unit (PERU)*
Agency: Canadian Foundation for Innovation – Leaders Opportunity Fund (CIF-LOF)
Role: Principal Investigator
Amount: \$469,508 (July 1, 2007 – June 30, 2009)
Type: Federal infrastructure grant

Title: *Antithrombotic treatment intensity and the risk of hemorrhagic complications in the elderly: a population-based study*
Agency: Canadian Institutes of Health Research (CIHR), Population Health Committee
Role: Principal Investigator and Primary Author
Amount: \$205,496 (April 1, 2007 – September 30, 2009)
Type: Operating grant

Title: *Nonsteroidal anti-inflammatory drugs and cardiovascular risk – An international patient level meta-analysis of observational studies*
Agency: Canadian Institutes of Health Research (CIHR), Population Health Committee
Role: Co-investigator
Amount: \$183,616 (October 1, 2007 – September 30, 2009)
Type: Operating grant

Title: *Development, validation and applications of new methods for analyzing observational studies of medications*
Agency: Canadian Institutes of Health Research (CIHR), Population Health Committee
Role: Co-investigator
Amount: \$572,735 (October 1, 2006 – August 30, 2011)
Type: Operating grant

External Committees

Member, Canadian Vaccine Safety Technical Advisory Committee, Public Health Agency of Canada

Member, Drug, Diabetes and Kidney Research Group, Institute for Clinical Evaluative Sciences (ICES)

Member, Education Committee, International Society for Pharmacoepidemiology (ISPE)

Member, Special Interest Group (SIG) for Biologics and Vaccines, International Society for Pharmacoepidemiology

Committees of Queen's University

Chair, Undergraduate Medical Education Committee, Department of Community Health and Epidemiology

Member, Medicine in Society (MIS) Committee, School of Medicine

Member, Phase1 Undergraduate Medical Education Committee, School of Medicine

Member, Phase2A Undergraduate Medical Education Committee, School of Medicine

Member, Phase 2B Undergraduate Medical Education Committee, School of Medicine

Member, Curricular Review Committee, Evidence Based Practice and Critical Thinking

Externally Funded Research Projects

A summary of projects funded through research grants obtained by Research and Education staff members during the year 2009 is contained in the following table. External research funds totalled more than \$2.3 million.

Summary of Research Funding Obtained or Requested in 2009

| Staff Member | Source of Grant | Field of Study | Term of Grant | Amount of Grant |
|--|------------------------|---|----------------------|------------------------|
| Grants Carried Over into 2009 | | | | |
| L. Lévesque | KFL&A | HPV Vaccine Safety | 2008-2010 | \$30,000 |
| L. Lévesque | CIHR | Cardiac Safety of Bisphosphonates | 2008-2010 | \$176,300 |
| L. Lévesque | CIHR | Medications: New Methods for Analysis | 2006-2011 | \$572,735 |
| L. Lévesque | CIHR | Anti-thrombotic Treatment | 2007-2009 | \$205,498 |
| L. Lévesque | CIHR | Nonsteroidal Anti-inflammatory Drugs | 2007-2009 | \$183,616 |
| L. Lévesque | ORF-RI | Pharmacoepidemiology and Economics Research Unit | 2007-2009 | \$469,508 |
| L. Lévesque | CIF-LOF | Pharmacoepidemiology and Economics Research Unit | 2007-2009 | \$469,508 |
| Grants Obtained in 2009 | | | | |
| L. Lévesque | CFI-IOF | Establishment of the Pharmacoepidemiology and Economics Research Unit | 2009-2014 | \$140,852 |
| L. Lévesque | CIHR | Cardiovascular Outcomes of Drug Treatment for Neuropathic Pain and Fibromyalgia | 2009 | \$100,000 |
| | | | | |
| TOTAL | | | | \$2,348,017 |
| Funding Applications in 2009, Status Pending Review | | | | |
| L. Lévesque | CIHR | Oral Hypoglycemic Agents and the Risk of Cancer | 2010-2012 | \$381,088 |
| L. Lévesque | CIHR | Multiple Medication Use in the Quebec Elderly and the Risk of Motor Vehicle Crash | 2010-2012 | \$323,229 |
| L. Lévesque | MOHLTC | Short Term Safety and Utilization of HPV Vaccine in Grade 8 Girls | 2010-2012 | \$218,835 |
| P Masotti | Health Canada | Smoking Cessation Interventions for Young Adults, Aged 18-25 | 2010-2011 | \$80,000 |
| | | | | |
| Funding Applications in 2009, Not Funded | | | | |
| P. Masotti | CIHR | Health Effects of Wind Turbines | 2009-2010 | \$50,000 |
| P. Masotti, K. O'Connor | CIHR | Evidence Informed Public Health Policy | 2009-2012 | \$302,692 |

Knowledge Transfer

Contributions to the Field of Public Health

To the wider public health community, knowledge translation strategies include publications in peer-reviewed journals, unpublished reports and presentations at provincial and national conferences. The following list includes publications, external reports and presentations completed in 2009 by all KFL&A Public Health staff, including those working in divisions other than Research and Education.

Publications in Peer Reviewed Journals

Blagojevic A, Delaney JAC, **Lévesque LE**, Dendukuri N, Boivin JF, Brophy JM. Investigation of an interaction between statins and clopidogrel after percutaneous coronary intervention: a cohort study. *Pharmacoepidemiol Drug Saf* 2009;18(5):362-369. (Epub Mar 2, 2009) (CIHR MOP# 77709).

Caudle JM, **van Dijk A**, Rolland E, **Moore K**. Telehealth Ontario detection of gastrointestinal illness outbreaks. *Can J Public Health* 2009;100(4):253-257.

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

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

He M, Beynon C, Sangster Bouck M, St. Onge R, **Stewart S**, Khoshaba L, et al. Impact of the northern fruit and vegetable pilot program (NFVPP): a cluster-randomized controlled-trial. *Public Health Nutr.* 2009;12(11):2199-2208.

Lipscombe LL, Gruneir A, **Lévesque LE**, Gill S, Rochon PA. Antipsychotic use and risk for hyperglycemia in elderly patients with DM – reply. *Arch Intern Med* 2009;169(22):2165-2166.

Lipscombe LL, **Lévesque LE**, Gruneir A, Fischer HD, Juurlink DN, Gill S, Herrmann N, Hux JE, Anderson GM, Rochon PA. Antipsychotic drugs and hyperglycemia in older patients with diabetes. *Arch Intern Med* 2009;169(14):1-8.

van Dijk A, Aramini J, Edge G, **Moore K**. Real-time surveillance for respiratory disease outbreaks, Ontario, Canada. *Emerg Infect Dis* 2009;15(5):799-801.

Peer-Reviewed Publications: In Press

Lévesque LE, Hanley JA, Kezouh A, Suissa S. Immortal time bias in cohort studies: an example using statins for the prevention of diabetes progression. *Br Med J* Forthcoming 2010.

Peer-Reviewed Publications: Submitted

Lévesque LE, Dell'Aniello S, Barhdadi A, Suissa S. Quantifying and correcting confounding by indication bias due to unmeasured factors: a simulation-based approach. Submitted to *Am J Epidemiol*, 2009 Dec 19.

Lipscombe LL, **Lévesque LE**, Gruneir A, Fischer HD, Juurlink DN, Gill S, Herrmann N, Hux JE, Anderson GM, Rochon PA. Antipsychotic drugs and the risk of hyperglycemia in older adults without diabetes: a population-based observational study. Submitted to *J Clin Psychiatry*, 2009 Dec 21.

Perry AG, Moore KM, Lévesque LE, Pickett W, Korenberg MJ. Forecasting emergency department visits for respiratory illness using system identification techniques in real-time syndromic surveillance systems. Submitted to *Can J Public Health*, 2009 Nov 11.

Published Abstracts

Hodgetts M, Masotti P, Smith A, O'Connor K. Are wind turbines a rural health issue? Results of a scoping review of the literature. In: *Book of Abstracts. Proceedings of Canadian Rural Health Research Society 8th Conference: Rural Life, Health, Environment – The Full Spectrum*; 2009 Oct 15-17; Kingston, ON. Kingston: Queen's University; 2009. P. 19.

Lévesque LE, Blagovic A, Etminan M, Brophy JM. Oral bisphosphonates and the risk of atrial fibrillation in a cohort of older adults. *Pharmacoepidemiol Drug Saf* 2009;18(Suppl 1):S114 (CIHR MOP #86598).

Lévesque LE, Blagovic A, Etminan M, Brophy JM. Compliance bias in a cohort of older adults treated with Oral bisphosphonates. *Pharmacoepidemiol Drug Saf* 2009;18(Suppl 1):S33 (CIHR MOP #86598).

Invited Presentations: Oral

Baldock J. Motiv8 workplace series. Ontario Public Health Association Conference 2009: Building for the Future; 2009 Nov; Toronto, ON.

Dube A. 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 ACFO Mille-Iles; 2009 Jun; Kingston, ON.

Edwards C. Alcohol & 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; 2009 Mar; Toronto, ON.

Gemmil IM. Not just for kids: How vaccines keep adults healthy too. CME Event; 2009 Feb; Kingston, ON.

Gemmil IM. H1N1 (New Variant). Family Medicine Grand Rounds; 2009 May; Kingston, ON.

Gemmil IM. New vaccines & adverse effects. CME Event; 2009 May; Kingston, ON.

Gemmil IM. Public health in Canada and Ontario. Union College Medical Students at Queen's University; 2009 Jun; Kingston, ON.

Gemmil IM. Immunization competencies. Canadian Public Health Association; 2009 Jun; Winnipeg, MB.

Gemmil IM. Ontario universal influenza immunization program. BC Immunization Forum; 2009 Jun; Vancouver, BC.

Gemmil IM. Immunization roundtable. Canadian Public Health Association; 2009 Oct; Ottawa, ON.

Kupka S, Traynor M. Strengthening public health nutrition practice in Canada: Results of the pan-Canadian consultation. Dietitians of Canada 2009 Annual Conference; 2009 Jun; Charlottetown, NS.

Lévesque LE. 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; 2009 avr; Sherbrooke, QC.

Lévesque LE. 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; 2009 avr; Sherbrooke, QC.

Lévesque LE. 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; 2009 avr; Sherbrooke, QC.

Lévesque LE. Oral bisphosphonates and the risk of atrial fibrillation in a cohort of older adults. 25th International Conference on Pharmacoepidemiology and Therapeutic Risk Management; 2009 Aug; Providence, RI.

Lévesque LE. Introduction to statistics in clinical medicine. Ontario Pharmacist Association Annual Conference 2009; 2009 Sep; Toronto, ON.

Lévesque LE. Turning challenges into opportunities: Methodologic research in drug epidemiology. Department of Community Health and Epidemiology Research in Progress; 2009 Nov; Kingston, ON.

MacPhail A. Kingston coalition for active transportation. Eastern Region Injury Network Networking Day; 2009 Oct; Kingston, ON.

Masotti P. 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; 2009 Oct; Kingston, ON.

Smith A. Motiv8 workplace series evaluation. Ontario Public Health Association Conference 2009: Building for the Future; 2009 Nov; Toronto, ON.

Taggart, S. Motiv8 initiative. Ontario Public Health Association Conference 2009: Building for the Future; 2009 Nov; Toronto, ON.

Welsh A. Women and children travel. Travel Medicine Update 2009; 2009 Nov; Toronto, ON.

Invited Presentations: Poster

Cobigo V, Ouellette-Kuntz H, Hunter D, Lévesque LE. SIPAD et évaluation des services. Colloque de la Fédération des CRDITED; 2009 mar; Montréal, QC.

Lévesque LE, Blagovic A, Etminan M, Brophy JM. Compliance bias in a cohort of older adults treated with oral bisphosphonates. International Conference on Pharmacoepidemiology and Therapeutic Risk Management; 2009 Aug; Providence, RI.

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

Smith LM, Lévesque LE. HPV vaccines: Were trials capable of detecting serious adverse events? Canadian Epidemiology and Biostatistics Student Conference; 2009 May; Ottawa, ON.

van Dijk, A. Automated mortality surveillance in South-Eastern Ontario for pandemic influenza preparedness: Rationale and methodology. International Society for Disease Surveillance Conference; 2009 Dec; Miami, FL.

van Dijk, A. Environmental heat monitoring and heat illness surveillance. International Society for Disease Surveillance Conference; 2009 Dec; Miami, FL.

Wu J, Gill S, **Lévesque LE.** Representativity of patients with atrial fibrillation in antithrombotic trials. Canadian Epidemiology and Biostatistics Student Conference; 2009 May; Ottawa, ON.

Workshops

Edwards C. Greater Kingston area Safe and Sober Community Alliance Every Drink is a Choice campaign. St. Lawrence College Resident Advisor Training; 2009 Sep; Kingston, ON.

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

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

Kempston L. Speech and language development. Better Beginnings for Kingston Children; 2009 Dec; Kingston, ON.

Melville N. Smoking Cessation. Registered Nurses' Association of Ontario Smoking Cessation Champions Workshop; 2009 Jan; Gananoque, ON.

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

Morrissey J. Promoting early literacy and language from day one. Kingston Childbirth; 2009 Nov; Kingston, ON.

Traynor M. Focus on Feedback; 2009 Sep; Kingston, ON.

Traynor M. Focus on Feedback; 2009 Nov; Kingston, ON.

Weber K. Building community partnerships. Kingston Area Association of Administrators of Volunteers; 2009 Mar; Kingston, ON.

Weber K. KFL&A public health volunteer program volunteer opportunities. Queen's University Student Education Committee; 2009 Oct; Kingston, ON.

Internal Knowledge Transfer

Staff development is an important component of Quality Assurance, and an important role for Research and Education. Research and Education coordinates a series of in-house seminars, “RED Hot Topics in Public Health”, to address current topics in public health and to present staff with the findings of in-house research projects.

RED Hot Topics in Public Health: 2009

| Presenter | TOPIC | Date |
|--|---|--------------|
| Dawn Barr | Leveraging Leadership in Public Health Middle Management | January 14 |
| Darlene Mecredy Janine Monahan Lara Paterson | Public Health and School Boards Working Together | February 11 |
| Nutrition Month Team, Registered Dietitians | Stay Active. Eat like a Champion. | March 9 |
| Dr. Bob Bowes Mary Helen Garsch | Oral Health | April 8 |
| Introduction and discussion led by Mary Jane Gordon | Where do the Children Play? (Documentary film) | May 13 |
| Jennifer Schneider | An Evaluation of the “Nutrition Tools for Schools” Program | June 10 |
| Hilary Thurston | A Feminist Investigation of Explicit and Implicit Representation on Facebook | August 18 |
| Karen Scott Marie Traynor Deb Vine | Results of Focus Groups to Assist in the Development of Motiv8 Health Promotion Messaging | September 16 |
| Dr. Paul Masotti | Are Wind Turbines a Rural Health Issue? Results of a Scoping Review of the Literature | October 14 |
| Queen’s University 405 Nursing Students | Presentations of Nursing Student Projects: <ul style="list-style-type: none"> • <i>Celebration of Dance</i> • <i>Workplace Wellness on a Budget</i> • <i>Walking to Whistler Campaign at the Walk On Sites</i> • <i>Have a Ball Together! Media Campaign</i> • <i>Developing a Training Program for Long Term Care Home Hand Hygiene Champions</i> | November 18 |
| Abby Smith | Evaluation of a Workplace Health Promotion Intervention Targeting Employees’ Health Behaviours: The Motiv8 Workplace Series | December 9 |

***Workforce Development:
Public Health Nutrition Practice Enhancement***

The development of competencies in each of the disciplines within public health, and well as the definition of practice, is of benefit both to current and future public health practitioners.

Public Health Nutrition Practice Enhancement

Description: In 2009 the Pan Canadian Task Force on Public Health Nutrition Practice completed their work to define public health nutrition practice in Canada.

Recommendations on competencies for public health nutrition practice and practice enhancement were developed and a technical report was produced. Although the work of the task Force continues to 2012, the involvement of Marie Traynor is complete.

Local Research and Education Staff: Marie Traynor

Funding: Public Health Agency of Canada

Education

Southeastern Ontario Dietetic Internship Program

KFL&A Public Health has been the sponsoring agency for the Southeastern Ontario Dietetic Internship Program since 1993. This 43-week program, accredited by Dietitians of Canada, is designed to prepare competent entry-level dietitians. Our graduates are then able to write the Registered Dietitian license exam and function effectively as part of an interdisciplinary group to optimize the nutritional status of individuals and population groups.

The Internship offers a core program that provides experience in three required areas of dietetic practice: clinical nutrition, community nutrition and nutrition management. In addition, each intern completes a consolidation experience of eight weeks in either clinical or community nutrition practice. In June 2009 six interns completed the program. In September 2009 six interns were accepted for the 2009-2010 year.

In addition to program coordination and sponsorship, KFL&A Public Health provides public health rotation experiences for some of the interns to fulfill their community nutrition requirements. This flagship program could not exist without its many internal and external partners which, in 2009, included:

Beth Armour
Bracken Health Sciences Library, Queen's University
Brockville General Hospital
Carveth Care Centre
Centre for Addiction & Mental Health, Toronto
College of Dietitians of Ontario
Country Roads Community Health Centre
Dietitians of Canada – Practice-Based Evidence in Nutrition Project (PEN)
Dietitians at Quinte Health Care Corporation
Fairmont Home, Glenburnie
Frontier College
Gateway Community Health Centre
Haliburton, Kawartha, Pine Ridge District Health Unit
Hastings and Prince Edward Counties Health Unit
Hastings Manor, Belleville
Helen Henderson Centre
Hotel Dieu Hospital
IOOF Seniors Home
KFL&A Public Health: Chronic Disease Prevention, Continuing Quality Improvement, Environmental Health, Family Health, and Public Relations
Kingston General Hospital
Kingston Regional Cancer Centre
Leeds, Grenville and Lanark District Health Unit
Lennox & Addington County General Hospital
Maple Family Health Team
Maple View Lodge, Athens

Dianne Oickle
North Kingston Community Health Centre
Northumberland Hills Hospital
Brendine Partyka
Perth and Smiths Falls District Hospital
Peterborough Family Health Team
Peterborough Regional Health Care Centre
Providence Care - Mental Health Services
Providence Care - Providence Manor
Providence Care - St. Mary's of the Lake Hospital
Queen's Clinical Education Centre
Quinte Healthcare Corporation: Belleville General, Prince Edward County Memorial
& Trenton Memorial Sites
Rideaucrest Home
Rideau Valley Diabetes Services
Ross Memorial Hospital, Lindsay
The Health Communication Unit, University of Toronto
Trillium Ridge Retirement Centre

Our heartfelt thanks are extended to these individuals and facilities.

Undergraduate and Graduate Education

KFL&A Public Health has affiliation agreements with several educational institutions, including Queen's University and St. Lawrence College, enabling it to be a teaching site for undergraduate and graduate students in a wide variety of disciplines. KFL&A Public Health staff participated in the education of students in medicine, nursing, kinesiology and health studies, and other health-related disciplines.

Supervision of Graduate Student Projects

Virginie Cobigo, PhD (Community Health and Epidemiology, Post-Doctoral Fellow, 2009). *Characteristics of the population of persons with intellectual disability and autism: Creating an understanding to prevent disability and improve services.* Supervised by Linda Lévesque and Helene Oullette-Kuntz.

Abby Smith (Kinesiology and Health Studies, MSc, 2009). *Evaluation of a pilot workplace health promotion intervention targeting employees' health behaviours: The Motiv8 Workplace Wellness Program.* Supervised by Kathleen O'Connor and Stevenson Fergus.

Moaz Choudhury (Community Health and Epidemiology, MSc, in progress). *The benefits of in-school physical activity on life satisfaction, self-rated health, academic performance and out-of-school physical activity: a Canadian study.* Supervised by Kathleen O'Connor and Ana Johnston.

Kendra Barrick, (Community Health and Epidemiology, MSc, in progress). *Compensated work-related asthma in Ontario: a data linkage analysis.* Supervised by Linda Lévesque and Diane Lougheed.

Rachael Morkem, (Community Health and Epidemiology, MSc, in progress). *Mental health related stigma and treatment disparities.* Supervised by Linda Lévesque.

Leah Smith, (Community Health & Epidemiology, MSc, in progress). *Short term safety of the HPV quadrivalent vaccine in grade 8 girls: the Ontario cohort study.* Supervised by Linda Lévesque.

Erica Walsh, (Community Health and Epidemiology, MSc., in progress). *The cardiovascular effects of breast cancer treatments.* Supervised by Linda Lévesque.

PHRED Studentship Award

An annual competition is held for the PHRED Studentship Award, valued at \$17,500 over a twelve month period. This is presented to a Master's level student who is conducting a thesis project in an area of importance and value to KFL&A Public Health. Abby Smith was the successful candidate in 2008/09 and Leah Smith in 2009/10.

Public Health Placements, and Graduate and Undergraduate Lectures

The following table summarizes the 84 student placements at KFL&A Public Health in 2009. Students came from six different post-secondary institutions and seven different disciplines.

Student Placements in 2009

| DISCIPLINE & LEVEL | DESCRIPTION | NUMBER of STUDENTS LENGTH of COURSE | |
|--|---|--|-----------------------------|
| | | Number of Students | Time |
| NURSING | | | |
| Queen's University Nursing AST 340 | Maternal, Child & Children with Health Challenges | 1 | 2 weeks; 12 hours/week |
| Queen's University Nursing 405 | Practicum in Community Health Promotion | 10 | 11 weeks; 16 hrs/week |
| Queen's University Nursing 492 | Consolidation of Nursing Care | 1 | 10 weeks; 35 hours/week |
| Queen's University Nursing AST 492 | Consolidation of Nursing Care | 1 | 10 weeks; 35 hours/week |
| Laurentian University/ St. Lawrence, Nursing 4094 | Consolidation of Nursing Care | 2 | 6 weeks; 12 hours/week |
| Laurentian University/ St. Lawrence, Nursing 4084 | Actualization of the Nurse as a Professional | 1 | 10 weeks; 20 hours/week |
| Ottawa University, Nursing 4901 | Community Health Nursing | 2 | 7 hours |
| Ottawa University, Nursing 3309 | Community Health Nursing | 4 | 5 ½ weeks, 21 hours/week |
| MEDICINE | | | |
| 2 nd Year Medicine Medical Students' Elective | An opportunity for medical students to learn about the programs and services offered at public health | 4 | 1-2 weeks; 35 hours/week |
| Queen's University Family Medicine Residents | Sexual Health Clinic; clinical experience | 50 | 8 hours |

| DISCIPLINE & LEVEL | DESCRIPTION | NUMBER of STUDENTS LENGTH of COURSE | |
|--|--|--|----------------------------|
| Queen's University Family Medicine Residents | Opportunity for medical residents to observe and assist in a variety of programs and services offered at public health | 1 | 7 weeks; 35 hours/week |
| Queen's University Community Medicine Residents | Opportunity for medical residents to observe and assist in a variety of programs and services offered at public health | 1 | 20 weeks; 35 hours/week |
| OTHER | | | |
| Graduate Dietetic Internship Program | Internship Placement | 1 | 4 weeks; 35 hours/week |
| Ryerson Environmental Health Program | Practicum | 1 | 16 weeks; 35 hours/week |
| Queen's University Teacher Consolidation Student | Alternate placement | 1 | 3 weeks; 35 hours/week |
| RNAO Fellowship | Secondary mentor to student | 1 | 7 hours |
| St. Lawrence College Medical Office Administrative Assistant | Placement | 1 | 3 weeks; 35 hours/week |
| McGill University Speech Language Pathologist | Practicum | 1 | 12 weeks; 35 hours/week |

Lectures and presentations to undergraduate and graduate students at Queen's University, St. Lawrence College and the Royal Military College are presented in the following table.

Lectures and Presentations in 2009

| DISCIPLINE & LEVEL | DESCRIPTION | NUMBER of STUDENTS LENGTH of LECTURE | |
|---------------------------|--|---|--------------|
| | | Number of Students | Time (hours) |
| QUEEN'S UNIVERSITY | | | |
| Pre-clerkship | Medical Student Orientation | 1 | 1 |
| Pre-clerkship | Medical Student Debriefing | 1 | 1 |
| Pre-clerkship | Medical Student , 2 nd year, Orientation to Public Health | 1 | 2 |
| Pre-clerkship | Medical Student , 3 rd year, Orientation to Public Health (2 lectures) | 2 | 3 |
| Medicine, Phase 2 | Elective Orientation (5 lectures) | 5 | 7 |
| Medicine, Phase 2 | Elective Debriefing (3 lectures) | 4 | 4 |
| Medicine, Phase 2 | Communicable Disease | 100 | 2 |
| Medicine, Phase 2 | Immunisation | 100 | 2 |
| Post-Grad - Medicine | Resident Orientation CMRP | 10 | 2 |
| Post-Grad - Medicine | Academic Half-Day CMRP (2 lectures) | 20 | 5 |
| Post-Grad - Medicine | Overview of Vaccines – CME | 50 | 1.5 |
| Post-Grad - Medicine | Paediatric Grand Rounds | 50 | 1 |
| Post-Grad - Medicine | Journal Club – Immunisation Competencies | 35 | 1.5 |
| Masters of Public Health | Introduction to Public Health | 18 | 3 |
| Masters of Public Health | Population-based Surveillance | 18 | 3 |
| Masters of Public Health | Health Protection: Healthy Public Policy, Legislation, Personal Skills and Health Services | 18 | 3 |
| Masters of Public Health | Health Protection; Legislation, Inspection, Personal Skills | 18 | 3 |
| Masters of Public Health | Health Promotion: Healthy Public Policy, Legislation and Fiscal Measures | 18 | 3 |

| DISCIPLINE & LEVEL | DESCRIPTION | NUMBER of STUDENTS LENGTH of LECTURE | |
|--|---|---|-----|
| Masters of Public Health | Health Promotion: Supportive Environments, Organizational Change, Community Action, Coalitions and Advocacy | 18 | 3 |
| Masters of Public Health | Health Promotion: Personal Skills, Self-Help and Health Education | 18 | 2 |
| Masters of Public Health | Investigation of Threats to Public Health | 18 | 3 |
| Masters of Public Health | Emergency Preparedness | 18 | 3 |
| Masters of Science | Health Policy Course | 25 | 1 |
| Nursing, 1 st year | Youth Engagement in Public Health | 80 | 1 |
| Nursing, 1 st year | Communicable Diseases | 120 | 1 |
| Nursing, 3 rd year | Public Health Supports Families in the Community (2 lectures) | 95 | 3 |
| Nursing, 3 rd year | Orientation to Public Health | 1 | 2 |
| Nursing, 4 th year | Orientation to Public Health (2 lectures) | 12 | 4 |
| Nursing, 4 th year | Communicable Disease – Pandemic Planning | 80 | 1.5 |
| Nursing, 4 th year | Behaviour Change and Motiv8 Program | 97 | .5 |
| Nursing, 4 th year | Present with Pizzazz | 4 | 3.5 |
| Kinesiology & Health Studies, 3 rd year | Physical Determinants of Health | 275 | 1 |
| Kinesiology & Health Studies, all years | Career Path of Health Promoter | 40 | 1 |
| Kinesiology & Health Studies, 3 rd year | Motiv8 | 60 | .5 |
| Kinesiology & Health Studies, 3 rd year | Motivational Interviewing in a Practical Setting | 200 | 1 |
| Life Sciences, 2 nd year | Careers in Public Health | 1 | 1.5 |
| Health Sciences, 1 st year | Communicable Diseases | 275 | 1 |
| Health Sciences, 1 st year | Addictions | 300 | 1 |
| Masters of Policy Studies, 1 st year | HR Planning: Is There a Role for Unions? | 20 | 2 |
| Education, Final year | Orientation to Public Health | 1 | 2 |
| Education, Final year | Public Health Programs and Resources for Teachers | 28 | 1 |
| | | | |

| DISCIPLINE & LEVEL | DESCRIPTION | NUMBER of STUDENTS LENGTH of LECTURE | |
|---|--|---|-----|
| MCGILL UNIVERSITY | | | |
| Speech Language Pathology, final year | Orientation to Public Health | 1 | 2 |
| OTTAWA UNIVERSITY | | | |
| Nursing, 4th year | Orientation to Public Health | 4 | 2 |
| ROYAL MILITARY COLLEGE KINGSTON | | | |
| Graduate -Engineering | Chemicals in the Environment | 13 | 1 |
| ST. LAWRENCE COLLEGE | | | |
| Nursing, RPN | Smoking Cessation – Support and Education | 40 | 1.5 |
| Nursing, 4 th year | Orientation to Public Health | 3 | 4 |
| Nursing, 4 th year | Present with Pizzazz | 2 | 3.5 |
| Early Childhood Education, 1 st year | Oral Health and Dental Neglect (2 lectures) | 42 | 2 |
| Early Childhood Education, 2 nd year | Communication in Young Children; Communicating with Children with Exceptionalities (2 lectures) | 40 | 2 |
| Social Service Workers, 1 st year | Routine Precaution Workshop (2 lectures) | 59 | 3 |
| Wind Turbine Technician, 1 st year | Health Effects of Wind Turbines | 30 | 1 |
| Medical Office Administrative Assistant | Orientation to Public Health | 1 | 2 |
| Information Management System Program, 1 st year | Medical Archivist | 35 | 2 |
| Chef Course | Safe Food Handling MOHLTC Certificate Course | 48 | 7 |
| Hospitality Course | Safe Food Handling MOHLTC Certificate Course | 49 | 7 |
| Culinary Arts | Environmental Concerns | 40 | 1 |
| LIAISON COLLEGE, SCHOOL OF CULINARY ARTS | | | |
| Chef training | Safe Food Handling MOHLTC Certificate Course (3 lectures) | 33 | 21 |

| DISCIPLINE & LEVEL | DESCRIPTION | NUMBER of STUDENTS LENGTH of LECTURE | |
|---------------------------------------|--|---|-----|
| LIMESTONE CONTINUING EDUCATION | | | |
| Personal Support Worker | Safe Food Handling MOHLTC Certificate Course (3 lectures) | 24 | 7 |
| LOYOLA CONTINUING EDUCATION | | | |
| Personal Support Worker | Safe Food Handling MOHLTC Certificate Course | 94 | 7 |
| KFL&A PUBLIC HEALTH | | | |
| Dietetic Internship Program | Breastfeeding Basics | 6 | 2 |
| Dietetic Internship Program | Orientation to Public Health, Internship Manual (3 lectures) | 18 | 7 |
| Dietetic Internship Program | Email Accounts and IT system orientation | 6 | 2 |
| Dietetic Internship Program | Food-borne Illness and Hazard Analysis and Critical Control Point (HACCP) Principles | 6 | 1.5 |
| Dietetic Internship Program | Media Workshop | 6 | 3 |
| Dietetic Internship Program | Privacy Legislation | 6 | 1.5 |
| Dietetic Internship Program | Orientation to Library Services and the Virtual Library | 6 | 2.5 |
| Dietetic Internship Program | Presenting with Pizzazz | 6 | 3 |
| Dietetic Internship Program | Financial and Personnel Planning for the Major Project | 6 | 1.5 |
| Dietetic Internship Program | Resource Centre, Mask Fitting and Immunization support | 6 | 4 |

Courses Taught in 2009

| DISCIPLINE & LEVEL | DESCRIPTION | NUMBER of STUDENTS LENGTH of COURSE | |
|---------------------------|--|--|-------------------|
| | | Number of Students | Length (hours) |
| QUEEN'S UNIVERSITY | | | |
| Medicine, Phase 1B | Introduction to Clinical Epidemiology | 101 | 11 hours |
| Medicine, Term 1 | Critical Appraisal, Research & Learning | 100 | 12 |
| Medicine, Phase 2A | Critical Appraisal | 101 | 1 |
| Medicine Phase 2A | Critical Appraisal Tutorials | 10 | 10 hours |
| Masters in Public Health | Foundations of Public Health Practice Course Coordination | 18 | 39 |

Preceptor Education

As part of their commitment to providing the best possible experience for students and the best possible environment for learning, KFL&A Public Health staff were involved in developing a comprehensive resource kits for preceptors:

Enhancing Your Preceptor Practice: Workshop Reach and Teach Kits.

Description: This project developed four workshop modules to be used for preceptor education: Critical Thinking, Conflict, Constructive Feedback and Culture and Diversity.

Investigators: London PHRED and PHRED Connection

Local KFL&A Public Health Staff: Cheri O'Dette; reviewed by Kathleen O'Connor

Funding: Internal

RESEARCH and EDUCATION

Staff

2009

| | |
|---------------------------------------|-----------------------|
| Danielle Amey, BHSc | Research Assistant |
| Alex Perry BSc, MSc, MSc | Senior Analyst |
| Anna Blagojevic, BSc, MSc | Research Associate |
| Gail Brierley | Program Assistant |
| Matt Hodgetts, B.A. | Research Assistant |
| Michelle Hogan | Research Assistant |
| Linda Lévesque, BScPhm, MSc, PhD | Research Scientist |
| Paul Masotti, PhD, MS. HSA, BPHE, BA | Research Associate |
| Daphne Mayer, MPH | Research Officer |
| Stephen Matemaba, DDS, MSc., MPH, Dip | Research Associate |
| Caulette McBride, BNSc | Education Coordinator |
| Maria Nasr | Research Assistant |
| Kathleen O'Connor, PhD | Director |
| Karen Scott, MSc | Research Associate |
| Suzanne Sinclair, MSc | Epidemiologist |
| Marie Traynor, MSc, PHEc, RD | Research Associate |

KFL&A Public Health
221 Portsmouth Avenue
Kingston, ON K7M 1V5
Tel. 613-549-1232
1-800-267-7875
Fax 613-549-7896

www.kflapublichealth.ca