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PARTNERS FOR HEALTH

Santé  
Publique  
Ontario

PARTENAIRES POUR LA SANTÉ

# OAHP Update

Presentation to ANDSOOHA AGM  
March 30, 2011

## Outline

- Overview of OAHPP
- Selection of recent accomplishments and upcoming activities
- Services available to health units
- Opportunities for collaboration
- Your interests:
  - Science agenda and public health nursing
  - Research priorities and link with public health nursing
  - Professional practice priorities and link with public health nursing
  - PHRED functions and support for the foundational standard
  - Ethics committee process

## Legislated objects under the *Ontario Agency for Health Protection and Promotion Act, 2007*

- Scientific and technical advice
- Knowledge, best practices, research
- Policy development
- Data development, collection, use and analysis
- Public health research
- Professional development and education
- Laboratory services
- Bridge infection control and occupational health and safety

**Enhance the protection and promotion of the health of Ontarians and to contribute to efforts to reduce health inequities**

## Vision

We will be an internationally recognized centre of expertise dedicated to protecting and promoting the health of all Ontarians through the application and advancement of science and knowledge.

## Mission

We are accountable to support health-care providers, the public health system and partner ministries in making informed decisions and taking informed action to improve the health and security of all Ontarians, through the transparent and timely provision of credible scientific advice and practical tools.

## Mandate

To provide scientific and technical advice for those working to protect and promote the health of Ontarians.

## Values

- Credible
- Responsive
- Relevant
- Innovative
- Collaborative
- Balanced

2010–13  
STRATEGIC PLAN



## What we do:

1. Better information for better public health decisions and actions
2. Generate and accelerate application of knowledge for better public health decisions and actions
3. Support the Ontario public health system in its daily business and enhance capacity in emergencies



## OAHP Public Health Programs

Infectious disease prevention and control	Health promotion, chronic disease and injury prevention	Public health laboratories	Environmental and occupational health
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## OAHP Cross-cutting Functions

Surveillance and epidemiology
Emergency management and support
Knowledge exchange and communications
Professional development and education
Partnerships and stakeholder relations

## OAHP Corporate Functions

Human resources, legal counsel, IT, finance, facilities
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# **OAHP Public Health Program Activities: Public Health Laboratories**



## OAHP Lab Renewal

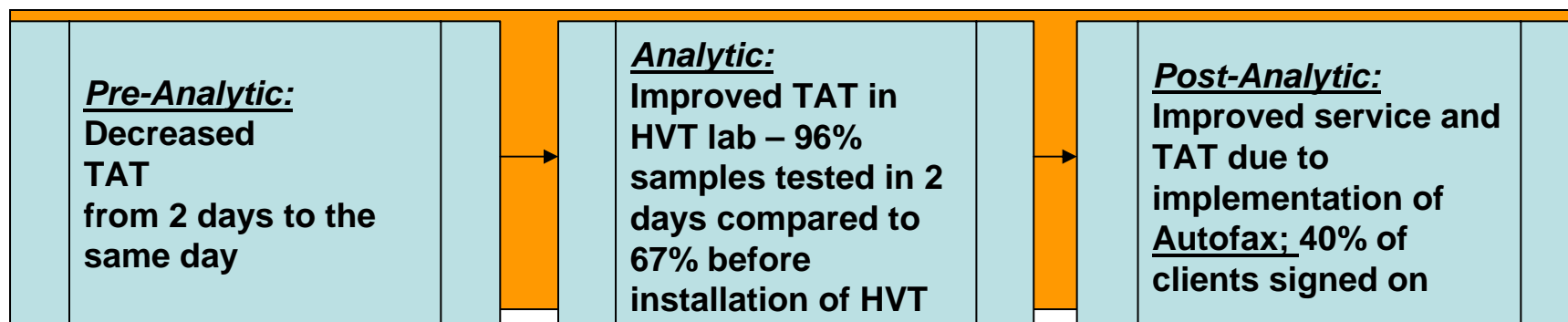
Three-year project with five overarching goals:

1. Refine and **modernize our laboratory test menus** and improve test **turnaround times**, allowing us to cost-effectively provide more timely, credible and relevant information
2. Transition our laboratories from a data producer to a trusted and **respected knowledge producer**
3. Allow us to undertake **advanced analysis**, research and surveillance activities and to innovate
4. Improve our **surge capacity** so that we can better deal with outbreaks
5. Help us to continue to **respond to emerging** public health needs.

# Lab Renewal Update

## Improved Effectiveness & Efficiency

High Volume Testing (HVT) established- key performance improvements realized



Customer service centre established with:

- Extended hours of service 7:15 am to 7:15pm and on-call
- Single toll-free number
- Immediate access to technical and escalation to medical staff
- Outreach and outbreak communication improvements



# Infectious Disease Surveillance in the 21<sup>st</sup> Century

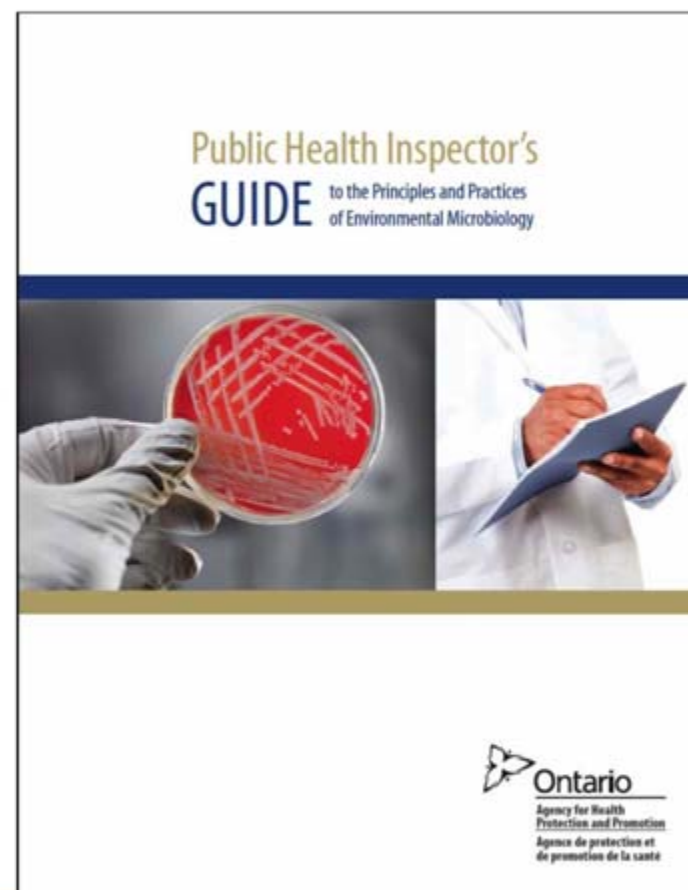
## Surveillance Activities

- Genotyping and GIS mapping for infectious pathogens e.g. TB, enteric pathogens, STI
- Enhanced identification of infectious pathogen transmission
- Lab becomes a proactive partner in case investigations
- There's an “app” for that!



# Public Health Inspector's Guide to the Principles and Practices of Environmental Microbiology

- Released in 2010
- Focus on the use and interpretation of microbiological lab services to support food outbreak investigations and environmental testing concerns
- Extensive stakeholder participation (e.g. 36 PHUs, CIPHI, ASPHEO, MOHLTC)



# **OAHP Public Health Program Activities: Infectious Disease Prevention and Control**

## Infection Control Response Team (ICRTs)

- Strategically deployed teams that assess and assist in hospital outbreak management.
- ICRTs generally perform site visits; however, phone consultation prior to or in place of a site visit may also occur.
- ICRTs write a standardized report within a given timeline, clearly outlining and providing a rationale for recommendation
- An ICRT can be activated through one of two mechanisms.
  - A hospital may contact the OAHPP and request outbreak assistance
  - Local Medical Officer of Health (MOH) may ask the Chief Medical Officer of Health (CMOH) to request assistance from the Agency.
  - In each case the Agency will review the request and preliminary data from the hospital and determine the need for an ICRT.

# Infection Prevention and Control Core Competencies Program

- Initial set of three modules created in 2007
- Program responsibility transferred to OAHPP in 2010
- External evaluation and usability testing done on existing models
  - Recommendations received in late fall 2010
- Advisory committee created to review and advise on program priorities and content
- Working group developing new module on Routine Practices with revised format and approach that responds to evaluation results



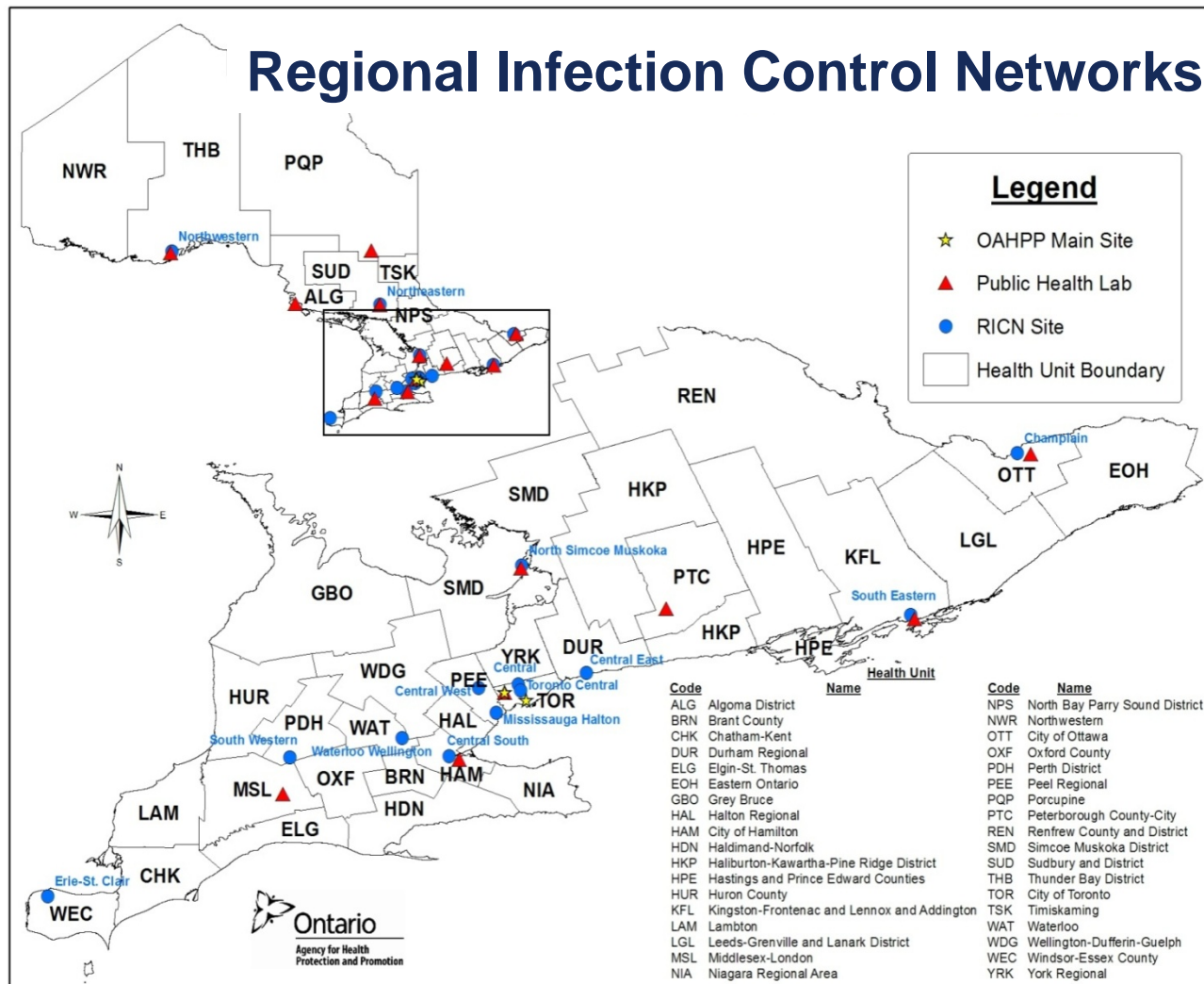
- 14 RICNs in Ontario that mirror the LHIN boundaries

- Focus on linkages/education/ support amongst acute care, LTC, public health, primary care, community care, EMS, etc.

- Work to improve communication and data sharing, increase access to scarce expert resources, alignment of IP&C policies and procedures

- Transferred to Agency as of July 1, 2010

## Regional Infection Control Networks





## **RICNs: Major Projects 2011**

- **Environmental Cleaning Toolkit**
  - PIDAC Best Practice Document released
  - RICNs created toolkit to assist institutions with implementation
  - Continuing to support roll-out via videoconferences and discussion groups
- **Just Clean Your Hands in LTCH**
  - Funding approved end of December 2010
  - Implementing program in condensed time frame
  - Goal to provide on-site support to LTCH to implement the JCYH program and to understand the auditing process

# **OAHPP Public Health Program Activities: Environmental and Occupational Health**

## Environmental Assessment Equipment

- Purchased 19 different environmental assessment instruments and equipment
- Instruments and equipment will allow PHUs to take a proactive role in the identification and investigation of poor air quality
- OAHPP will log the results into a province wide information system to identify trends
- Instruments and equipment:
  - Kept at the Central PHL – 81 Resources Rd.
  - Available for use by all PHUs – no charge for equipment, but PHUs have to pick up cost of consumables
  - If PHU staff are knowledgeable in use, can borrow, otherwise OAHPP staff may be able to provide field assistance
  - Fact sheets are being prepared and will be posted on OAHPP website
  - Training and workshops will be offered

For instrument requests, please contact:

Dianne San Juan, Environmental Health Analyst: 647 260-7112 or [Dianne.Sanjuan@oahpp.ca](mailto:Dianne.Sanjuan@oahpp.ca)

Dru Sahai, Environmental Science Specialist: 647 260-7784 or [Dru.Sahai@oahpp.ca](mailto:Dru.Sahai@oahpp.ca)

## Workshops

### Indoor Air Quality Workshop – In Partnership with CIPHI

- 1 central and 3 regional
- The first one will be held centrally on April 5 at the Western Hotel downtown Toronto, the day before to the Ontario Public Health Convention
- Location and times of the Regional workshop still to be worked out

### Risk Communications Workshop

- Dr. Peter Sandman, renowned expert in risk communication
- Held February 28 – March 2, 2011

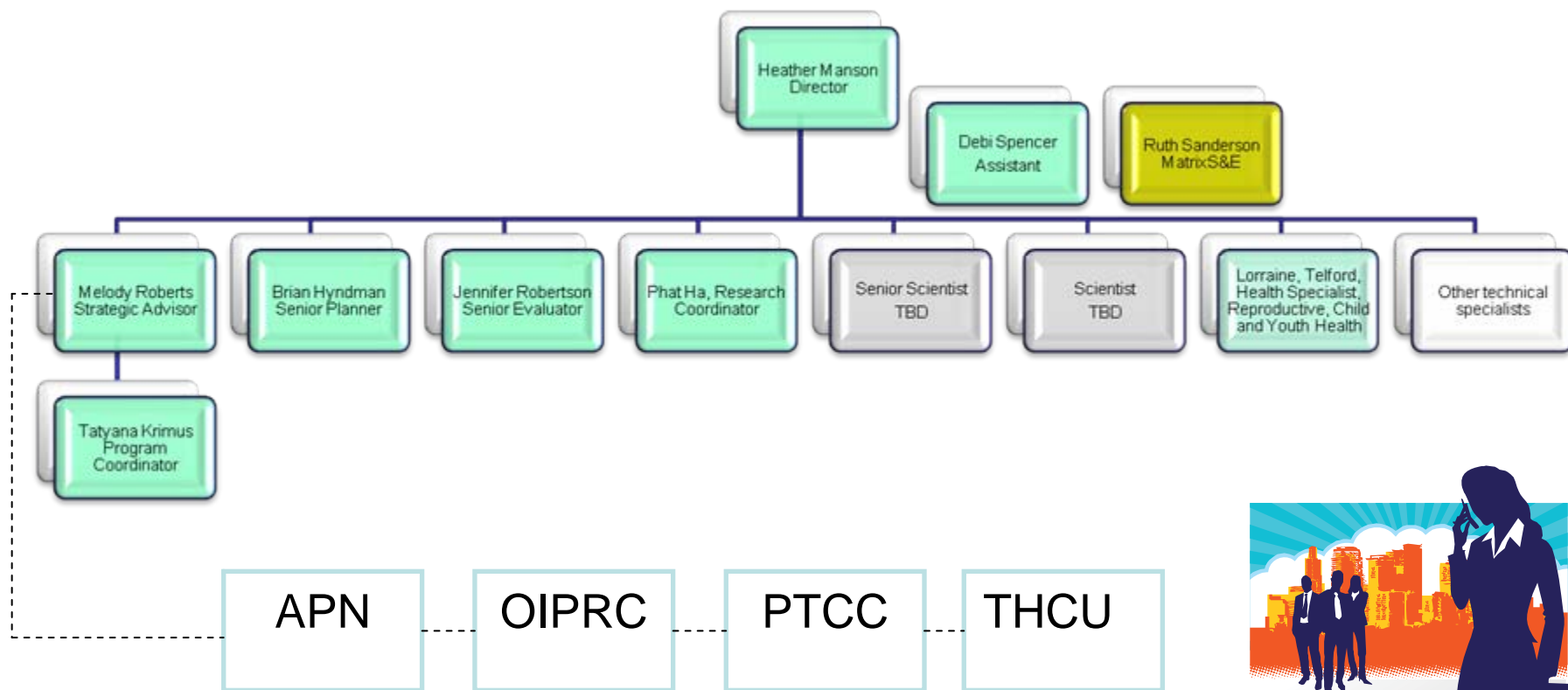
# **OAHP Public Health Program Activities: Health Promotion, Chronic Disease and Injury Prevention**

# Health Promotion Chronic Disease and Injury Prevention (HPCDIP) Section

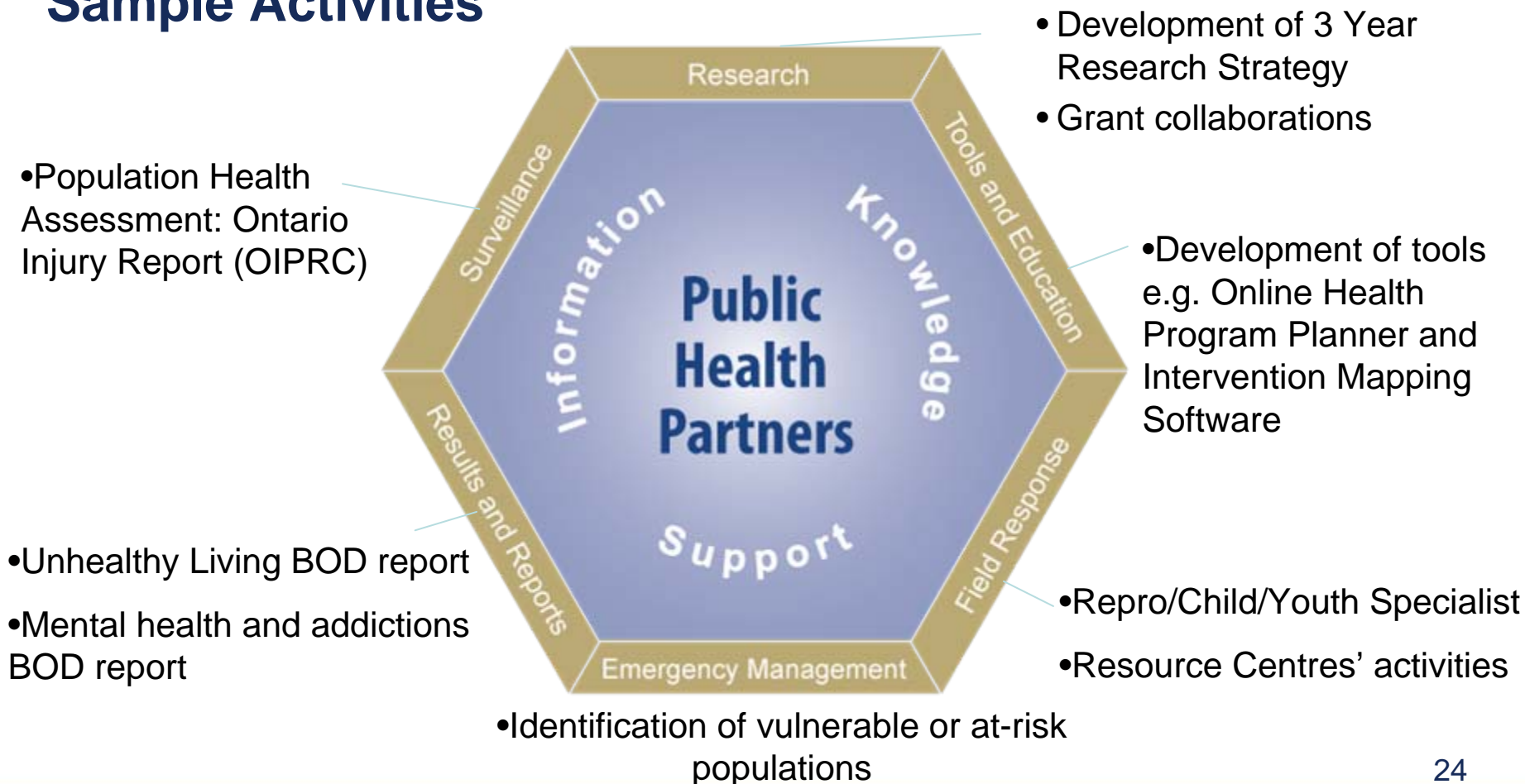
- Scientific and Technical Support
- Collaboration with our Public Health Partners



# HPCDIP Team



# Health Promotion, Chronic Disease, Injury Prevention: Sample Activities





# Recent Products



## A REVIEW OF WORKPLACE AND COMMUNITY INTERVENTIONS FOR ADULTS:

EFFECTS ON PHYSICAL ACTIVITY, EATING BEHAVIOURS  
AND BODY WEIGHT – RISK FACTORS FOR DIABETES



HEALTH PROMOTION,  
CHRONIC DISEASE PREVENTION  
AND INJURY PREVENTION

## Bicycle Safety Webinar



 Ontario Injury Prevention  
Resource Centre

## Evidence to Guide Action:

Comprehensive Tobacco  
Control in Ontario

Smoke-Free Ontario  
Scientific Advisory Committee  
2010

Ontario Agency for Health Protection & Promotion | Program Training & Consultation Centre

## Sodium Reduction as a Public Health Strategy

delivered by:



www.oahpp.ca

www.pico-cpc.on.ca

# Reports In Progress and Upcoming KE events

- Reports
  - Review of Workplace and Community Interventions for Adults
    - Effects on Physical Activity, Eating Behaviors and BMI – Risk Factors for Diabetes
  - Population Interventions for the Prevention of Late Preterm Birth
    - Literature review and synthesis
  - Burden of Disease reports
    - Mental Health and Addictions BOD (2012)
    - Unhealthy Living BOD (2012)
- Recent and Upcoming KE Events
  - **February:** Youth Health Excel Ontario: 2-day event on minimum dataset in youth health, in collaboration with Propel Centre for Population Health Impact
  - **March:** *Evidence to Guide Action:* 2-day KE event for local tobacco control practitioners, in collaboration with Program Training and Consultation Centre (PTCC)
  - **April:** Equity workshop and tobacco control panel discussion (TOPHC)
  - **Pending:** Stakeholder meetings re: Review of Workplace and Community Interventions for Adults (above), intervention mapping, summit on sodium reduction strategies (as partner)

## Health Equity (OAHPP Cross-Cutting Priority)

- OAHPP Equity Assessment Tool for Public Health Units
  - Plan to pilot in 2011/12
- OAHPP Equity Action Plan
  - Formation of OAHPP Equity Committee
- Evidence to Guide Action: Smoke-Free Ontario (SFO) KE Forum
  - Presentation of Equity Framework to local tobacco control practitioners
- TOPHC: Pre-conference session on Social Determinants of Health and Equity April, 2011

## HPCDIP Priorities for 2011-12: Core Business - 1

- Build the Foundation
  - Add capacity to HPCDIP through key hires
- Build our Partnerships
  - Engage and consult with local public health, ministries, academic partners, others
    - e.g., Reproductive/child/youth health specialist to engage with PH partners
  - Broker engagement to facilitate the flow of knowledge and information between partners
- Provide best practice advice and support to our public health partners
  - Provide evidence syntheses and reviews in key topic areas
  - Related tools, training and other knowledge products and support
- Continue momentum in tobacco control implementation support
  - Provide ongoing support for implementation of the recommendations of the SFO Scientific Advisory Committee report and renewal of SFO/New Directions

## HPCDIP Priorities for 2011-12: Core Business - 2

- Deliver key population health reports
  - Mental Health and Addictions and Unhealthy Living Burden of Disease reports, including knowledge brokering with PH partners
  - Complete Ontario Injury Report (with Ontario Injury Prevention Resource Centre)
- Build HPCDIP research capacity and expertise
  - Complete key hires – Senior scientist, scientist, research assistants
  - Develop and Implement 3-Year (2011-14) HPCDIP Research Strategy, focused on intervention, capacity building and equity-related research
  - Support a limited number of partner-relevant research initiatives & analytical studies
- Evaluate the capacity-building functions of OAHPP Health Promotion Resource Centres
  - Alcohol Policy Network, Ontario Injury Prevention Resource Centre (OIRPC)
  - THCU and Program training and Consultation Center (PTCC)

## HPCDIP Priorities for 2011-12: Core Business - 3

- Transition The Health Communication Unit (THCU) functions to OAHPP
  - Continue the provision of health promotion field support in the areas of health promotion program planning, policy change, health communication, evaluation and sustainability
  - Continue the expansion and refinement of Online Health Program Planner and Intervention Mapping Software
- Training and professional development
  - Continue to build training and professional development opportunities within HPCDIP
  - Continue student practicum and community medicine resident programs

# Collaboration and Engagement with Public Health Nursing

- Support the RNAO Public Health Nursing Education Workgroup in planning professional development for nurses
- Support the CIHR-PHSI Grant Application for Nursing Leadership Development
- Participate on the Review Panel RNAO Best Practice Guideline *Primary Prevention of Obesity in Children*
- Discussion Paper dissemination and engagement by Reproductive, Child and Youth Health Specialist to identify priority needs for data and information, knowledge, and support



## **OAHPP supports ANDSOOHA's mission *to promote excellence in public health nursing administration and practice in partnership....***

- Research support (e.g. initiating research, connecting academic leaders to practice, supporting implementation evaluation)
- Surveillance expertise (e.g. analyses of related data)
- Literature, system and policy reviews and analyses
- Training support (for example, in partnership with Resource Centres)



# **OAHPH Activities from the Cross-Cutting Functions**

# Responsiveness to Current Issues

Over the summer there were parental concerns about WIFI in schools

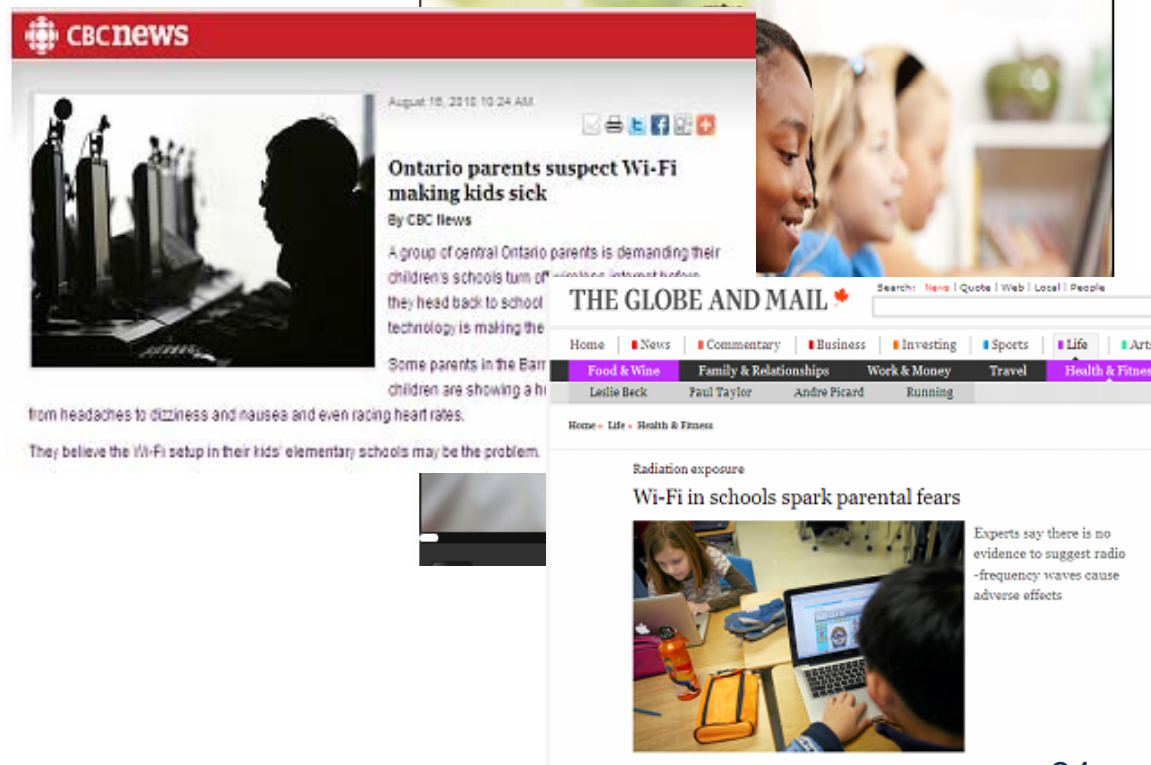
On Sept. 16, 2010, the Ontario Agency for Health Protection and Promotion (OAHPP) released an evidence-based, scientific review about wireless Internet technology (Wi-Fi) and its health outcomes.

Our review was submitted to the Chief Medical Officer of Health and made public.

## Wi-Fi: Should we be worried?

September 8, 2010 5:43 PM |

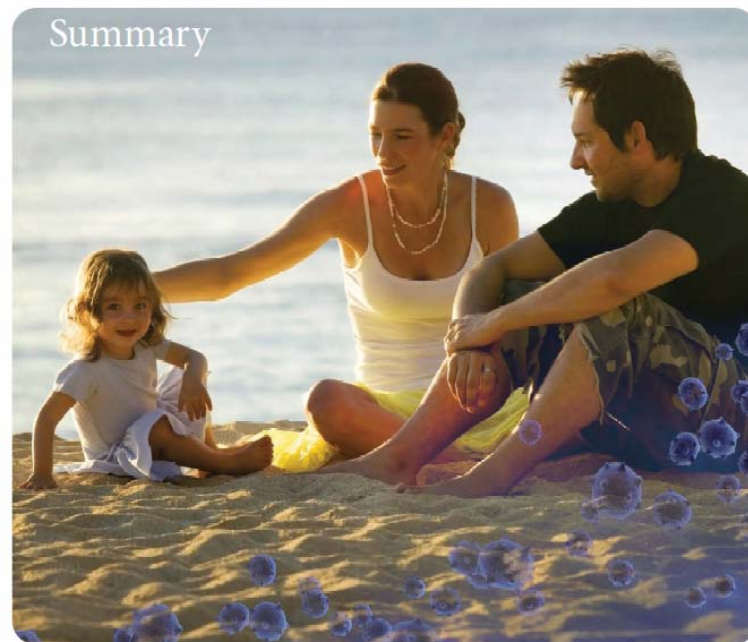
By Bonnie Brown



- Report released by OAHPP and ICES December 2010
- Most comprehensive review of the burden of infectious disease in Ontario to date
- Reviews data on 51 different infectious diseases to determine their impact on the life and health of Ontarians
  - 10 most burdensome infectious diseases in Ontario
- Nearly 5,000 Ontarians die from infectious diseases every year
- Visit [www.oahpp.ca](http://www.oahpp.ca) for report

## Ontario Burden of **INFECTIOUS DISEASE** Study

### Summary



AN OAHPP/ICES REPORT – DECEMBER 2010

**ICES** Institute for Clinical  
Evaluative Sciences

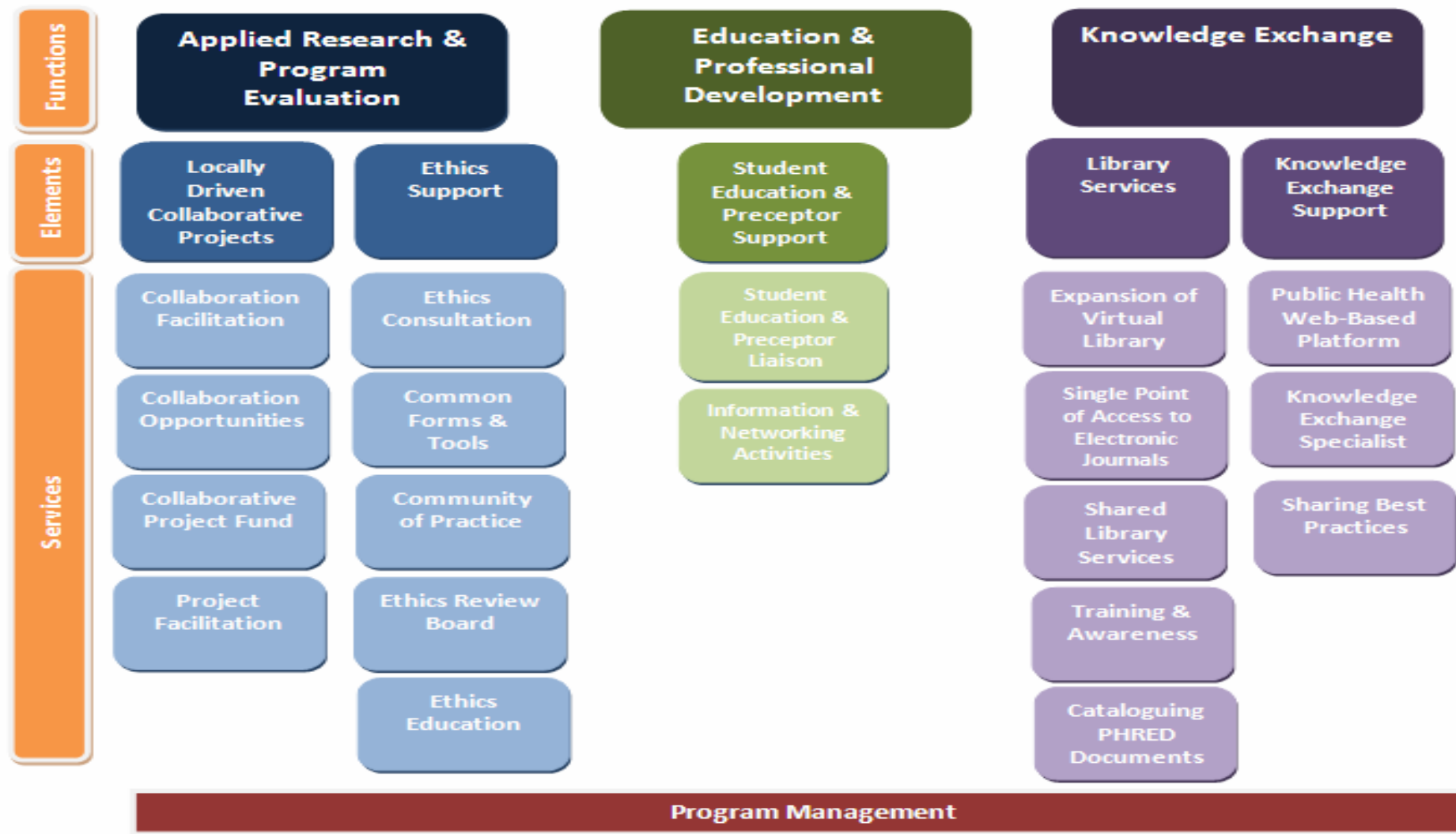
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Agency for Health  
Protection and Promotion  
Agence de protection et  
de promotion de la santé

## Collaboration

- The Ontario Health Study (OHS) will enrol thousands of Ontarians to examine over decades the impacts of genetic susceptibility, environment, social and other factors on population health outcomes.
- OAHPP is one of many organizations participating in the study, including Cancer Care Ontario, the Ontario Institute for Cancer Research, the Canadian Partnership against Cancer and the Canadian Cancer Society.



## New Program Model For Supporting Applied Research and Program Evaluation, Education and Professional Development, and Knowledge Exchange



## Opportunities to Participate in the Program Design and Implementation

Library Services	Knowledge Exchange Support	Locally Driven Collaborative Projects	Ethics Support	Student Education and Preceptor Support
<ul style="list-style-type: none"> <li>• Contribute to the design and completion of an environmental scan</li> <li>• Participate in a working group that helps shape the shared library services partnership model</li> <li>• Join the shared library services partnership as a service provider</li> </ul>	<ul style="list-style-type: none"> <li>• Provide OPHA and alPHA, who will be coordinating and playing a leading role in the planning of the public health web-based platform, with your needs, priorities, and ideas</li> <li>• Identify mechanisms for sharing best practices</li> </ul>	<ul style="list-style-type: none"> <li>• Participate in a working group to help develop a framework for identifying themes, tools and processes</li> <li>• Attend collaboration sessions</li> <li>• Submit an application with a team of colleagues from different organizations</li> </ul>	<ul style="list-style-type: none"> <li>• Participate in a focus group to identify ethics support needs</li> <li>• Participate in a working group to help guide the development of ethics tools and resources</li> <li>• One-year secondment to assist in implementation of the ethics services</li> </ul>	<ul style="list-style-type: none"> <li>• Identify needs related to student placements and preceptor support</li> <li>• Provide lessons learned and resources from own health unit</li> <li>• Participate in the information and networking activities (e.g. join the community of practice)</li> </ul>




# TOPHC Joint Convention April 5-8, 2011 Toronto



- Inaugural event co-hosted in partnership between OAHPP, aPHa, OHPA
  - Theme: Exchanging evidence, ideas and technology
  - Signature convention for advancing public health in Ontario
  - Focus on training and skills development, opportunities for collaboration, networking, and the sharing of the latest scientific knowledge and best practices
- 3<sup>rd</sup> annual Sheela Basrur Centre Symposium to be held conjointly
- Professional associations meetings in advance of convention
- All front-line public health professionals, such as health promoters, epidemiologists, public health nurses, physicians, researchers, policy-makers and other groups invited to register
- Visit [www.tophc.ca](http://www.tophc.ca) for more information and to register

# OAHPP Rounds: Every Other Tuesday



**Calendar**

**L'Agence ontarienne de protection et de promotion de la santé**

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About us » Calendar

- | + Français

**Events**

Here is a list of our upcoming events:

January 2011							February 2011							March 2011						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
						1	30	31	1	2	3	4	5			1	2	3	4	5
2	3	4	5	6	7	8	6	7	8	9	10	11	12	6	7	8	9	10	11	12
9	10	11	12	13	14	15	13	14	15	16	17	18	19	13	14	15	16	17	18	19
16	17	18	19	20	21	22	20	21	22	23	24	25	26	20	21	22	23	24	25	26
23	24	25	26	27	28	29	27	28						27	28	29	30	31		

Date	Event
January 25, 2011	OAHPP Rounds "Shelley Deeks and Sarah Wilson: HPV Process Evaluation"
February 8, 2011	Visiting Speaker: Lyle Palmer "Ontario Health Study"
February 22, 2011	OAHPP Rounds- "Dr. Kieran Moore: Public Health Informatics Applications in Ontario"
February 28 - March 2, 2011	Risk communication workshop
March 8, 2011	OAHPP Rounds
March 22, 2011	OAHPP Rounds
April 5, 2011	Indoor Air Quality (IAQ) and Instrumentation Workshop
April 5-8, 2011	The Ontario Public Health Convention (TOPHC)
April 19, 2011	OAHPP Rounds

We encourage and welcome organizations to partner with us on professional development and education activities. Please contact us at [learning@oahpp.ca](mailto:learning@oahpp.ca).



## Stay informed

Ontario Agency for Health Protection and Promotion



OAHPP Bulletin - Fall 2010

L'Agence ontarienne de protection et de promotion de la santé

Focus on health



### Your health: Wi-Fi safety

OAHPP environmental experts conclude there is no indication that current public exposure to wireless Internet (Wi-Fi) is causing adverse effects on health. "Recently published research shows that Wi-Fi exposure is well within recommended limits and represents less than one per cent of what is received during other radiofrequency exposures such as typical cellphone use," says Dr. Ray Copes, director of Environment and Occupational Health at OAHPP.

[Read more](#)

### Events

Oct. 27, 2010  
The effect of media messages on the intention to vaccinate for pandemic H1N1

Nov. 23, 2010  
The economics of tobacco control in Ontario

Apr. 5-8, 2010  
Save the date!  
We are working with the Ontario Public Health Association and the Association of Local Public Health Agencies to plan a unique public health conference

### News



### Welcoming two new infection prevention and control programs

OAHPP's newest additions – the Regional Infection Control Networks and the Infection Prevention and Control Core Competencies – will focus on standardizing and improving infection prevention and control practices in Ontario.

[Read more](#)



### Renewing our public health laboratories to serve you better

A multi-year project to strengthen Ontario's public health laboratories and enhance our service to the community is underway with the launch of a new customer service centre.

[Read more](#)



### On-request support for environmental testing now available

Leading-edge tools and training to measure environmental hazards, such as air pollution, indoor air quality, and noise pollution, are now available to public health units.

[Read more](#)

Ontario Agency for Health Protection and Promotion



## Environmental and occupational health

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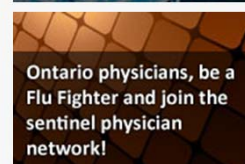
## The Ontario Agency for Health Protection and Promotion

The Ontario Agency for Health Protection and Promotion (OAHPP) is dedicated to protecting and promoting the health of all Ontarians.

[Learn more...](#)



Renewal of the  
OAHPP Public Health  
Laboratories



Ontario physicians, be a  
Flu Fighter and join the  
sentinel physician  
network!

### What's new?

[See all news](#)

Renewing our public health laboratories to serve you

### Events

[See all events](#)

• October 27, 2010 - Research Rounds: "The Effect of Media

[www.oahpp.ca](http://www.oahpp.ca)

**OAHPP Bulletin**  
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[info@oahpp.ca](mailto:info@oahpp.ca)

## Opportunities for Collaboration

- How can OAHPP be responsive to your Health Unit?
  - Your priorities and preferred means of interaction
- What could OAHPP contribute to the implementation and renewal of the Ontario Public Health Standards?
- What kind of partnerships do you see developing between OAHPP and public health units/professionals?
  - Best ways to engage?