



## 2010-2011 Annual Report

**Knowledge that's contagious!**

## Message from the Scientific Director



The National Collaborating Centre for Infectious Diseases (NCCID) is one of six National Collaborating Centres established to improve the use of scientific research and other knowledge to strengthen public health practice and policy in Canada. The six centres that comprise the National Collaborating Centres for Public Health (NCCPH) are funded by the Public Health Agency of Canada (PHAC) and work collaboratively on many issues. Each of the individual centres focuses on a different area of public health.

Thanks to a five-year \$7.5 million funding agreement between our host organization, the International Centre for Infectious Diseases (ICID), and PHAC, NCCID will continue keeping Canadian public health practitioners up to date on infectious disease research and knowledge. We are grateful for this renewed commitment.

Early in the fiscal year 2010-2011 we prepared to host the fifth annual NCCPH Summer Institute in Winnipeg. The bilingual event was held June 28-30, 2010 and included 194 in-person participants and a number of additional participants via live webcast. Sessions were recorded and posted online for post-event viewing. As hosts, NCCID chaired the planning committee and was responsible for planning much of the logistics of the event, which was held at the Fort Garry Hotel in downtown Winnipeg.

You'll see in this annual report that the year continued to be productive for NCCID as we engaged with public health professionals across Canada and augmented our publication base. This report and all of our publications are available online at [nccid.ca](http://nccid.ca).

Sincerely,

A handwritten signature in black ink that reads "M Fast". The signature is fluid and cursive, with a long horizontal stroke extending from the end.

Margaret Fast, MD, FRCPC

# Projects, Partnerships and Publications....

## Community-Acquired

### Antimicrobial Resistance (caAMR)

In consultation with an expert advisory group, NCCID is involved in numerous activities to help address the burden of AMR in communities. The majority of these activities stemmed from two consultations NCCID hosted in 2008 and early 2010, where the need to consolidate evidence and provide practical information for human and animal health practitioners was identified. Comprehensive reviews were commissioned and developed to inform both practitioners and policy makers.

Executive summaries of the comprehensive reviews and an introduction by NCCID were also published in the 2010 fall edition of the *Canadian Journal for Infectious Diseases and Medical Microbiology*.

## Notifiable Disease Database

In early 2010, NCCID began work on an inventory of notifiable diseases in Canada that could be caused by waterborne organisms. This work identified a lack of compiled information on federal, provincial and territorial reporting requirements for notifiable diseases. As a result, NCCID is developing a searchable public database that will provide information on what needs to be reported in each jurisdiction, how the information must be reported to authorities, and the immediacy of the report. The infrastructure of the database has been completed and tested, and the project is now in the final stages of development.

## Healthvidence.ca Summaries of Systematic Reviews

Between 2008 and 2010, NCCID worked with Healthvidence.ca to develop summaries of 15 systematic reviews on a variety of infectious disease-related topics. These summaries provide a practical overview of the research evidence, as well as implications for public health. Fourteen of the reviews were completed and posted online.

## AntibioticAwareness.ca

NCCID was instrumental in coordinating the first Antibiotic Awareness Day in Canada on Nov. 18, 2010. Working with national and international partners, NCCID launched the AntibioticAwareness.ca website, coordinated live webinars for health-care professionals, and helped develop posters, factsheets on AMR, and a “prescription pad” for doctors to give directly to patients in lieu of antibiotics. Canadian partners involved in the campaign were: Association of Medical Microbiology and Infectious Disease Canada; Community and Hospital Infection Control Association Canada; Canadian Foundation for Infectious Diseases; Canadian Paediatric Society. In January 2011 Do Bugs Need Drugs; the Canadian Institute of Public Health Inspectors; the Canadian Public Health Association; and the Canadian Pharmacists Association also joined our partners to promote AntibioticAwareness.ca for World Health Day 2011, held April 7, 2011 — a World Health Organization (WHO) campaign that also focused on antimicrobial stewardship.

# Projects, Partnerships and Publications....

## Purple Paper

The *Purple Paper* began as a weekly pandemic H1N1 literature synthesis in 2009 and has since evolved to a monthly publication reporting on infectious disease news and technologies important to public health. In 2010-2011, more than 10 external experts contributed to various editions. Dr. Harvey Artsob, former director of the Zoonotic Diseases and Special Pathogens Program at the National Microbiology Laboratory, discussed the history and future of Lyme disease in Canada in a special July 2010 edition. NCCID published 10 *Purple Papers* during the fiscal year.

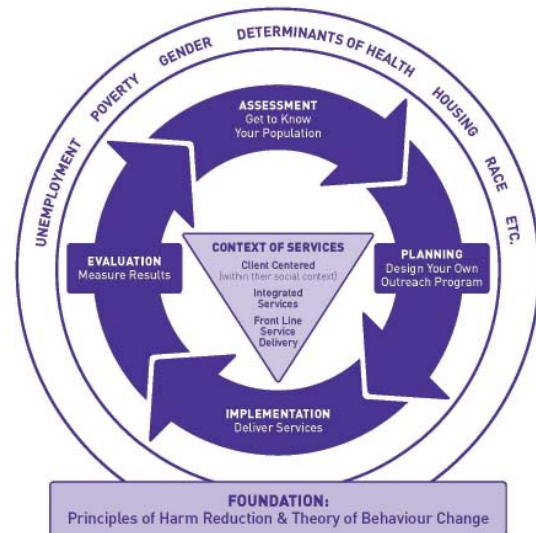
## pH1N1 Evidence Reviews

This new series of evidence reviews critically assesses and consolidates research findings relevant to public health and builds on the pH1N1 work that began in NCCID's *Purple Paper*. The evidence review series consists of 13 articles covering pandemic influenza topics in human and animal public health. The first article, "Epidemiology of the 2009 Pandemic Influenza A (H1N1)", was published in February 2011 and the series will be completed in Fall 2011.

## Prevention of HIV and STBBI

As part of NCCID's contribution to the prevention and control of human immunodeficiency virus (HIV) and other sexually transmitted and bloodborne infections (STBBI) in Canada, a total 13 HIV-related evidence reviews were produced in the past two years, with the final two completed in 2010. These knowledge synthesis documents include titles such as "Rapid Tests for HIV", "Antiretroviral Adherence Concepts and Strategies for Adults Accessing HIV Care", and "Interventions to Prevent HIV Transmission in Serodiscordant Couples".

## Outreach Planning Guide



*Conceptual model for outreach to vulnerable populations*

In March 2010 NCCID hosted a Vulnerable Population Outreach Consultation in Toronto. Feedback from that consultation was used to further develop the *Outreach Planning Guide*, which focuses on the challenges of planning and managing an outreach program for vulnerable populations, especially those vulnerable to HIV and sexually transmitted and blood borne infections (STBBI).

NCCID then held six one-day workshops across Canada to launch the *Outreach Planning Guide* and its conceptual model (pictured above). Workshop participants offered feedback on how NCCID could further support organizations with their outreach activities. Ninety-four individuals, representing every province and territory, participated in the workshops, which wrapped up in February 2011. Participants included frontline workers, outreach program managers, and community-based and local/regional public health unit managers. The *Guide* will be developed into a Web-based learning tool in both official languages.

# NCCID Networks

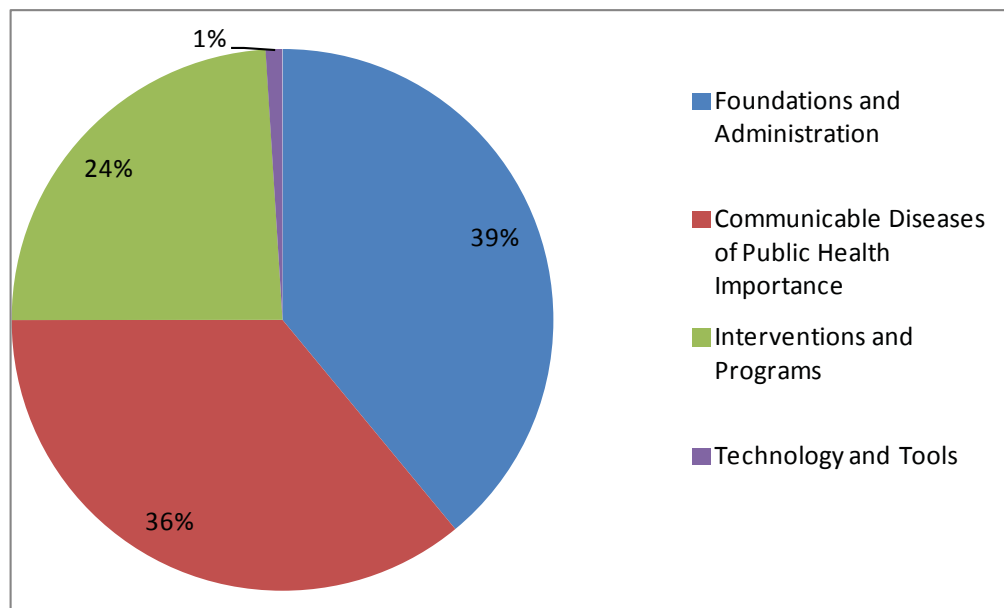
## 2010-2011 Conferences, Consultations & Workshops

- June 28-30, 2010: NCCPH Summer Institute
- February 10-11, 2011: Community-Acquired Antimicrobial Resistance (caAMR) Consultation
- February 28-March 2, 2011: Joint NCCPH-OAHPP Risk Communication Workshop

### Outreach Guide Workshops - (Representation from)

- September 30, 2010 - Halifax, NS (Nova Scotia, New Brunswick, Prince Edward Island, Labrador and Newfoundland)
- October 21, 2010 - Montreal, QC (Quebec, New Brunswick, Manitoba)
- November 2, 2010 - Saskatoon, SK (Manitoba and Saskatchewan)
- November 23, 2010 - Calgary, AB (Northwest Territories, Yukon, Nunavut)
- November 25, 2010 - Edmonton, AB (British Columbia and Alberta)
- February 16, 2011 - Toronto, Ontario (Ontario)

## Financial Report





National Collaborating Centre  
for Infectious Diseases

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Production of this document has been made possible through a financial contribution from the Public Health Agency of Canada.  
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