

# National Collaborating Centre for Infectious Diseases: STBBI Partner Notification Project

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**Québec City, Québec**



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# National Collaborating Centres for Public Health (NCCPH)

- Established in 2005
- Funded by PHAC but at-arm's-length

Together, the six NCCs aim to make public health program and policies more effective by:

- Increasing **awareness** of new and existing knowledge
- Identifying and helping **address public health priorities**
- **Collaborating** with established public health networks
- **Identifying gaps** in knowledge and relevant applied research

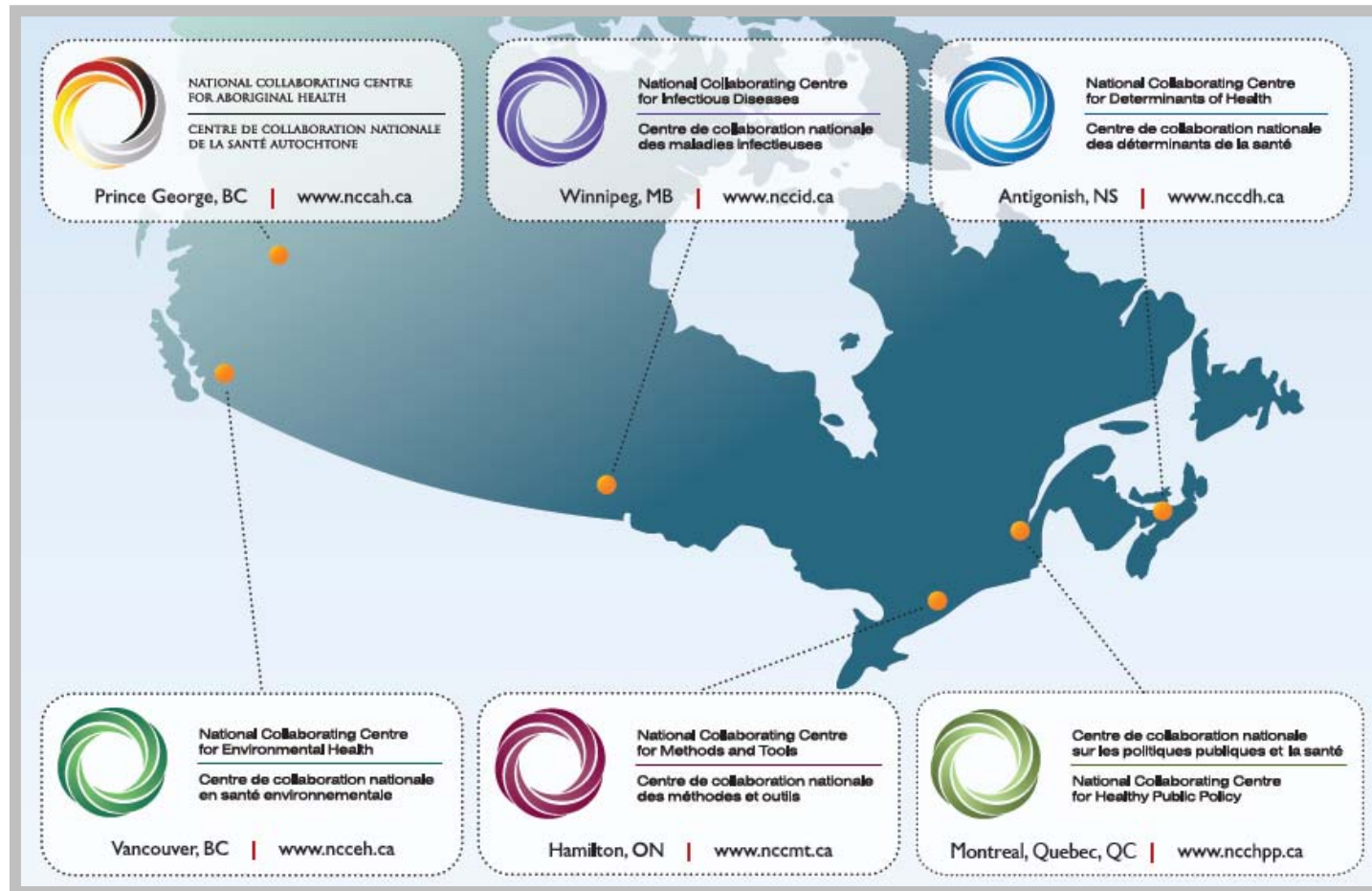


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# NCCs Public Health



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# STBBI Partner Notification (PN) Project

- Guided by a project advisory group
- Mixed methods approach to address challenges of partner notification for chlamydia, gonorrhoea, syphilis, HBV, HCV and HIV
  - Review of P/T acts, regulations and protocols related to PN
  - A series of Evidence Reviews on various PN topics
  - A series of experiential review of practice
  - Mathematical modeling to evaluate the effectiveness and cost-effectiveness of various models of PN
- Formative project activities



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# Provincial and Territorial PN Legislation Review

- Structure of the review: 5 levels
  - links to P/T PN legislations and related guidelines/protocols
  - P/T PN regulations and protocols
  - STBBI case definitions
  - Legislation regarding recalcitrant individuals
  - PN parameters (who reports, to whom, by when, how far back in time are contacts traced etc.)
  - ❖ *an appendix of reporting forms from all provinces and territories*
- P/T legislative materials accessible on the internet
- Draft compilation done
- Individual sections sent to each P/T for review
- Final review document (English) anticipated to be completed by summer 2011



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# PN Evidence Reviews

- 5 topics identified so far:
  - Origins of contact tracing in North America for chlamydia, gonorrhea and syphilis
  - Partner notification for chlamydia
  - Partner notification for HIV
  - The Canadian situation
  - New technologies for partner notification
  - Partner notification in special populations



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# Experiential review of PN practices

- Documentation of challenges and successes of PN for STBBIs and HIV in local public health jurisdictions in Canada through an interview process
- Purpose: to complement the Evidence Review series with tacit knowledge related to PN and to provide the Canadian context for STBBI PN
- Challenges and barriers, and what are some strategies to overcome?
- What are the other services provided?
  - Education, counseling, screening etc.
- What are some new technologies that are attempted or have been in routine use for PN?
- ❖ A series of case studies



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# Mathematical modeling

- Initial focus on chlamydia
- Chlamydia disease trend over time
- Effectiveness and cost-effectiveness of different models of PN
- Collaboration with Dr. David Fisman (OAHPP and University of Toronto) and his team
  - Effectiveness: access to local data from several health units in ON
  - Cost-effectiveness: pelvic inflammatory disease data from Manitoba Centre for Health Policy
- Interactive modeling platform
  - Web-accessible
  - Local data input to inform PN strategy



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# Formative Project Activities

- NCCID PN Consultation in Toronto in October 2011
  - To get feedback from wider target audience on the scope and content of the PN project



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# Thank You

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