



CIHR IRSC

Overview of CIHR Research Funding for Tobacco Use and Nicotine Addiction

Richard Brière, Assistant Director, CIHR-INMHA
Toronto, November 14, 2006

3rd Annual Symposium for Research to Inform Tobacco Control

Canada



What changed with CIHR

- **CIHR-funded researchers span the spectrum from the biosciences to social sciences**
- **CIHR's 13 Institutes set strategic priorities for research**
- **Innovative training initiatives**
- **Strategic initiatives addressing priority areas including**
- **CIHR has the mandate not only to fund knowledge creation but also knowledge translation**

Four Research Pillars of CIHR

Biomedical

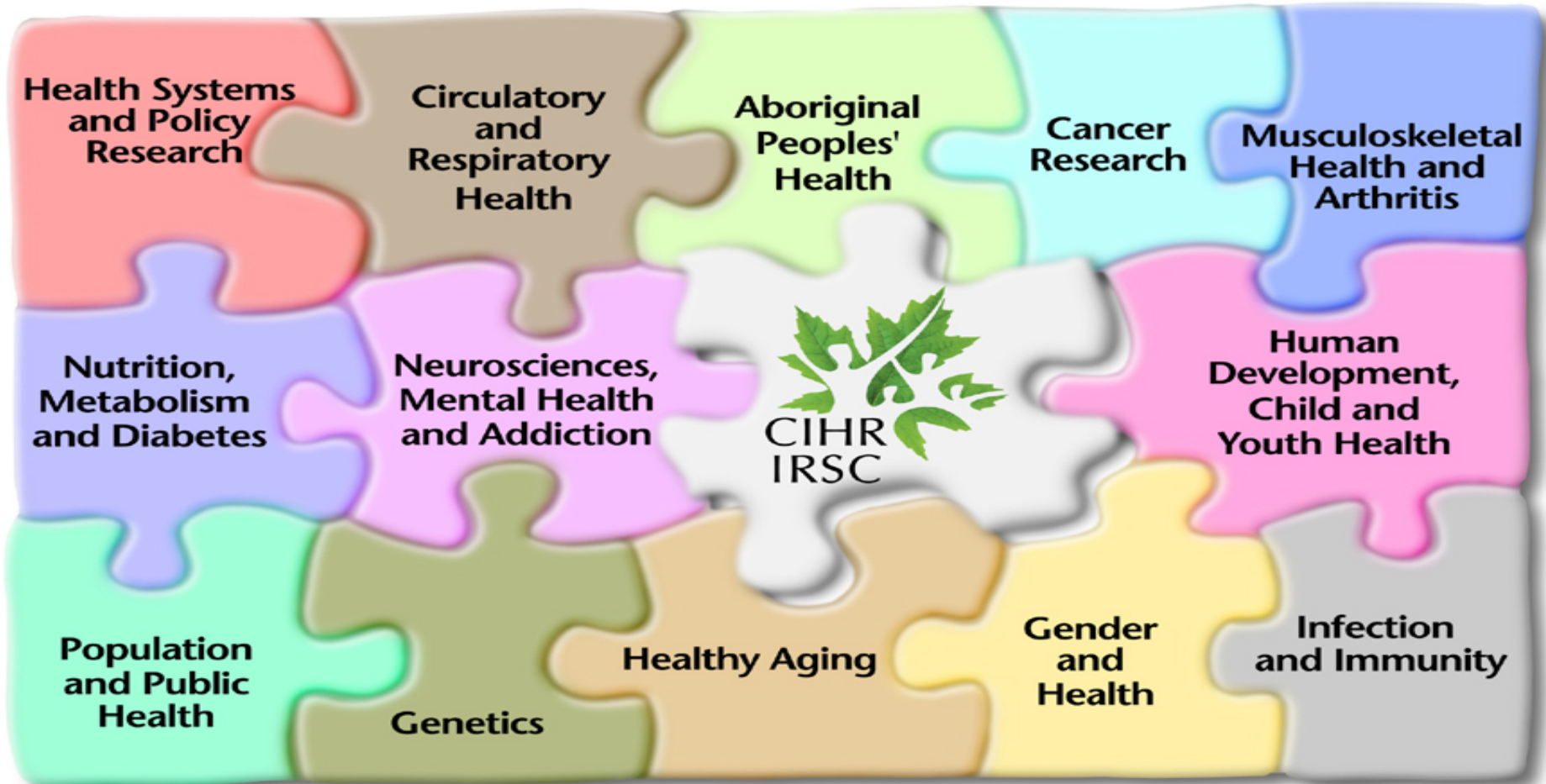
Clinical

Health services and health systems

Health of populations, societal and cultural dimensions of health, and environmental influences on health



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Criteria for Prioritizing RFA ideas

- **Importance of the Burden of Disease**
- **Potential for significant scientific advance**
- **Partner/stakeholder support or enthusiasm**
- **Bridging across institutes and themes**
- **Capacity-building contribution**
- **Potential for new economic development**
- **Unlikely to be investigator-initiated**



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Canadian Tobacco Control Research Summit

Organised jointly by CIHR and CTCRI and other partners

Held in Ottawa in 2002



Key Research Themes / Areas

- **Aboriginal Peoples**
- **Determinants of Tobacco Use**
- **Economics of Tobacco Control**
- **Harm Reduction: Cessation, Environmental Tobacco Smoke and Product Modification**
- **Integrated Interventions**
- **Methodology and Surveillance**
- **New Paradigm for Tobacco Control Intervention Research**
- **Nicotine Addiction**
- **Science of the Dissemination of Tobacco Control Policy and Program Interventions**
- **Sex Differences and Gender Influences**
- **Tobacco Industry Practices**



- **RFA “Advancing the science to reduce tobacco abuse and nicotine addiction” June 2003**
- **Partners**
 - **CIHR: INMHA, ICR, IAPH, ICRH, IGH, IHDCYH**
 - **CTCRI**
 - **National Cancer Institute**
 - **Canadian Cancer Society**
 - **Heart and Stroke Foundation**
 - **Health Canada**
 - **Canadian Lung Association**
 - **Association pulmonaire du Québec**

New Emerging Teams

Idea Grants

Policy Research Grants

Secondary Analysis

Knowledge Synthesis



Nicotine addiction and tobacco abuse

Issued in 2003 and 2004

***RFA on Research in Addiction* with CTCRI, CCSA,
OPGRC and other partners**

**Tobacco Abuse and Nicotine Addiction (re-issued) and
Community based research grants with CTCRI**



Nicotine addiction and tobacco abuse

teams supported for 5 years by INMHA and many other partners (June 2004)

P. Clarke (McGill U.)

Nicotine addiction: Behavioral and brain mechanisms from rodents to humans

P.W. McDonald (U. of Waterloo)

A Pan-canadian Resource Network for Tobacco Control Research, Policy and Practice

J. O'Loughlin (McGill)

Strengthening the links between research, practice, and public policy to reduce the burden of tobacco



Strategic Training Initiative in Health Research

Cameron (Waterloo) Tobacco Research

Selby (Toronto) Tobacco use in special populations

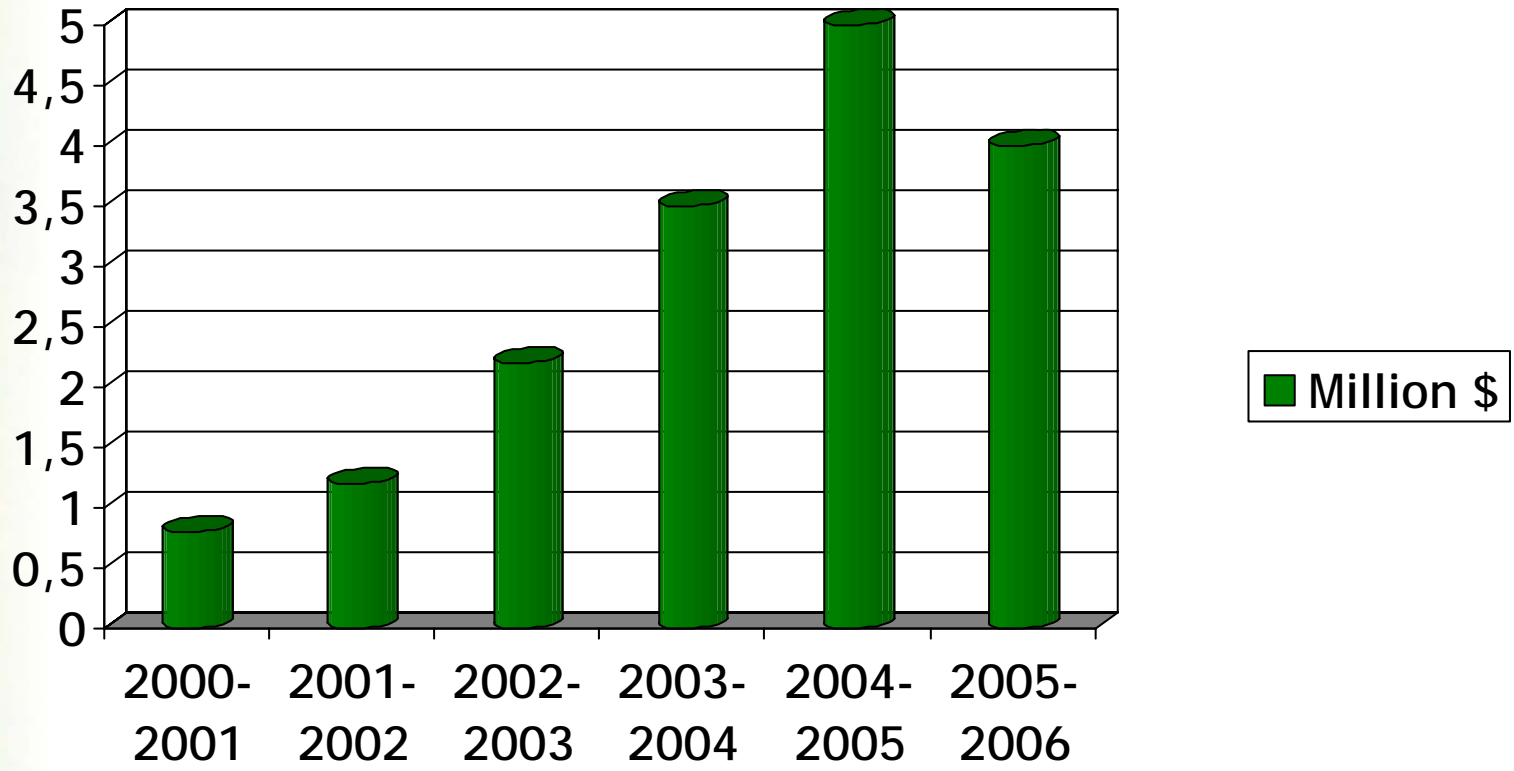
NET in Neurodevelopment and early life events

Paus (McGill)

Long-term consequences prenatal exposure to maternal cigarette smoking on brain structure, function and mental health in adolescence: Role of genes and environment in brain development



CIHR Investment in Research on Tobacco and Nicotine





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**Strong commitment from CIHR-INMHA and
CIHR-ICR to support tobacco control and
nicotine addiction research in the future
years**