CANADIAN INSTITUTES OF HEALTH RESEARCH
ERA-Can+ Information Session

Jennifer Gunning, Manager
International Relations and Executive Support

May 24, 2016
AGENDA

Innovation flourishes when we bring people from different disciplines together. This means collaboration among different sectors from around the world.

The research enterprise is truly a global one.

CIHR Overview  Open Calls
Emerging Priorities  Tips for Applicants
CIHR MANDATE

“to excel, according to internationally accepted standards of scientific excellence, in the creation of new knowledge and its translation into improved health for Canadians, more effective health services and products and a strengthened Canadian health care system”
OUR INSTITUTES

• Created in 2000, CIHR is **unique model** for health research.

• With its **13 Institutes**, CIHR has become a meeting ground for Canada’s health research community.

• The model enables optimal use of existing knowledge to fill research gaps, **maximize cooperation** and **minimize duplication**.
PART OF THE INNOVATION SYSTEM

CIHR is part of a broader innovation system in which funding for all aspects of research must be coordinated.

Operating Costs

People

Indirect Costs

Infrastructure/Maintenance
Canada is a leader in expenditure on R&D performed by its higher education sector, with investments of $13 billion in 2012-13.
TWO STREAMS OF RESEARCH SUPPORT

INVESTIGATOR-INITIATED RESEARCH
Grants and awards to fund best ideas and best minds. The area of research is identified by the researcher.

PRIORITY-DRIVEN RESEARCH
Targeted funding to provide a response to health needs and challenges. Areas of focus are identified by CIHR, in consultation with a variety of partners and stakeholders.
Keeping our operating costs low, allows us to invest where we can make a real difference in the health of Canadians.
## RESEARCH PRIORITIES FOR 2014-15 TO 2018-19

<table>
<thead>
<tr>
<th>Research Priority A:</th>
<th>Enhanced patient experiences and outcomes through health innovation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This research priority focuses on accelerating the discovery, development, evaluation and integration of health innovations into practice so that patients receive the right treatments at the right time.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Research Priority B:</th>
<th>Health and wellness for Aboriginal peoples</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This research priority focuses on supporting the health and wellness goals of Aboriginal peoples through shared research leadership and the establishment of culturally sensitive policies and interventions.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Research Priority C:</th>
<th>A healthier future through preventive action</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This research priority focuses on a proactive approach to understanding and addressing the causes of ill health, and on supporting physical and mental wellness at the individual, population and system levels.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Research Priority D:</th>
<th>Improved quality of life for persons living with chronic conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This research priority focuses on understanding multiple, co-existing chronic conditions, and on supporting integrated solutions that enable Canadians to continue to participate actively in society.</td>
</tr>
</tbody>
</table>

From our strategic plan, *Health Research Roadmap II: Capturing Innovation to Produce Better Health and Health Care*
CIHR’s Act stipulates a perspective and scope of action that transcends national boundaries

CIHR’s International Strategy overarching goals include:

1. Connect Canadian health researchers internationally
2. Mainstream global health research
3. Increase Canada’s international influence and visibility

Canada S&T Agreements and Joint Statements for S&T Cooperation with a number of countries
Canada punches above its weight in health research...

Canada's Positional Analysis by field of study (2005-2010)

Source: The State of Science and Technology in Canada 2012
International linkages include funded grant applications where at least one team member’s primary institution is located outside Canada.

- Excludes applications funded through award programs.
- Central/South America includes South America, Central America and the Caribbean.
CANADA’S PARTICIPATION IN EU FRAMEWORK PROGRAMS

- Steady increase in Canadian participation: 127 in FP6 to 328 in FP7
- Canadian applicants have above average success rates across all areas and in health specifically:
  - 328 Canadian participants in 284 projects with **25% rate success** for Canadian applications
  - 30 Canadian participants in health-related projects with a **45% success rate**
Since joining its first JPI in 2012, CIHR has been increasing its engagement in Horizon 2020 initiatives.
CIHR’s new Investigator Initiated Programs include two funding competitions: **Foundation Grants**, to support the best brains, and **Project Grants**, to support the best ideas.

In parallel, CIHR’s **Peer Review Process** has been transformed to adjudicate grant applications efficiently and effectively.
FOUNDATION GRANT OVERVIEW

- The Foundation Grant supports a cadre of elite health researchers and contributes to a sustainable health research foundation.
- This is an opportunity for our top scientists in Canada to focus on what they do best – innovate, create and advance science.
- This program is about funding on the promise of innovative vision for the future based on an outstanding track record.

The Foundation Grant competition includes a separate stream for new/early career investigators.
PROJECT GRANT OVERVIEW

• The Project Grants are about funding ideas with the greatest potential for important advances in health

• Project Grants are meant to ensure that there are opportunities for applicants from all disciplines to bring forward proposals from all areas of health research or knowledge translation

• The focus is on creativity, originality and potential Impact

The new investment from Budget 2016 will be entirely dedicated to the ongoing and future Project Grant competitions with a focus on early career investigators
FUNDING OPPORTUNITIES
for the next Foundation and Project competitions are in development for launch this June.
CIHR’s **Signature Initiatives** are a key mechanism for focusing our research investments. They are typically large-scale initiatives, designed to be transformative and have measurable impact in the near-term.

Through the Signature Initiatives, CIHR also **plays a leadership role** within numerous international consortia, developing a shared vision and aligning our investments with those of international stakeholders.
OPEN CALLS FOR PROPOSALS: Horizon 2020

**JPIAMR NETWORKS**
Focus on creating transnational networks/working groups to push forward the conceptualisation of ideas to combat AMR.

*Deadline is June 6th, 2016*

**LIVING WELL WITH DEMENTIA**
Focus on ICT integrated solutions to enable the wellbeing of people living with dementia and their communities.

*Deadline: May 26th, 2016*
OPEN CALLS FOR PROPOSALS

**ZIKA VIRUS**
Focus on creating new knowledge on Zika virus that will help develop diagnostics for the virus infection, understand the pathology caused by the virus, and ultimately prevent its transmission and morbidity.

**Deadline is July 12th, 2016**

**PRE-TERM BIRTH**
Focus on supporting exploratory and blue-sky research projects with the potential for high impact, breakthrough and/or transformative advances in the field of preterm birth.

**Deadline: August 2nd, 2016**
EMERGING PRIORITIES

• CIHR Signature Initiatives in
  • personalized medicine
  • epigenetics
• Global Alliance for Chronic Diseases
  • mental health
• Patient-oriented research/E-health
• Climate Change

CIHR’s Signature Initiatives are a key mechanism for focusing our research investments.
ESTABLISH A RESEARCH PROGRAM IN CANADA

The Government of Canada invests in Canada's growing reputation as a global leader in research and innovation.

CANADA RESEARCH CHAIRS

Tier 1 Chairs are for outstanding researchers acknowledged by their peers as world leaders in their fields. For each Tier 1 Chair, the university receives $200,000 annually for seven years.

Tier 2 Chairs are for exceptional emerging researchers, acknowledged by their peers as having the potential to lead in their field. For each Tier 2 Chair, the university receives $100,000 annually for five years.

CANADA EXCELLENCE RESEARCH CHAIRS

awards universities up to $10 million over seven years to support world-renowned researchers and their teams to establish ambitious research programs at Canadian universities.

We encourage you to review the funding opportunities to confirm eligibility.
TRAIN IN CANADA

The following CIHR training programs enable foreign researchers to train in a Canadian research environment:

VANIER CANADA GRADUATE SCHOLARSHIPS
Supports doctoral students who demonstrate both leadership skills and a high standard of scholarly achievement in graduate studies.
Candidates must be nominated by the institution at which they want to study.

BANTING POSTDOCTORAL FELLOWSHIPS
allows highly motivated and competitive researchers to realize their full potential and develop their careers.
Deadline for submission: September 21, 2016

We encourage you to review the funding opportunities to confirm eligibility.
TIPS FOR APPLICANTS
RESEARCH NET

All CIHR funding opportunities are published on ResearchNet

www.cihr-irsc.gc.ca

• Complete listing of current and archived opportunities
• The searchable database can be viewed by Institute, program type, or target applicant
HOW CAN YOU APPLY?

Researchers from foreign institutions can participate in CIHR funding opportunities.

For CIHR grants, foreign researchers may apply as Principal Applicants, Co-Applicants or Collaborators if they meet the relevant definitions in CIHR Grants and Awards Guide, as well as the specific eligibility criteria outlined in the funding opportunity.

To be a Nominated Principal Applicant, you need to:

• spend a minimum of six months per year at a Canadian institution
• have an employment relationship or academic status with a CIHR-eligible Institution

FOR MOST FUNDING OPPORTUNITIES YOU WILL NEED A CIHR PIN AND A COMMON CV.
IDENTIFY COLLABORATORS/SUPERVISORS

- CIHR Funding Decisions Database
- Canada Research Chairs
- Canadian Research Information System
- National Contact Point
- Lead Institute
NATIONAL CONTACT POINTS

Emily Verreault
Project Advisor,
International Relations, CIHR
emily.verreault@cihr-irsc.gc.ca
Tel: 613-952-0823

Erin Dunn
A/Project Advisor
International Relations, CIHR
erin.dunn@cihr-irsc.gc.ca
Tel: 613-948-2801
Discoveries for life / Découvertes pour la vie