

AGM



AGA

2017

June 6 juin

LEADERSHIP EN PROMOTION DE LA RECHERCHE EN SANTÉ

LEADERSHIP IN HEALTH RESEARCH ADVOCACY

President and CEO Report to Members

June 6, 2017

Sir John A. Macdonald Building

Ottawa

Mission

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To improve the health and prosperity of Canadians by championing Canada's global leadership in health research.



Philosophy

Health Research is a shared benefit and a shared responsibility.



Role in the Sector

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Research Canada is the health research advocacy's lighthouse, calling all sectors to a common shore.



Members, Supporters and Partners



Research Canada has a stakeholder engagement model that includes Members, Supporters and Partners drawn from all sectors dedicated to increasing investments in health research and supporting a robust health innovation system. They include:

- Health research institutes
- Health charities
- Hospitals
- Regional health authorities
- Universities and their Faculties
- Health professional associations
- Companies





Why I belong to Research Canada?

- Strengthens my institution's and the sector's presence on Parliament Hill
- Fosters collaboration among all HIS stakeholders
- Communicates effectively and gives me access to a broad stakeholder network
- It uniquely focuses on educating the public, media and policy makers about health research and health innovation
- Maintains a longitudinal view and stays the long-term advocacy course
- Builds a HIS framework for policy discussion
- Attracts talent and influence to the organization

Membership Benefits



Health Research Caucus

- Promotion and profile at HRC events on Parliament Hill

RC Publications

- Promotion and profile to Parliamentarians and broadly within RC Alliance

Media Portal

- Member discount for Media Distribution
- Free Media Scanning

Catalogue of Products and Services

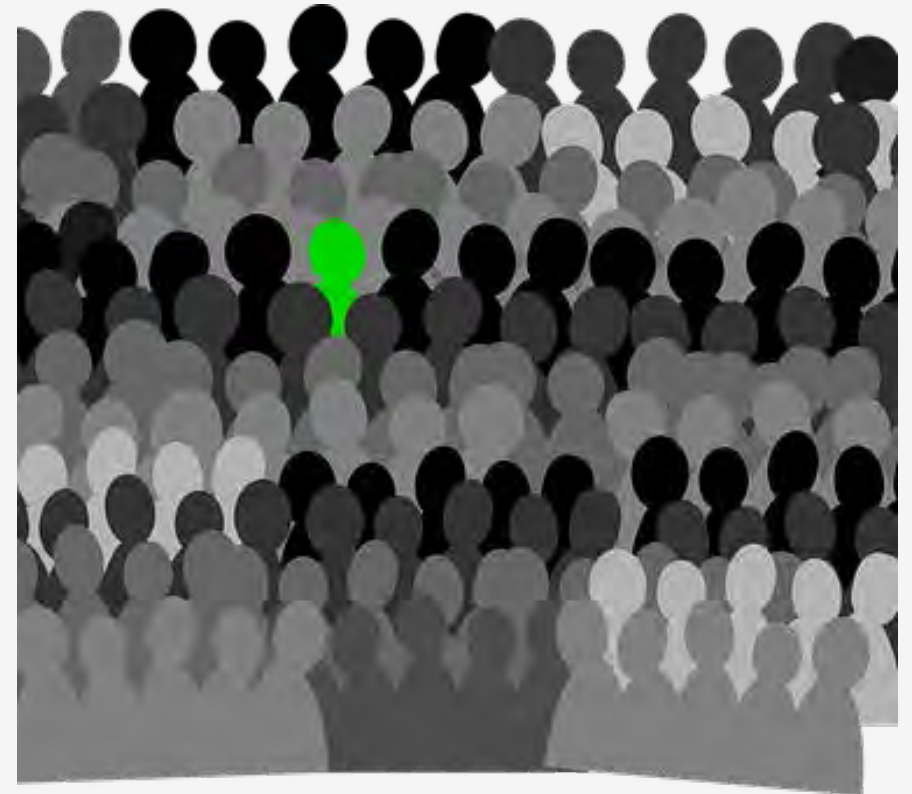
- Discounted products and services

Influence Strategic Direction

- Elected to Board of Directors
- Membership on Committees and Task Forces

Networking

- Members are invited to all Research Canada Events



New Members



Bruyère Research Institute



INSTITUT DE RECHERCHE
Bruyère
RESEARCH INSTITUTE

Hamilton Health Services

Stem Cell Network
Réseau de **cellules souches**

McMaster
University



McMaster University

 **Hamilton
Health
Sciences**

Stem Cell Network

AbbVie Canada

abbvie

Parliamentary Health Research Caucus

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Frailty Among the Aged in Canada

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Special Guest Speaker: Dr. Kenneth Rockwood

- The Biology of Frailty
- How to Identify Frailty
- Frailty and our Healthcare System
- Societal Impact of Frailty
- Prevention of Frailty



Neuroscience Research in Canada



Dr. Beverley Orser, MD, PhD, FRCPC
University of Toronto

- How unveiling the general mechanism by which anaesthetics works can lead to better drug development.

Dr. Charles Bourque, PhD
McGill University

- How changes in cellular and synaptic properties affect homeostatic function in response to high salt intake and disease states that affect cardiovascular function and/or fluid homeostasis.



Indigenous Health Research in Canada

Special guest Speaker: Dr. Carrie Bourassa

- Child and Family Wellbeing
- Environment-based Programs and Interventions
- Mental Wellness
- Chronic Disease
- Building Capacity in Research, Communities and the Health System

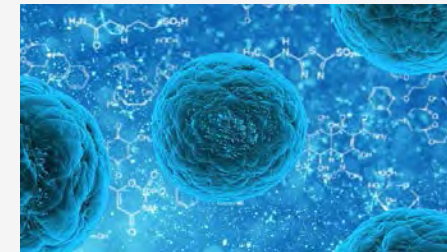


Health Research Caucus Events 2017-18



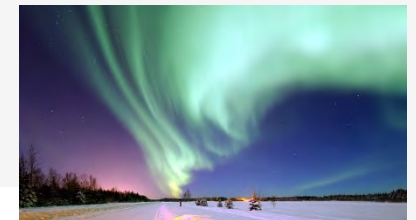
2017:

- Biotechnology Research in Canada
- Celebrating the Gairdners – October 16
- Stem Cell Research in Canada – December 5



2018:

- Northern and Rural Research in Canada – May
- Chronic Disease Research in Canada - October



2016 Leadership Award

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Excellence in health research advocacy
Presented to an individual and an
organization:

Dr. Grant Pierce, Executive Director of
Research, **St. Boniface Hospital** and **The BC
Centre for Excellence in HIV/AIDS** (Dr. Julio
Montaner accepted)



20  16
Research Canada
Leadership Award

Research Canada announces
winners of 2016 Leadership Award

November 22, 2016 at
the Metro Toronto Convention Centre



Media Portal



Membership Benefit and Service

Supporter and Partner Advantage

Services:

Media Scanning

- Members' Breakthroughs and Other News

Media Distribution

- Marketwired Platform

Soft Launch March 2017

- Building solid client base

Marketing and Promotion

- Sponsor Benefit

health • research • innovation
portal

An infographic with a dark blue background featuring glowing blue lines and dots. It contains several text boxes: "Social media and direct-to-subscriber distribution" in a white box, "Monitoring of Health & Research News" in a white box, "Our community! Our news!" in a white box, and "Media release distribution at incredible savings" in a white box. The "health • research • innovation portal" logo is at the bottom left, and the website "www.hriportal.ca" is at the bottom right.

Social media and direct-to-subscriber distribution

Monitoring of Health & Research News

Our community!
Our news!

Media release distribution
at incredible savings

health • research • innovation
portal

www.hriportal.ca

Publications and Social Media



RC on the Move

RC Update

Social Media

Twitter follows – 10% increase

2015-16 4,800

2016-17 5,273

Facebook Likes – 37% increase

2015-2016: 800

2016-2017: 1092

Research Canada UPDATE
 NEWS FOR PARLIAMENTARIANS ON CANADIAN HEALTH RESEARCH
 April 2017

Next Event
 3:30 p.m. - 6:30 p.m.
June 5, 2017
Health Research Caucus
 Indigenous Health Research in Canada

Recent Event
 Neuroscience Research in Canada
 Co-hosted by the Canadian Association for Neurosciences
 Sponsoring participants of the Health Research Caucus event, Neuroscience Research in Canada, included:
 Sanofi Genzyme
 Johnson & Johnson Inc.
 Innovative Medicines Canada
 AbbVie
 Centre de recherche Institute universitaire en santé mentale de Québec
 Parkinson Canada
 Medtronic
 McGill University Health Centre Research Institute
 To see all participants and to learn more about the event page [here](#).

DISCOVERY OF 18 NEW AUTISM-LINKED GENES MAY POINT TO NEW TREATMENTS
 The newest study from the Autism Speaks MSSNG project – the world's largest autism genome sequencing program – identified an additional 18 gene variations that appear to increase the risk of autism. The study analyzed 5,205 whole genomes from families affected by autism – making it the largest whole genome study of autism to date.
 So far, research using the MSSNG genomic database has identified 61 genetic variations that affect autism risk. The research has associated several of these with additional medical conditions that often accompany autism. The goal, says study co-author Matthew Pletcher, Autism Speaks vice president for genomic discovery "is to advance personalized treatments for autism by deepening our understanding of the condition's many subtypes." He explained, "In all, 60 percent of the 61 gene variations discovered through MSSNG affect biochemical pathways that have clear potential as targets for future medicines."
 The findings also illustrate how whole genome sequencing can guide medical care today. For example, at least two of the autism-associated gene changes described in the paper were associated with increased risk for seizures. Another has been linked to increased risk for cardiac defects, and yet another with autism, diabetes. The findings illustrate how whole genome sequencing for autism can provide medical guidance to individuals, families and their physicians, the investigators say.
 Read the article in [Scientific American](#).

Autism Speaks Canada
 15% more to learn.
 Donate and help enhance lives today and accelerate a spectrum of solutions for tomorrow.

STAY IN TOUCH
 @ResearchCdn
 WWW.RC.CA

Research Canada On the Move!

The Advisory Panel on Federal Support for Fundamental Science

The Advisory Panel on Federal Support for Fundamental Science was struck in June 2016 to review existing federal supports for peer-reviewed science and inquiry occurring outside of government departments and agencies. Over the past year, the Panel conducted the most extensive review of fundamental science that we have seen in over four decades, receiving 1,275 written submissions and conducting five roundtables with over 230 researchers.

Based on these consultations, as well as its own research, the Panel released a report on April 10, 2017 that contains 35 recommendations for the federal government to strengthen the foundations of Canadian research.

Research Canada was pleased to see that so many of our organization's recommendations in its submission to Canada's Fundamental Science Review, *Securing Canadian Leadership in Research and Innovation*, were addressed in the Panel's Report.

The report presents a comprehensive agenda critical to reinvigorating Canada's research ecosystem and forwardly advances recommendations aimed at providing urgent financial relief to Canada's four major granting agencies (CIHR, NSERC, SSHRC and CFI). But now that the Report has been tabled, the political decisions on fundamental science, long past urgent, are what are required.

Between 2006 and 2014, funding declined by nearly 25 percent for researchers hoping to pursue independent, investigator-led research projects. A large gap has opened up between early career and established researchers. A lifecycle approach to research funding, ensuring that researchers at different stages of their careers are able to access funding, is a central recommendation in the Panel's Report and one definitely worth advocating for!

The Report has much to recommend it and Research Canada looks forward to reviewing the Report in greater detail by establishing a Working Group that will develop an in-depth response and use it as the basis upon which to work with the Government of Canada to strengthen Canada's research and science foundation.

Call for Nominations 2017 Research Canada Leadership in Advocacy Award
 Research Canada's Leadership in Advocacy Award honours outstanding advocates for medical, health and scientific research. The Leadership in Advocacy Award is presented to individuals and/or organizations who which have made outstanding efforts in advocating for Canadian health research at the local, provincial and/or national level. The deadline for submission is June 8, 2017.
 For more information:



Response to Public Policy Processes

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Systemic Approach Required

- Research Canada Working Group
 - Develop in-depth response to Naylor Report
 - Review CIHR Expert Peer Review Panel Report
 - Meetings of substance with Influence Brokers
 - In-depth discussions with Ministers regarding systemic approaches, e.g. FIS Modell



Immediate investments required

- Policy documents
- RC Communications
- R10
 - Brokering consensus and looking for alignment and opportunities to act together



Expert Panel on Fundamental Science

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- Integrated governance mechanism to coordinate strategy across funding agencies
- Baseline funding across granting councils
- Partnerships that increase opportunities for trainees
- Funding rate for early- and mid-career investigators matches average of senior-career scientists
- Review of the current agency/program structure, with a view to merging/eliminating redundant agencies/programs and reducing fragmentation



Securing Canadian Leadership in Research and Innovation

Research Canada's Submission to Canada's Fundamental Science Review

Executive Summary

Research Canada is grateful for the opportunity presented by the Fundamental Science Review to provide recommendations that will strengthen Canada's fundamental science leadership.

It is essential that Canada's approach to supporting fundamental science recognizes the central position of fundamental science within the larger system of innovation. Fundamental science fuels the research and innovation engine and is therefore critical to Canada's competitiveness in the global knowledge economy and to our ability to benefit from our investment in health research and innovation.

Excellence in fundamental science is pivotal to Canada's knowledge leadership, commercialization leadership and healthcare leadership and Canada's support for fundamental research must remain coherent, effective and agile.

Having carefully considered the Panel's questions, Research Canada is pleased to submit a response organized according to four themes—fragmentation, funding, future talent and flexibility—that reflect the collective views of our diverse membership and that we think address the spirit and substance of the Panel's remittance.

Our Recommendations

1. In order to address fragmentation within Canada's current system of research funding, we recommend that:
Canada align, integrate and, where appropriate, consolidate its portfolio of research and innovation support mechanisms in partnership with Government, Academic, Industry and Not-for-profit (GAIN) stakeholders and in consultation with provincial and federal policymakers. This ongoing process of alignment—which might be enabled by a new, multi-stakeholder National Research and Innovation Board to oversee all federal funding agencies—should promote an integrated view of all funding vehicles and platforms, enable ongoing review and optimization of strategies across agencies/programmes, and monitor performance to ensure that Canada's fundamental research system achieves balance across operating, infrastructure, training/career development and commercialization priorities.
2. Canadian investment in fundamental science over the past decade has eroded its value and diminished the flexibility and predictability of the vehicles through which it is administered. If Canada is to remain competitive as a global centre of health research and innovation, we recommend that:
Canada restore baseline funding across granting councils to a level that places us in the top tier of knowledge-based economies globally—which, by most relevant comparative measures, will require a two to three times greater investment than the current status quo.
3. Scientific, technological and social innovation is placing new and challenging demands on the workforce and institutions responsible for their training and preparation. If Canada is to diversify opportunities for science-based graduate students, help them to explore, embrace and compete for non-academic careers in order to capitalize fully on the talent and energy of our trainees, we recommend that:

Into the Future



- Four Health Research Caucus Events
- Public Opinion Poll
- Expanded Media Portal Service
- Expanded Catalogue of Products and Services
- Formal Response to Naylor Panel Report and Advocacy Follow up Report
- New Strategic Plan



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