



# President and CEO Report to Members

June 1<sup>st</sup>, 2016

Fairmount Chateau Laurier Hotel

Ottawa

# MISSION

**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

**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 which 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
- 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



- The Canadian Association for Neuroscience
- Hamilton Health Sciences
- IWK/Capital Health
- University of Alberta
- University of Calgary
- University of Saskatchewan
- Women's College Research Institute at Women's College Hospital





***Your Candidates, Your Health*** was Research Canada's election resource for both Advocates and Candidates during Election 2015

- Election Primer
- Advocates Campaign Kit
- Candidate Survey
- Patient Stories
- Campaign Blog by GR Expert





## For Candidates

### For Election Candidates

#### Health research and health

Canada's many internationally-recognized knowledge-based economy. Many of our nurses, and other contributors, they

Members of Research Canada: An Alliance for Health science centres, universities, biopharmaceuticals doing on behalf of all Canadians. Our research and development enterprise.

\*Please fill out the Ca

\* Research Canada: An Alliance for Health research and health innovation; how

**Candidate Question**

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**Candidate Question**

**If elected, would you make health R&D a priority?**

Yes

No

Comment (optional):

Name (optional):

**Done**

powered by SurveyMonkey

s potential as a leader in the global effective talents of students, doctors,

Canada's leading academic health about the life-saving work they are unity offered by a vibrant research

ed and to advocate for health te in Election 2015.



## Patient Stories



### Cory Conacher

NHL Hockey Player's Peak Performance aided by Medical Technology

Cory Conacher is living his dream of playing NHL hockey. At 5 foot 8 inches and born in December 1989, he was always the youngest and smallest on his team. At 8 years old, he was diagnosed with Type 1 diabetes, which means his body doesn't produce insulin. Nonetheless, he hasn't let his size or...



### Doug Curtis

New Research Provides Hope for Those with Parkinson's

Doug was first diagnosed with Parkinson's at the young age of 39. A trip to Prague with his wife Heather started the whole process. Doug was forever tripping on the cobblestone streets; and while at first it was chalked up to clumsiness, in the end Doug and Heather knew something wasn't quite right. "I knew..."



### Shawn Shephard

My life changed forever on Christmas Day 1997, the day I was diagnosed with type one, insulin dependent diabetes

Shawn Shephard is a proud advocate for living well with diabetes, and is living his dream life. He is an internationally renowned inspirational speaker, author of *Life is Sweet – Surviving Diabetes and a Whole Lot of Other Crazy Stuff*, and is the host of the *Sugar Free Shawn Show* and *The Diabetes Champions Network*...



### Maureen Smith

"I am proof of what research can do"

I am living proof that clinical trials change lives. I was diagnosed at the age of 8 with an ultra-rare disease, congenital panhypopituitarism, and in the 1960s, had the opportunity to participate in the first Canadian trial for human growth hormone.

Research plays a critical role in every aspect of the healthcare spectrum, including how we prepare the healthcare labour force to adapt to scientific and systemic change. And as research continues to push evolution in medical science, education in schools and in hospitals needs to stay in step. Having a solid research foundation for our healthcare system helps the Michener Institute of Education at UHN constantly adopt curriculum to advances in health technology, ensuring new practitioners are ahead of the curve and anticipating changes.

Dr. Peter Pisters  
President and CEO,  
The Michener Institute of  
Education at UHN



## Welcome Kit

### Research Canada Membership

Advanced Medical Research Institute of Canada	Leukemia & Lymphoma Society of Canada
Alberta Health Services	Lunenfeld-Tanenbaum Research Institute, Mount Sinai Hospital
Baycrest Centre for Geriatric Care	March of Dimes Canada
BIOTEC Canada	McGill University Health Centre Research Institute
Canadian Association for Neuroscience	Michener Institute
Canadian Association of Occupational Therapists	Montreal Heart Institute / Institut de Cardiologie de Montreal
Canadian Consortium on Nursing Research	Montreal Neurological Institute
Canadian Diabetes Association	Ontario Neurotrauma Foundation
Canadian Pain Society	Ottawa Hospital Research Institute
Canadian Physiotherapy Association	Pan Provincial Vaccine Enterprise (PREVENT)
Canadian Society for Immunology	Parkinson Society Canada
Canadian Society for Medical Laboratory Science	PERFORM Centre, Concordia University
Canadian Society for Molecular Biosciences (CSMB)	Providence Health Care Research Institute
Centre for Addiction and Mental Health Research (CAMH)	Provincial Health Services Authority (BC)
Children's Hospital for Eastern Ontario Research Institute	Royal College of Physicians and Surgeons of Canada
Council for Canadian Child Health Research	Sunnybrook Health Sciences Centre
Covenant Health Research Centre	Thunder Bay Regional Health Sciences Centre & Thunder Bay Regional Research Institute
Cohn's and Collis Canada	University Health Network
Cystic Fibrosis Canada	University of Alberta
Douglas Mental Health University Institute	University of Calgary
Friends of CHR	University of Manitoba, Faculty of Medicine
GE Healthcare Canada	University of New Brunswick
Genzyme Canada	University of Ottawa Heart Institute
The Graham Boeckh Foundation	University of Saskatchewan
HealthCareCAN	University of Toronto, Faculty of Medicine
Hospital for Sick Children Research Institute	University of Western Ontario
Innovative Medicines Canada	uOttawa Institute of Mental Health Research
Institut de recherches cliniques de Montreal, IIRCM	Vancouver Coastal Health Research Institute
Juvenile Diabetes Research Foundation	Women's College Research Institute, Women's College Hospital
Kingston General Hospital	York University
Université Laval	
Lawson Health Research Institute & University of Western Ontario	

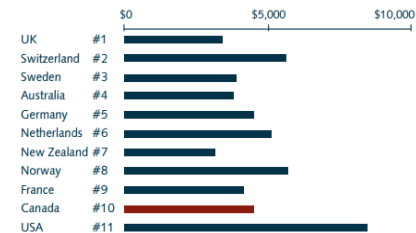
At AstraZeneca, our purpose is to push the boundaries of science to deliver life-changing medicines. We believe the best way we can achieve this is to put science at the centre of everything we do. As part of that commitment, AstraZeneca Canada is proud to sponsor Research Canada's Welcome Reception for Members of Parliament. Congratulations on your election and welcome to Ottawa!

Lisa Marsden  
Vice-President, Patient  
Access & Established  
Brands,  
AstraZeneca Canada



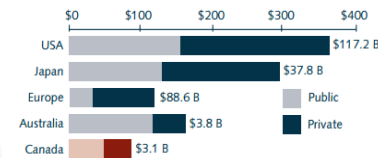
## Welcome Kit

### Healthcare Spending Per Capita



Source: The Commonwealth Fund ([www.thecommonwealthfund.org](http://www.thecommonwealthfund.org))

### Health Research Spending Per Capita



Source: Moses, H. et al. 2015. The anatomy of medical research: US and international comparisons. JAMA 313(2): 174-189. Shift Health analysis.

AstraZeneca is a global, innovation-driven biopharmaceutical business with a primary focus on the discovery, development and commercialization of primary and specialty care medicines that transform lives. Our primary focus is on three important areas of healthcare: Cardiovascular and Metabolic disease; Oncology; and Respiratory, Inflammation and Autoimmunity.

AstraZeneca operates in more than 100 countries and its innovative medicines are used by millions of patients worldwide. In Canada, we employ roughly 690 employees across the country and our AstraZeneca Canada headquarters are located in Mississauga, Ontario.

For more information, please visit the company's website at [www.astrazeneca.ca](http://www.astrazeneca.ca).

As a global leader in medical technology, services and solutions, Medtronic helps to improve the health and lives of millions of people each year. We believe our deep clinical, therapeutic and economic expertise can help address the complex challenges—such as rising costs, aging populations, and the burden of chronic disease—faced by families and healthcare systems today. But, we can't do it alone. That's why we're committed to partnering in new ways and developing alternative solutions that deliver better patient outcomes.

Founded in 1949 as a medical repair company, we're now among the world's largest medical technology, services and solutions companies, employing more than 85,000 people worldwide, serving physicians, hospitals and patients in more than 160 countries.

With a presence since 1968, we are proud to employ over 1,500 people in Canada. Join us in our

# Welcoming Parliamentarians to Ottawa



# Welcome Reception



## Parliamentary Health Research Caucus



***Vaccine  
Development in  
Canada***





# Parliamentary Health Research Caucus

GLOBAL HEALTH  
RESEARCH &  
INNOVATION

May 11, 2015  
Ottawa



# Health Research Caucus



- Paediatric Research and Child Health in Canada
- Frailty Among the Aged in Canada





- Genetics of Rare Diseases
- Child and Youth Mental Health
- Healthy Active Living & Obesity
- Acute Care/Trauma
- Complex Care
- Chronic Care



# Frailty Among the Aged in Canada

## October 24, 2016

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





# Media Portal Membership Service

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**portal**

News Releases Comments Contact Us


NEWS

- Drinking alcohol offers no net health benefits, review finds**  
March 22, 2016
- Status of gene patents in Cda unresolved, despite hospital's successful challenge**  
March 19, 2016
- Maple syrup could protect against Alzheimer's, research suggests**  
March 19, 2016
- How a UBC professor is spurring research into rare diseases**  
March 18, 2016
- Promising stem cell research could give new life to brittle bones**  
March 17, 2016
- Health of cystic fibrosis patients declines at adulthood**  
March 16, 2016

**Centre for Pediatric Mental Health Services and Policy Research coming to CHEO; New Research Chairs in position**

For immediate release

**OTTAWA, Ontario – May 10, 2016** – The Children's Hospital of Eastern Ontario (CHEO) today announced the first step of its plan to build a novel pediatric-focused Centre for Mental Health Services and Policy Research on-site.



"Mental Health Services research means better understanding how to provide care to children and youth based on their individual needs," said Dr. Mario Cappelli, Director of Psychiatric and Mental Health Research at CHEO and professor at uOttawa. "Our community wants answers, we've listened and now we're doing something about it. Together with our partners, we want to adjust delivery models to help improve the mental health and well-being of our kids." [Read more »](#)

PRESS RELEASES

**Budget 2016 takes action to reinvigorate Canada's health research and innovation system**  
23 Mar 2016

Research Canada: An Alliance for Health Discovery welcomed Finance Minister, Bill Morneau's 2016 Budget, Growth for the Middle Class, which strengthens Canada's health research and innovation system by dedicating new resources to discovery research, infrastructure at postsecondary institutions and federal laboratories and accelerating the diffusion and commercialization of knowledge into applications that benefit industry and society as a whole.

health • research • innovation  
**portal**

News Releases Comments Contact Us

Releases

- March 2016 (7)
- February 2016 (1)
- December 2015 (1)
- November 2015 (2)

PRESS RELEASES

**Ipsos POLL Health Care (40%) tops Canadians' Budget Priorities**  
22 Mar 2016

Canadians have outlined their priorities for the Liberal government's inaugural budget, with healthcare, taxes, the deficit and relief for the middle class at the top of the list, according to a new Ipsos poll conducted exclusively for Global News.

**New international research reinforces the link between public policy and life expectancy**  
21 Mar 2016

TCRONT'O, March 21, 2016 – While average life expectancy has been rising steadily in most countries over the past century, new research led by the Centre for Addiction and Mental Health (CAMH) shows that life expectancy declined significantly and rapidly in three countries where policy changes increased access to prescription opioids, alcohol or illicit drugs.

**Quebec 2016-2017 Budget: Meaningful intentions and actions for Quebec's life science sector will also benefit patients**  
17 Mar 2016

Montreal, March 17 2016 – Innovative Medicines Canada commends the Quebec Government for its balanced 2016-2017 Budget, which provides structural measures for the province's life science sector and benefits Quebec patients.





# Research Canada Publications



## Research Canada On the Move

### Welcoming Members of Parliament

Liberal Members of Parliament—all 184—are in Ottawa this week for the 42nd session of the Parliament of Canada. They are joined by 99 Conservative and 44 NDP Members of Parliament. Out of these 338 MPs, 214 are new to Parliament. The key government players for the health research and health innovation sectors will be the Honourable Jane Philpott, Minister of Health, the Honourable Kirsty Duncan, Minister of Science, the Honourable Navdeep Singh Bains, Minister of Innovation, Science and Economic Development.

The Liberals have signaled their intention to play a stronger leadership role in health and are already demonstrating, at the recent health ministers meeting in Vancouver (January 21st), a willingness to collaborate with the provinces on this front. They are engaging stakeholders and experts in consultations and have stated their preference for evidence-based decision-making.

What this means for Research Canada and our sector at large is an opportunity to have meaningful input into health research and health innovation policy decisions. That said, the new government faces the same fiscal pressures, and competition for resources will be fierce. The right framing of issues will be imperative.

Our challenge will be to position health research and health innovation on a competitive policy landscape aligning our messaging with the values of the new government and making the economic and social case for health research. We need to weigh in now on who the National Science Advisor should be and what role s/he should play and we need to engage newly elected champions for health research.

### Calling All Champions for Health Research!

We are developing a list of key Members of Parliament who may be health and/or health system professionals or who may have a special interest in the field. We encourage our Members to contact and/or meet these Members of Parliament—especially if you are in any of these ridings. [read more](#)

Opposition Parties play a critical role in advocating for health research and health innovation. It is equally important to meet and solicit support from Members of Parliament from the Conservative and NDP parties. We will undertake a review of the backgrounds of the opposition MPs in the future. Here are a few with whom you can begin your outreach efforts:

**Maxime Bernier (Cons)**  
Critic – Innovation, Science and Economic Development  
(Diane Finley)

**Dr. Kellie Leitch (Cons)**  
Critic – Health



### UNIVERSITY OF SASKATCHEWAN RESEARCHERS DEVELOP DIAGNOSTIC TEST FOR ASTHMA IN CHILDREN



Dr. Darryl Adamko, Associate Professor in the Department of Pediatrics, University of Saskatchewan

Researchers at the University of Saskatchewan (U of S) are developing a new diagnosis and monitoring test for children with asthma.

Asthma is the most common chronic disease in children. It affects at least 13 percent of our children and is a major cause of hospitalization (Statistics Canada). Treating asthma is a key goal, but differentiating it from other breathing disorders is a challenge because diseases such as viral bronchiolitis and Cystic Fibrosis share similar symptoms. Adding to the challenge - doctors are unable to measure lung function or airway inflammation accurately in clinical settings - making diagnosis and predicting exacerbations very difficult in children.

Dr. Darryl Adamko, a Pediatric Pulmonary Specialist at the U of S and a collaborative team of researchers from across the globe are investigating how urine metabolomics molecules generated from cellular metabolic activity can lead to the detection of asthma in children. "People with asthma have different types of airway cells, and these cells produce different

metabolites. Our general hypothesis is that the presence of disease induces cellular stress and a change in cellular metabolism," says Adamko.

Urine is excellent for metabolomic studies due to the richness of its chemical composition and ease of collection. "Asthma has negative effects within the body and results in prolonged distress for children and their families. What is needed is a simple, non-invasive test for primary care doctors," explains Adamko. Progress to date is encouraging: the team has developed methods for analysis of multiple metabolites in urine that have not been previously perfected and the data gleaned from hundreds of urine samples could soon be translated into a commercially viable diagnostic test.



The University of Saskatchewan is a member of the U15, a group of the top research universities in Canada. The U of S hosts two unique national research facilities – the Canadian Light Source which is one of the

**Next  
Caucus Event**  
October 24, 2016  
Health Research Caucus  
Frailty Among the Aged in Canada

### Recent Caucus Event

**Pediatric Research  
and Child Health in Canada**  
La recherche pédiatrique  
et la santé des enfants au Canada



On May 9, Research Canada held a Health Research Caucus, Paediatric Research and Child Health in Canada. For more information please see [rc-rc.ca/pediatric-research-child-health-canada-2/](http://rc-rc.ca/pediatric-research-child-health-canada-2/)

### STAY IN TOUCH

@ResearchCca



[www.rc-cca](http://www.rc-cca)

world's leading synchrotron facilities, and VIDO-InterVac, a world leader in developing vaccines and technologies to fight infectious diseases in humans and animals. More than 20,000 students from around the world study at the U of S, and over 145,000 alumni are spread across the globe.



# Social Media Activity

Research Canada is a significant player!

Over 800

Facebook likes

100% increase in last year

Over 4,800

Twitter followers

20% increase in last year



[www.rc-rc.ca](http://www.rc-rc.ca)  
on Twitter:  
[@ResearchCda](https://twitter.com/ResearchCda)



TWEETS	FOLLOWING	FOLLOWERS	LIKES	LISTS
1,922	2,352	4,805	91	5

Edit profile

## Research Canada

@ResearchCda

Research Canada, a Cdn non-profit org, advocates for health research. Working for all Cdns, members incl. research institutes, charities, private

Tweets   Tweets & replies   Media



Pinned Tweet

46 Research Canada @ResearchCda · May 20

Nominate an indiv/org who has made outstanding efforts in advocating 4

## Your Tweet activity

Your Tweets earned **5,897 impressions** over the last week







# President and CEO Report to Members

June 1<sup>st</sup>, 2016

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