



YOUR CANDIDATES
YOUR HEALTH

VOS CANDIDATS
VOTRE SANTÉ

RESEARCH CANADA'S

2019 Campaign Kit



RESEARCH
CANADA

An Alliance for Health Discovery

RECHERCHE
CANADA

Une alliance pour les découvertes en santé



Consumer Health Products Canada

Consumer Health Products Canada (CHP Canada) is the industry association representing manufacturers of evidence-based over-the counter (OTCs) medicines and natural health products (NHPs). Together, OTCs and NHPs make up Canada's innovative consumer products industry, a sector that generated approximately \$6 billion in sales in Canadian sales and an additional \$1.5 billion in exports.

What is Self-Care?

Self-care is the ability of individuals, families and communities to promote health, prevent disease, maintain health, and cope with illness and disability with or without the support of a healthcare provider
– World Health Organization.

All Canadians benefit from enhanced self-care. It not only leads to better health outcomes for individuals and their families but also directly contributes to a more efficient and sustainable healthcare system. CHP Canada is dedicated to advancing evidence-based self-care. We envision a future where the essential role Canadians play in their own health is recognized and supported throughout their lives.

This is a future without preventable disease and where all Canadians can safely and confidently care for themselves while also having ready access to health professionals. This is a future designed to provide people with the broadest possible access to evidence-based health products, services, tools, and information.

Self-care research and innovation includes new health products, diagnostics, artificial intelligence, and information management that are increasingly coming together to support Canadians taking care of themselves at home.

In a world of open information and a self-serve culture of convenience and automation, supporting the research and innovation behind a national self-care strategy should be considered critical to achieving positive health outcomes.

Quick Facts

- Canadians want to care for themselves. More than three-quarters of Canadians prefer to manage a number of their own ailments and may actively seek health information online.
- Canada is increasingly burdened by chronic diseases which are best managed through self-care -- 44% of adults 20 years or older have at least one of the ten most common chronic conditions.
- If just 16% of Canadians who said their symptoms were mild practiced self-care instead of going to the doctor, an extra 500,000 Canadians could have access to a family doctor.

The most sustainable health care system involves people taking good care of themselves and seeking help from the right health professional at the right time. This is self-care.

"Canada continues to be without a nation-wide strategy to address the diabetes epidemic. The longer we delay implementing coordinated efforts with targeted outcomes, the more diabetes prevalence will increase and the more Canadians will experience its tragic complications. We urge all parties to support Diabetes 360° so Canada can be a world leader in the fight against this disease."

DR. JAN HUX
PRESIDENT AND CEO
DIABETES CANADA



"CNF believes that with the significant trends and pressures in our health care system, it becomes paramount that nursing research continues to be undertaken by nurses in collaboration with other health professionals to improve quality of life and care of Canadian patients, families, and communities. Investigating and advancing innovative health-care, while providing the groundwork for future practice-based research studies, is essential for a healthy Canada."

CHRISTINE RIECK BUCKLEY
CHIEF EXECUTIVE OFFICER
CANADIAN NURSES
FOUNDATION



"Canadians affected by rare diseases, many of whom are coping with severely debilitating or life threatening conditions, face many barriers to taking advantage of treatments. Our members are working to change that. Through our efforts to research and develop new therapies for rare diseases and support positive policy change, our goal is to bring new treatment options to the rare disease community in Canada."

BOB MCLAY
CHAIR
RAREi



About Research Canada

Research Canada is a national, broad-based alliance dedicated to increasing investment and support in health research and health innovation through collaborative advocacy. We believe health research and innovation are a shared benefit and responsibility and an investment in Canada's future. We engage and work with government, academia, industry and non-profit sectors to build support for balanced and long-term health research funding-investments that strengthen Canada's innovation system and lead to better health, sustainable health care, new commercialization opportunities and skilled jobs for Canadians.

OUR MISSION: To improve the health and prosperity of all Canadians by championing Canada's global leadership in health research and health innovation.

Our Members

Research Canada is proud to have over seventy member organizations which represent the diverse Canadian health research and health innovation ecosystem. Visit our website to view the full list of Research Canada's Members, Supporters and Partners.

The Parliamentary Health Research Caucus

The Parliamentary Health Research Caucus (PHRC) is a non-partisan, "owned by Parliamentarians" forum established in 2009 by Senator Wilbert Keon and Research Canada to engage elected officials in educational events that showcase Canadian health research and health innovation and to raise awareness about the social and economic benefits of Canada's health research enterprise and health innovation system.

Learn more about the *Your Candidates, Your Health* campaign at yourcandidatesyourhealth.ca

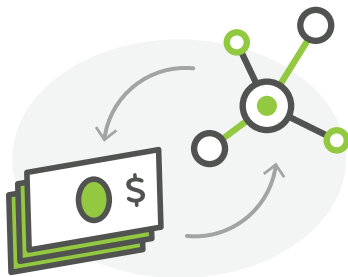
VALUE OF INNOVATIVE MEDICINES

Innovative Medicines Canada is proud to be an integral part of our country's world-class healthcare system, ensuring Canadian patients have the best access to innovative medicines and vaccines.



INNOVATIVE MEDICINES HELP CANADIANS LIVE HEALTHY, FULFILLING LIVES

Innovative pharmaceutical companies in Canada and around the world are changing the face of illness. We have the tools we need to manage and often cure diseases, and the best is yet to come. With personalized medicine and 7,000 new medicines in development, the future is bright.



INNOVATIVE MEDICINES ARE GOOD FOR THE HEALTHCARE SYSTEM

Spending on innovative medicines and vaccines helps prevent and cure diseases and makes substantial contributions to the healthcare system. New therapies help Canadians avoid costly hospital stays, invasive surgical procedures and, what can sometimes be, a lifetime of chronic illness. One study showed that for every \$1 spent on new medicines, non-drug expenses drop by more than \$7.



INNOVATIVE MEDICINES HELP DRIVE CANADA'S KNOWLEDGE-BASED ECONOMY

Innovative pharmaceutical companies are a critical part of the Canadian economy. According to a 2017 analysis by EY, Innovative Medicines Canada member companies generate \$19-billion in economic activity, invest \$1.2-billion annually into R&D to stimulate innovation and support 30,000 high value jobs.

"Canada is a nation of innovators. On a per capita basis, Canada boasts the fourth-largest science and technology workforce in the world—and nowhere is our heritage richer and our potential greater than in health research."

DR. RYAN WILEY
PRESIDENT, SHIFT HEALTH
AND POLICY ADVISOR, RESEARCH CANADA



Advocacy Messages

The unprecedented investments Canada has made and the initiatives it has taken in support of health research and innovation are poised to unleash the full potential of the Canadian research enterprise. We have all the ingredients to become a top-tier nation.

We need to ensure that we continue to develop a robust health research and health innovation ecosystem that will improve the health and wellbeing of all Canadians. To this end, and if you are successful in your bid to be elected to the Parliament of Canada in the 2019 Federal Election, we ask that you advocate with your party for the following:



1

Federal policy must recognize the interdependent and interconnected nature of the complete research and innovation enterprise. Its policymaking processes must evolve to reflect and support that ecosystem. A whole-of-government approach is essential to ensuring taxpayer-funded investments hit their targets.



2

Budget 2018 was a landmark reinvestment into Canadian research and innovation. But Canada remains significantly outpaced internationally and there is much more to do to catch up and lead. Canada must stay focused and continue to reinvest in the Tri-Council, support our next generation of scientists and fund the full costs of research.



3

We encourage government leaders and representatives to continue to promote research and innovation initiatives that address the needs and ambitions of those who have been historically underrepresented within and by it – Indigenous peoples, women, veterans and those of diverse abilities and gender, ethnic and cultural identities.



4

Canada must exhibit strong leadership and consistency with respect to its health and biosciences sector. It must create a regulatory regime that promotes rather than inhibits investment, understanding that such investment ultimately feeds back into the entire research and innovation ecosystem and creates a net benefit to patients, the health system, the knowledge workforce, and the social and economic wellbeing of all Canadians.

"With more than \$4 billion in annual export value from its Canadian facilities and a global reputation for quality and innovation, Bausch Health, Canada remains focused on the development, distribution, and manufacturing of pharmaceutical products and technologies for Canadians, right here in Canada. Having manufacturing infrastructure in Canada allows for effective local production, resulting in faster access for patients."

RICHARD LAJOIE
PRESIDENT AND GENERAL MANAGER, CANADA
BAUSCH HEALTH



BAUSCH Health

Integrated Youth Services: addressing youth mental health and substance use across Canada

Youth mental health distress, emergency room visits and in-patient hospital stays have increased dramatically in recent years. At the same time, youth and families who try to access services have reported a fragmented system with long wait times, large service gaps and difficulties obtaining help.

Today, a pan-Canadian movement is gaining momentum across the country to address these issues this movement is known as *Integrated Youth Services*.

The Graham Boeckh Foundation, together with many partners, have co-developed and co-funded several Integrated Youth Services projects across the country. These provincial and pan-Canadian projects are creating easy and rapid access to mental health and substance use services for youth in their own communities.

WHAT IS INTEGRATED YOUTH SERVICES?

Integrated Youth Services is a dynamic movement addressing mental health, substance use and related issues for youth aged 12 to 25 years. IYS offers rapid access to a variety of services:

- Mental health, including counselling, psychology and psychiatry
- Youth and family peer support
- Substance use
- Primary care
- Housing, employment and education
- A variety of recovery programs

These services are evidence-informed and culturally relevant, including for Indigenous peoples. IYS is also leading the way in youth mental health care research.

INTEGRATED YOUTH SERVICES ACROSS CANADA

Foundry British Columbia
foundrybc.ca

Alberta Integrated Youth Services
Youth Wellness Hubs Ontario
youthhubs.ca/en/

Aire ouverte Québec
quebec.ca/sante/trouver-une-ressource/aire-ouverte/

ACCESS Open Minds (pan-Canadian)
accessopenminds.ca

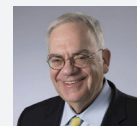
Frayme (pan-Canadian knowledge transfer)
frayme.ca

Graham Boeckh Foundation

The Graham Boeckh Foundation (grahamboeckhfoundation.org) is a private, family Foundation working to improve access to mental health and addiction services across the country. The Foundation is playing a major role in initiating and funding large Integrated Youth Services projects in a variety of jurisdictions. The Foundation also works with governments, philanthropy, researchers, service providers and youth and families to promote collaboration and knowledge transfer in mental health across Canada and internationally.

"As Canada's leading mental health research centre, CAMH aims to revolutionize the understanding mental illness. Through research, and continued investment in research, we want to do for mental illness what others have done for epilepsy, heart disease and cancer. We want to help people see mental health for what it really is—health."

DR. BRUCE POLLOCK
VICE PRESIDENT, RESEARCH
CENTRE FOR ADDICTION
AND MENTAL HEALTH (CAMH)



camh
mental health *is* health

The Current State of Health Research and Innovation in Canada

Budget 2018 ushered in an unprecedented investment into Canada's research ecosystem¹. This nearly \$4 billion commitment recognizes the central role of the Canadian research enterprise in driving economic growth, innovation, and producing a highly skilled workforce. While encouraging, this investment is only the start in correcting years of health research underfunding.

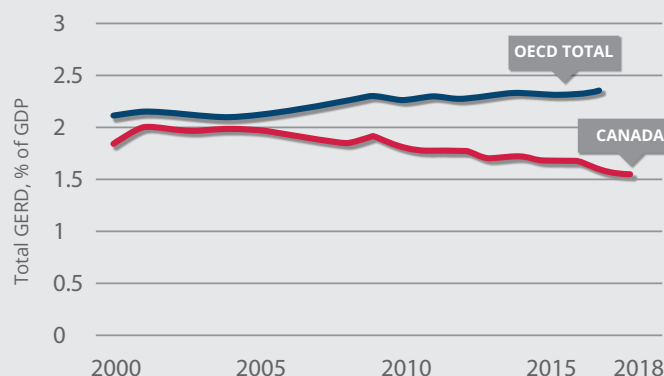
Health research is a key priority for Canadians. A robust ecosystem of research and innovation underpins the Canadian healthcare system, long considered a source of national pride. Canada's research efficacy; however, has eroded in recent years when compared with international peers.

CANADA AT THE INTERNATIONAL TABLE

Worldwide, Canada is no longer in the top 30 nations in terms of total research intensity.

Canada's gross domestic spending on R&D (GERD) has been declining slowly over the last 15 years.

While Canada has the highest higher education expenditures on R&D (HERD) among the G7, the federal share is much lower than other countries at 23%.



Source: Organization for Economic Co-operation and Development. *Gross domestic spending on R&D*

1. Government of Canada, D. of F. *Canada's Budget 2018*. (2018). Available at: <https://www.budget.gc.ca/2018/docs/themes/progress-progres-en.html>

"CHP Canada's members have a long history of advancing healthcare by developing products that allow Canadians to take better care of themselves. We are approaching an exciting point, where research and technology advancements are optimising health systems featuring self-care as one of the most innovative approaches to improving health coverage for all. We are confident that we can work with government and other stakeholders to advance self-care and support our member companies in their meaningful work for the everyday and long-term health of Canadians and the sustainability of our health care system."



KAREN PROUD
PRESIDENT
CHP CANADA

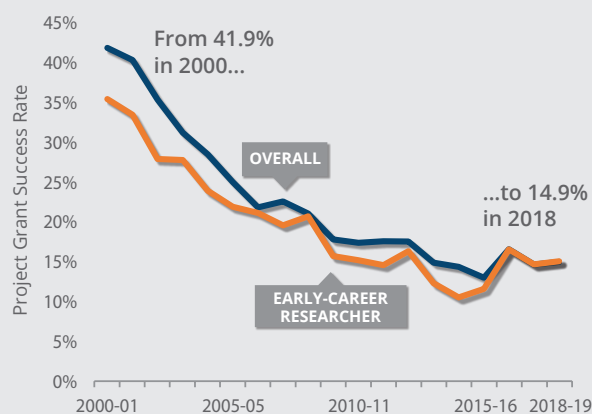
Consumer Health | Produits de santé
Products Canada | Produits de santé
du Canada

"Roche continues to grow its footprint in Canada with the establishment of four global hubs at our Mississauga site. This expansion is a testament to our skilled and talented workforce and offers tremendous opportunity to solidify Canada's reputation as a life sciences hub."

MR. RONNIE MILLER
PRESIDENT AND CEO
HOFFMANN-LA ROCHE LTD.



SUPPORTING CANADA'S HEALTH RESEARCHERS AND INNOVATORS



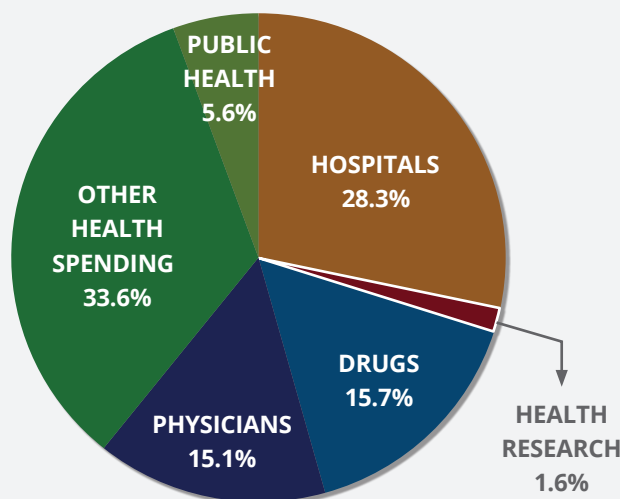
Researchers in Canada struggle to find funding for the health research projects that can lead to innovative health solutions. Success rates of the Canadian Institutes of Health Research (CIHR)'s project grant competition have steadily been declining over the past two decades.

Canada's future generation of health researchers and innovators are particularly disadvantaged. Despite the steadily increasing number of PhD and post-doctoral fellows in Canada, the number of federally-administered awards and fellowships have not kept pace.

Source: Canadian Institutes of Health Research

FUNDING FOR CANADIAN HEALTH RESEARCH AND INNOVATION

Canada spends only 1.6% of total public expenditures on health to fund health research.



Source: Canadian Institute for Health Information. National Health Expenditure Trends, 1975-2018

"Evidence is the most powerful tool in advancing health care, and to spark change we must connect research and real-world impact. That's why at CHÉOS, we produce the high-quality evidence needed to create better health outcomes for Canadians. We must continue to work together, asking the relevant questions to address current gaps in knowledge while training the next generation of health researchers to push innovation even further."

DR. ASLAM ANIS
DIRECTOR, CENTRE FOR HEALTH
EVALUATION AND OUTCOME
SCIENCES (CHÉOS)



"Research represents hope for everyone who ever has faced, or ever will face, the prospect of a major illness. Our objective at the Lady Davis Institute, which we share with Research Canada, is to advance science in order to improve the quality of life and outcomes for patients. Our researchers and clinicians work in a continuous feedback loop to translate knowledge from the bench to the bedside and back in furtherance of those objectives."

DR. RODERICK R. MCINNES
DIRECTOR
LADY DAVIS INSTITUTE



Hôpital général juif
Jewish General Hospital
Institut Lady Davis | Lady Davis Institute

FUNDING FOR CANADIAN HEALTH RESEARCH AND INNOVATION - CONTINUED

Compared to corporate and hospital research spending, public spending on health research in Canada is very low.



Federal and provincial/
territorial governments
spend

1.6%

of total health expenditures
on health research.



Canada's top 40 research
hospitals spend a
median of

7.6%

of total hospital spending
on health research.

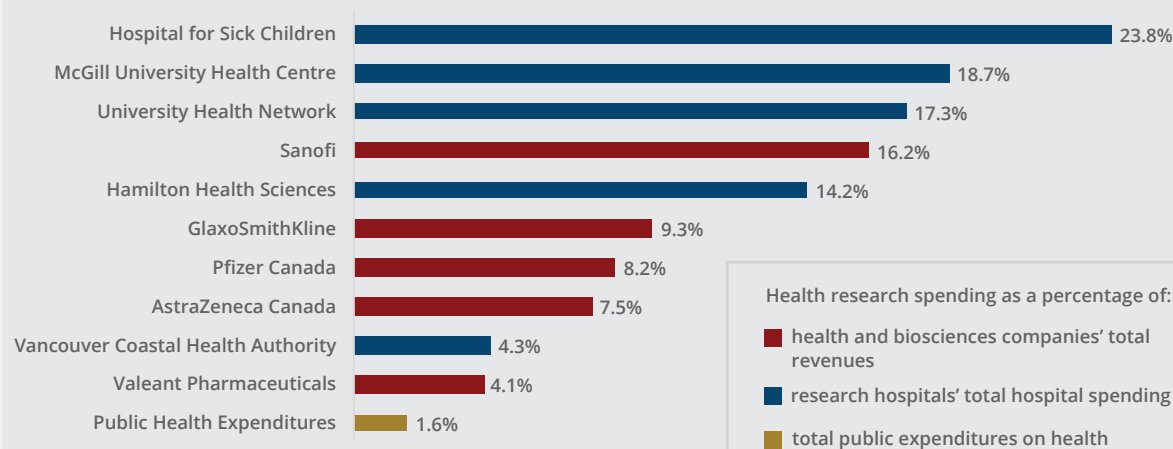


The pharmaceutical and
biotechnology companies on
Canada's top 100 Corporate R&D
spenders spend a median of

12.8%

of total revenues on R&D.

Many of Research Canada's Members, Supporters and Partners are among the top research hospitals and pharmaceutical and biotechnology companies supporting health research and the development of innovative health products.



Sources: Research Infosource Inc. *Canada's Top 40 Research Hospitals 2018* and *Canada's Top 100 Corporate R&D Spenders 2018*; Canadian Institute for Health Information. *National Health Expenditure Trends, 1975 to 2018*

INTO THE FUTURE

Further efforts are sorely needed to ensure Canada reverses its previous course, propelling Canadian health research and innovation into a globally competitive space.

Visit yourcandidatesyourhealth.ca for more information.

"Federal investments in health research not only contribute to a healthy vibrant population, they are drivers of Canada's economy, fueling innovation and commercialization from coast to coast. Today in Canada, we understand that a limited portion of all health research dollars are targeted towards advancing health outcomes for children and youth who may suffer from rare disease, pediatric cancers, neurodevelopmental disabilities, or childhood asthma. The Pediatric Chairs of Canada and Children's Healthcare Canada believe that investments in children's health and health research are urgently required to reverse alarming trends in the health and wellbeing of children and youth in Canada."



MS. EMILY GRUENWOLDT
PRESIDENT & CEO
CHILDREN'S HEALTHCARE CANADA
AND EXECUTIVE DIRECTOR
PEDIATRIC CHAIRS OF CANADA



NATIONAL PUBLIC OPINION POLL ON HEALTH AND MEDICAL RESEARCH

Canadians understand that health research improves health and creates tomorrow's jobs. They also know that health research holds a promise for the future – possible cures and better health care for all of us.

LEADERSHIP AND PRIORITIES



86%

of Canadians are more likely to vote for a Candidate who supports health and medical research.



91%

of Canadians say Canada should be a global leader in health and medical research.



86%

of Canadians say their province should be a national leader in health and medical research.

Canadians view health and medical research as having a greater impact over the past decade:



91%

say it makes an important contribution to the healthcare system.



81%

say it makes an important contribution to the economy.

Compared to 2015, more Canadians think health and medical research makes a **very important** contribution:

To the healthcare system:



To the economy:



"It is with great pleasure that Concordia University is participating in Research Canada's Your Candidates, Your Health initiative. As a next-generation university committed to innovation and excellence in health research, we share Research Canada's core values about the importance of promoting health research in all areas."

DR. CHRISTOPHE GUY
VICE-PRESIDENT
RESEARCH AND GRADUATE STUDIES
CONCORDIA UNIVERSITY



"It's a very exciting time to be part of the biopharmaceutical sector. The scientific innovation we are seeing, and helping to drive, is revolutionizing how certain diseases are diagnosed, treated and in some cases, cured. Precision medicine and breakthrough science including antibody-drug conjugates, immunotherapy and monoclonal antibodies are transforming how patients with chronic and fatal diseases are being treated around the world."

DR. NEIL MARESKY
VICE PRESIDENT SCIENTIFIC AFFAIRS
ASTRAZENECA CANADA



AstraZeneca 

INVESTMENTS



9 out of 10 Canadians agree that
basic research is necessary and should be
supported by the federal government.

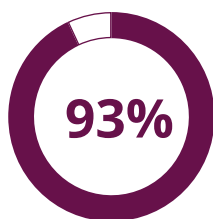


9 out of 10 Canadians consider it important that
federal and provincial governments invest in the education and training of health and medical researchers.

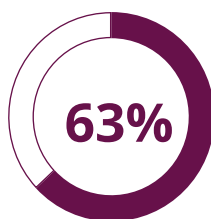


6 out of 10 Canadians are still willing to
pay out of pocket to support health and medical research and to pay more
taxes for Canadian-made health science innovations and technologies.

PUBLIC ENGAGEMENT IN HEALTH AND MEDICAL RESEARCH



of Canadians say clinical
research has important value.



are interested in getting involved in health and medical
research, but less than one-third of Canadians are
familiar with local research going on at universities and
hospitals and are aware of opportunities to participate.

Learn more at yourcandidatesyourhealth.ca

"The member companies of Innovative Medicines Canada have a strong history of success in discovering, developing and delivering medicines and vaccines that Canadians need to live healthy and productive lives. We have, over time and as a country, prioritized innovative health research within the health care system, with the effect of creating an environment that allows our best and brightest to do their complex and important work. We want to work with all levels of government will continue to support life sciences research in Canada through effective and thoughtful public policy. This includes developing policies and programs that ensure Canadians have access to new medicines, when they need them."

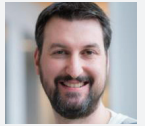


PAMELA FRALICK
PRESIDENT
INNOVATIVE MEDICINES CANADA

INNOVATIVE
MEDICINES
CANADA  MÉDICAMENTS
NOVATEURS
CANADA

"At AGE-WELL, our focus is on helping older adults stay healthy and independent for as long as possible, while assisting those living with impairment and disability. We believe that technology can help all of us to age well but it is not enough. We need meaningful and sustained multi-sectoral partnerships to make a difference in the lives of Canadians."

DR. ALEX MIHAILIDIS
SCIENTIFIC CO-DIRECTOR AND CEO
AGE-WELL



HEALTH RESEARCH AND INNOVATION IN CANADA: Bringing Innovative Solutions to Patients

Supporting health research and health innovation is critical to ensuring the health and well-being of Canadians. Each stakeholder – from government to academia, from our health and biosciences companies to health charities and patient groups – has a pivotal and unique role to play in Canada's health research and health innovation system.

But don't take it from us – take it from Canadians.

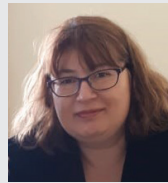


HEALTH RESEARCH & INNOVATION



Danielle McCully
PATIENT, KINGSTON HEALTH
SCIENCES CENTRE

*"I want to make a
difference for the future."*



Dr. Julia Uhanova
RESEARCHER, UNIVERSITY
OF MANITOBA

*"Before we do some interventions,
we need to understand: How big
is the problem, really?"*

Heather Chalmers
PRESIDENT, GE HEALTHCARE CANADA

*"We want to encourage women
to get screened for breast
cancer by taking some of the
fear out of the mammogram."*



Major Ronald Miller
PATIENT, LAWSON HEALTH
RESEARCH INSTITUTE

*"Research strengthens
our understanding and
treatment of PTSD."*



Dr. Nada Jabado
RESEARCHER, RI-MUHC

*"What we have accomplished
as a team in this study
brings hope for patients."*



Dr. Husam Abdel-Qadir
EARLY-CAREER RESEARCHER, WOMEN'S
COLLEGE RESEARCH INSTITUTE

*"The future of health research:
meeting the needs of under-
represented patients."*



IMPROVED HEALTH & WELLBEING FOR CANADIANS

Visit yourcandidatesyourhealth.ca to read these stories & more.

"Merck Canada strongly believes that collaboration is the key to the future of innovation in the health sector. Industry and government have a shared responsibility to work together towards the common goal of building a robust healthcare environment that will provide meaningful benefit to Canadian patients."

JENNIFER CHAN
VICE-PRESIDENT
POLICY AND EXTERNAL AFFAIRS
MERCK CANADA



CANADA IS IN URGENT NEED OF A DIABETES STRATEGY: DIABETES 360°

Diabetes is a national epidemic with 11 million Canadians living with diabetes or prediabetes. Treating the disease will cost our healthcare system nearly \$30 billion this year. Diabetes rates are rising at a rate of 40% per decade and show no signs of slowing down.

EVERY 24 HOURS:

- More than **20 Canadians die** of diabetes complications
- **620** receive a diagnosis of diabetes
- **14** have lower limb amputations
- Our health care system spends **\$79 million** treating diabetes



The World Health Organization recommends every country implement a national diabetes strategy-and since 2013, Canada has been without one despite having one of the highest rates of diabetes prevalence amongst the world's most developed nations.

Canada must do better.

Diabetes can only be addressed by committed and coordinated leadership. With a national diabetes strategy, the federal government can help to prevent a million cases of diabetes and avoid hundreds of thousands of hospitalizations for diabetes-related consequences in the next ten years.

What does Diabetes 360° mean for all Canadians?

If we implement a Diabetes 360° nation-wide strategy, we can have:

90% of Canadians living in an environment that prevents the development of diabetes

90% of Canadians aware of their diabetes status

90% of Canadians with diabetes engaged in preventing complications

90% of those Canadians achieving improved health outcomes

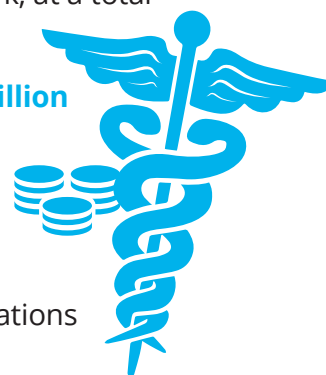
Diabetes 360° can be implemented by a task force that bring metrics, best practices and continuous improvement expertise through partnership with the provinces, territories and municipalities to address key needs for people with or at risk of diabetes. That task force would need 7 years to do this work, at a total cost of \$150 million.

An investment of \$150 million will save \$20 billion in prevention alone with:

770,000 fewer cases of type 2 diabetes

245,000 fewer hospitalizations for diabetes

34,000 fewer lower limb amputations



SIGN THE PETITION
to make Diabetes 360° a reality. It's time.

Visit diabetes.ca/strategy

DIABETES
CANADA

END
DIABETES

Thank you

TO OUR SPONSORS



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. For more information: www.astrazeneca.ca.



Consumer Health Products Canada is the industry association representing the companies that make evidence-based over-the-counter medicines and natural health products. These are the products you can find in medicine cabinets in every Canadian home. We work to shape a policy and regulatory environment that recognizes self-care as vital to the health of Canadians and the sustainability of our healthcare system. This ensures that Canadians have access to safe and effective products for their health.



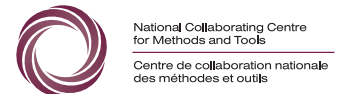
Diabetes Canada is the registered national charitable organization that is making the invisible epidemic of diabetes visible and urgent. Diabetes Canada partners with Canadians to End Diabetes through:

- Resources for health-care professionals on best practices to care for people with diabetes;
- Advocacy to governments, schools and workplaces; and
- Funding world-leading Canadian research to improve treatments and find a cure.

Diabetes Canada is urging candidates in all parties to support the Diabetes 360° strategy to help urgently address the diabetes epidemic. For more information, visit diabetes.ca/strategy.



Innovative Medicines Canada is the national voice of Canada's innovative pharmaceutical industry. We advocate for policies that enable the discovery, development and commercialization of innovative medicines and vaccines that improve the lives of all Canadians. We support our members' commitment to being valued partners in the Canadian healthcare system.



BRIGHTER WORLD

