



ANNUAL REPORT 2018

TRUSTED POLICY INTELLIGENCE FOR CANADIANS

INSTITUT C.D. HOWE



C.D. HOWE INSTITUTE



OUR MISSION

The C.D. Howe Institute is a registered charity, and an independent not-for-profit research institute whose mission is to raise living standards by fostering economically sound public policies. Widely considered to be Canada's most influential think tank, the Institute is a trusted source of essential policy intelligence, distinguished by research that is nonpartisan, evidence-based and subject to definitive expert review.

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The C.D. Howe Institute wishes to recognize the contribution of the late Naseem Somani to the Board.

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The C.D. Howe Institute has won more research awards than any Canadian think tank, including over a quarter of the Canadian Economics Association's Purvis Prizes, the highest honour in Canadian economic policy writing.

ESSENTIAL OUTPUT

77

exclusive, off-the-
record events

27

policy council
meetings

69

high-quality
research and policy
council reports

ENGAGING GOVERNMENT

50 policy outreach presentations



10,000+

citations in Canadian
and international media



10,000+

citations in social media

STIMULATING DEBATE



800,000+

website page views



Most cited think tank in
the *Globe and Mail* and
National Post, Canada's
two national dailies



MESSAGE FROM THE CHAIRMAN

Hugh L. MacKinnon
Chair, C.D. Howe Institute

The C.D. Howe Institute is an organization with a simple mission – to raise the living standards of Canadians by fostering economically sound public policy. Trust, integrity and objectivity are our bywords, and with each year the volume of the Institute’s contribution to the economic welfare of Canadians grows with the addition of more top-of-class, peer-reviewed research.

As Chair of the Board, I help oversee the Institute’s governance on behalf of its primary stakeholders – the individuals, corporations, postsecondary institutions and foundations that give so generously to support our policy work.

As you will see elsewhere in these pages, the Institute made a significant contribution to Canadian public discourse in 2018, with 77 exclusive policy events and 69 research papers over a range of subject areas. The impact of this work is reflected in more than 10,000 citations in Canadian and international media as well as a record of more than 800,000 website page views.

On behalf of the Board, I would like to recognize the Institute’s President & CEO Bill Robson for his first-rate leadership, as well the Institute’s Senior Vice President and Chief Operating Officer, Duncan Munn, who ensures that the Institute, despite its modest funding, runs an efficient and effective operation. Thanks is also due to the outstanding research team, staff and scholars at the Institute for another incredible year of achievement.

Sadly, the Institute lost a number of close friends in the past year. Naseem Somani, who was appointed to the board in 2017, was a passionate and inspiring leader whose insights and experience will be sorely missed. Michael Wilson’s great contribution to the International Economic Policy Council, which he chaired since 2014, cannot be understated. Grant Reuber, who chaired the Board with much wisdom during the 1980s, also passed away.

Finally, we pay tribute to the Institute’s members and friends. Your commitment to evidence-based public policy in Canada and the well-being of Canadians is what makes the Institute’s work possible. Your continued philanthropic support enables us to work towards a Canada driven by smart policies.

A handwritten signature in black ink, appearing to be 'H. MacKinnon', written in a cursive style.



MESSAGE FROM THE PRESIDENT & CEO

William B.P. Robson

President and Chief Executive Officer,
C.D. Howe Institute

It would be easy, thinking back to the policy dysfunctions of 2018 – and the equally dismal tone and content of much public discourse last year – to succumb to gloom. Spending and borrowing are signature policies in Ottawa; supporting investment and enhancing economic competitiveness, not so much. Divisive politics and sloganeering, much of it hostile to entrepreneurship and economic success, was much too common across the Canadian political landscape. With many Canadians experiencing serious hardship, the opportunities for mischief by populists peddling fake news are real enough.

Yet 2018 gives us much to look back on beyond dysfunction and divisive discourse. Output, jobs and incomes ended the year higher than they started it virtually across the country. The federal government backed off on some of its proposals for increasing taxes on small businesses, and made a down payment on responding to US tax reforms by allowing immediate write-offs on machinery investments. The language – and, more often than not, the substance – of fiscal policy took a turn for the better at the provincial level. Canada also maintained its fundamentally open stance toward foreign trade and investment, liberalizing in areas such as dairy and thresholds for dutiable imports, and successfully resisting some of the more protectionist demands of the US re-negotiators of NAFTA. In these and other areas, Canada's public policy discussions focused on the actual merits of ideas to an extent seldom seen abroad.

At the C.D. Howe Institute, we strove throughout the year to promote better policy with good ideas, by stressing facts and logic in our analysis, and by maintaining a constructive, reasoned tone in our communications. In a world of polarized opinion, disinformation, and skepticism, the Institute can make an all the more important contribution by being non-partisan, objective, and credible. In the many areas where our work made a difference in 2018 – ranging from the quality of governments' financial reports, through business and family taxation, international trade, financial regulation, even cannabis legalization – our emphasis on evidence and constructive recommendations bore fruit.

The Institute's distinctive approach attracts talented people to join forces with us as colleagues and fellows. Grant Bishop joined us as an Associate Director of Research based in Calgary. Glen Hodgson, John Pecman, and Debra Steger, among many others, joined an exceptional roster of Institute Fellows. A particularly key contribution to the quality of the Institute's research is our annual audit of our publication and review process – unique among think tanks anywhere to my knowledge. Our 2018 auditors were Frances Wooley, professor of economics at Carleton University and immediate Past President of the Canadian Economics Association, and Gordon Thiessen, former Governor of the Bank of Canada and founding chair of the Canadian Public Accountability Board.

The Institute's objective approach also attracts valued members and others who support the Institute's work with financial and intellectual contributions – more often than not, with both. Our policy councils spearhead work

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MESSAGE FROM THE PRESIDENT & CEO (CONTINUED)

and make recommendations across the economic policy spectrum: monetary and competition policy, fiscal and tax policy, energy, health and human-capital policy, as well as pensions and international policy.

A highlight of the Institute's programming for members, colleagues and policymakers alike is our events program. This past year featured such standouts as: our Director's Dinner with Victor Dodig, Roy Gori and Marcia Moffat; our Annual Scholar's Dinner with Michael Ignatieff; the launch of the Regent Debates, with our inaugural event featuring Paul Begala, Conrad Black, Janice MacKinnon and Hugh Segal; and over 70 roundtable luncheons in Toronto, Montreal, Calgary and Ottawa.

To everyone in the C.D. Howe Institute's community – colleagues, fellows, board members, donors, and the academic, policymaking and business leaders who support our work – my deepest gratitude. Together, we made the environment for Canadians to work, save, invest and enjoy their lives a little bit better in 2018. And together, we will build on that success in 2019 and beyond.



(From left to right)

William B.P. Robson, President and CEO, Joan Price, Corporate Secretary and Executive Assistant to the President and CEO and Duncan Munn, Senior Vice President and Chief Operating Officer.



MESSAGE FROM THE SENIOR VICE PRESIDENT & COO

Duncan Munn

Senior VP and Chief Operating Officer

In 2018 we saw continued growth in memberships and philanthropic donations, allowing us to further our investments in key strategic areas, to build on our events program and to enhance our outreach. This helps us amplify our key message: The C.D. Howe Institute is Canada's most trusted source of essential policy intelligence, and its work yields real benefits for Canadians.

The last year saw a number of key developments in our events program. We debuted the Regent Debates – a biannual debate series aimed at creating a marquee platform for serious discussion on the policy issues that are essential to Canada's future. The Institute is extremely grateful to Aaron and Heather Regent whose generosity has made this special series possible. We also expanded our presence in Western Canada, with a growing number of events held in Calgary. In addition, we hosted an increased number of special policy conferences in 2018, notably on subjects such as open banking and the Canadian housing market.

The year 2018 also saw the launch of an exciting new product – the C.D. Howe Institute Podcast. This new medium for getting across our message to an ever-widening audience sees broadcaster Michael Hainsworth bringing his experience as an interviewer to the Institute and holding discussions on the policy issues that matter with high-level business executives, government ministers and Institute authors.

The Institute's reach in audience increased in many other ways, notably in terms of our social media presence. From the end of 2017 to the close of 2018, the Institute's Twitter followers grew by 59%, with record numbers for social media engagement, and interactions with senior decision-makers through a variety of platforms. Add to that our strong showing in traditional media, with 198 citations in the Globe and Mail and the National Post, more than any other think tank, and it becomes even clearer that the Institute's public profile across Canada is stronger than ever.

Through the implementation of this expanded offering, the C.D. Howe Institute continues to grow its membership and find new ways in which to expand our relationships with business, government and academia. The goals that have been achieved over the last year have advanced the Institute's research agenda and increased the effectiveness of our policy work. The new initiatives in this report could not have taken place without strong and loyal member support, the involvement of policy leaders and scholars, and the hard work and expertise of my colleagues at the Institute. With your support we will continue to deliver award-winning public policy and help advance solutions that improve the lives of Canadians.

THANK YOU FOR YOUR CHARITABLE GIVING

\$500,000 multi-year gift

Aaron and Heather Regent

“Heather and I are deeply honored to be associated with the C.D. Howe Institute, and in our own small way to do what we personally can to help support the development of smart policies for Canada. The Institute plays a unique role as trusted policy advisor to the nation, and having served on the board of the Institute since 2005, I have an insider’s view of the quality and independence of its work and contribution to smart policy.”

– Aaron Regent, founder, Regent Debate Series



\$675,000 gift over three years

The Aurea Foundation, established by Peter and Melanie Munk



Philanthropy from the Aurea Foundation, which closed operations in 2018, contributed more than \$1 million to the Institute over the years, including a \$675,000 grant that bolstered our organization’s communications capacity from 2016 through 2018. The Institute is profoundly grateful for the support of Peter and Melanie Munk, the Foundation’s founders.

\$150,000 gift over 3 years

Edmund Clark, former President
and CEO, TD Bank Group



\$125,000 over 5 years

The Petman Foundation

Richard Howson, President, The Petman Foundation

\$23,000 gift in 2018

Briar Foster



2018 MAJOR GIFTS AND GRANTS

As a charity, the C.D. Howe Institute depends on private support to do its work. People are often surprised by our modest resources. We have only one office, and fewer than 40 staff. We have no eight-figure endowments or major, multi-year government grants. All donations are purely philanthropic – the Institute does not accept any donations that stipulate a predetermined result or otherwise inhibit the independence of its staff and authors.

Targeted major gifts and event sponsorships enable supporters to bolster the Institute's research and dissemination capacities in specific areas of interest. They complement the annual membership campaign, strengthening the Institute and enabling it to recruit scholars and support programs that enhance its ability to develop innovative solutions to policy challenges. We gratefully acknowledge the following donors and sponsors:

Major Gifts and Grants

Abbott Laboratories Ltd.	The Conference for Advanced Life Underwriting	Insurance Bureau of Canada
Advocis	Jack Cockwell	Duncan Jackman
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	Imperial Oil	The W. Garfield Weston Foundation
		Red Wilson (The Wilson Foundation)



THE INSTITUTE'S 2018 RESEARCH MISSION

Daniel Schwanen

Vice President, Research

The C.D. Howe Institute's research mission is to improve Canadians' understanding of economic policy issues and develop constructive recommendations for policy-makers toward improving Canada's economic performance.

In 2018, the Institute's research team has been very active in seeking to fulfill this mission, mirroring an eventful year across a range of policy issues affecting Canadians. From Canada's energy and other infrastructure challenges, to getting the terms right for North America's new trade agreement, to the cost of housing and the planned implementation of nation-wide carbon pricing, the Institute has published timely and influential research about choices faced by decision-makers on the top-of-mind economic issues for Canadians.

The Institute's research team strives to provide meaningful analysis on issues of immediate concern for policymakers and Canadians, without shortchanging the need to develop our understanding of how population, technological and other longer-term trends will affect Canadians' well-being in years to come. Indeed, the Institute prides itself in having foreshadowed, sometimes by many years, important policy needs, and assisted in providing options to address them.

In short, the Institute's research aims at leading the national policy discussion on the economic policy environment that is best suited to raising Canadians' standards of living now and in the future.

The Institute's research in 2018 covered the impact of both automation and immigration on Canada's work force, the impact of taxes, trade barriers and regulation on the competitiveness of Canadian industry, the preparedness of our fiscal and health systems for an aging population, the soundness of our financial and monetary systems in the face of new technologies, and many other aspects of our evolving economy that directly affect Canadians' standards of living.

A guiding principle of our work is our independence. The Institute's work is conducted along strictly non-partisan lines, and its external authors are asked to disclose any conflict of interest. The Institute does not accept donations that are predicated on pre-determined conclusions or a particular policy stance, or indeed, any other position that would inhibit our authors' independence.

Peer-reviewed publications constitute the bedrock of the Institute's research output, and the quality of our publications is predicated on the comprehensive and rigorous nature of our external review process. In turn, the integrity of this external review process is assessed once a year through a formal audit conducted by academic or other experts.

The intellectual contributions that Council members, fellows, authors and expert reviewers across Canada make cannot be overstated. They make the high quality of the Institute's deliberations and the relevance and quality of its research output possible. The Institute's reputation for authoritative analysis owes a great deal to their insights and advice.

The Institute's research program also relies on the support of its members and benefactors, and on the ideas and suggestions by our conference participants, event guests and discussants.

Our work would not be possible without this extended community, nor without the constant and effective collaboration of the Institute's editors, members of the communications, production and events teams, and so many others at the Institute. I am very grateful to all of those who have contributed to the quality and relevance of the Institute's research, and look forward to furthering with all of you the conversation about how the economy of the future will affect the lives and prosperity of Canadians.

A handwritten signature in dark ink, reading "Daniel Schwanen".

Our Peer-Review Process

Institute publications undergo rigorous external review by academics and independent experts drawn from the public and private sectors. We are very grateful to those reviewers, some of whom are identified on page 14.

We evaluate potential reports using methods such as single and double-blind review, to ensure objectivity. The research and commentary – rather than the identity of authors and reviewers – is the paramount consideration. We work continually to improve the review process so that it is the best in class: it is audited every year by two academics or other professionals, and a formal response to their recommendations is provided and implemented by Institute management. Our peer-review process ensures the quality and integrity of the policy research, and we will not publish any study that, in our view, fails to meet the standards of that review process.

The C.D. Howe Institute's Research Quality Audit:

2018: Gordon Thiessen and Frances Woolley

2017: Kevin Dancey and Angelo Melino

2016: Charles M. Beach and Lawrence Herman

2015: Steve Ambler and Thorsten Koeppl

2014: Peter Howitt and Kevin Milligan

2013: David Laidler and Edward Iacobucci



(From left to right)
Gilles Gauthier, Marie-France Paquet, Armand de Metral and Daniel Schwanen

Research Team

(as of April 30th, 2019)



William B.P. Robson
President and CEO



Rosalie Wyonch
Policy Analyst

Daniel Schwanen
Vice President,
Research

Farah Omran
Junior Policy
Analyst



Parisa Mahboubi
Senior Policy Analyst



Abby Sullivan
Researcher

Grant Bishop
Associate Director, Research



Kristine Gray
Senior Coordinator, Research and Executive Assistant to
the Vice President, Research



Jeremy Kronick
Associate Director, Research

Alexandre Laurin
Director of Research

THE INSTITUTE'S 2018 REVIEWERS

C.D. Howe Institute publications undergo rigorous external review by academics and independent experts drawn from the public and private sectors. We thank the following reviewers for their support in 2018:

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Davies Ward Phillips &
Vineberg LLP

Brian Ahearn

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THE INSTITUTE'S 2018 REVIEWERS (CONTINUED)



Tiff Macklem



Åke Blomqvist



The Second Regent Debate

Ensuring Fiscal and Financial Stability

Stable fiscal and financial systems form the policy bedrock on which Canadians can continue to confidently envisage the future. At the same time, these systems must also adapt to evolving competitive circumstances, as a focus on stability should not hinder growth.

The 2018 edition of the C.D. Howe Institute's federal Shadow Budget focused on how to set such a course between striving for fiscal sustainability and responding to competitive pressures – particularly pressures emanating from the United States with respect to trade and taxation. It proposed, among many concrete measures, an accelerated write-off for business investments, holding the line on public sector costs, and to focus infrastructure spending where the federal government can have the most impact, while disposing of non-core government assets.

In a similar vein, a new C.D. Howe Institute report on Ontario's economic future laid out a roadmap for fostering fiscal soundness and economic growth with the considerable tools at the province's disposal, including proposed measures for improving budgetary transparency, cost control, and spurring economic activity in sectors regulated by the province.

In related work, the Institute produced a preliminary estimate of taxpayers' responsiveness to the 2016 top federal income tax rate hike, suggesting that the resulting increase in federal revenues was weak, while the provincial tax base actually eroded as a result of taxpayers' behavioural response. On the public spending front, the Institute's work updated the fair value estimates for federal employees' pensions, showed that changes to immigration levels could not of themselves prevent Canada from facing the fiscal consequences of an aging population (in contrast to complementary measures such as encouraging a later

retirement age), and noted with alarm the propensity of actual public health expenditures to exceed their planned annual growth.

The Institute's research in 2018 also tackled two emerging issues with important fiscal implications for governments, namely estimating the size of the illegal market – and hence lost tax revenues – that would continue to thrive in the event of unnecessary restrictions on legal marijuana supply; and how the federal government could navigate the rocky road ahead for Canada-wide carbon pricing.

On the financial stability front, research published by the Institute highlighted the challenges faced by those hoping to institute new international prudential standards, in a world of growing nationalism, and made practical recommendations for standard-setters as they collaborate across borders. Another publication highlighted the ways in which Canada had in some ways become an easy target in the global money laundering game, pointing to hidden beneficial ownership and control as a key culprit. Also addressed by Institute research were the ways in which regulators could balance investor protection with the need to foster innovation with respect to Initial Coin Offerings.

The Institute's rich history of commentary and analysis on Canadian monetary policy saw the addition of a new book authored by Fellow-in-Residence Steve Ambler and Associate Director of Research Jeremy Kronick, documenting the challenges, policy, conduct, and outcomes of Canadian monetary policy during the period since before the Great Recession. It was the latest in a series of Institute books that together seamlessly cover fifty years of Canadian monetary policy. As well, Institute publications in that area countered the popular notion that commodity prices are the best predictor of the future exchange rate for the Canadian dollar, and showed that the trend to an older population can reduce the effectiveness of monetary policy tools.

Fiscal and Tax Competitiveness Council

CHAIR

Michael Horgan

Former Deputy Minister, Finance Canada; Senior Advisor, Bennett Jones

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Department of Finance Canada (Observer Status)

Ministère des Finances du Québec



Peter van Dijk

Fiscal and Tax Policy Research List

Two-Parent Families with Children: How Effective Tax Rates Affect Work Decisions

January 2018 – Alex Laurin

Righting the Course: A Shadow Federal Budget for 2018

February 2018 – Alex Laurin, Rosalie Wyonch and William Robson

Fiscal Soundness and Economic Growth: An Economic Program for Ontario

March 2018 – Ben Dachis

The Numbers Game: Rating the Fiscal Accountability of Canada's Senior Governments

May 2018 – William Robson and Farah Omran

Blown Budgets: Canada's Senior Governments Need Better Fiscal Controls

May 2018 – William Robson and Farah Omran

Unhappy Returns: A Preliminary Estimate of Taxpayers Responsiveness to the 2016 Top Tax Rate Hike

September 2018 – Alex Laurin

Piling On – How Provincial Taxation of Insurance Premiums Costs Consumers

October 2018 – Alex Laurin and Farah Omran

Cannabis Countdown: Estimating the Size of Illegal Markets and Lost Tax Revenue Post-Legalization

October 2018 – Rosalie Wyonch and Anindya Sen

Show Us the Numbers: Grading the Financial Reports of Canada's Municipalities

November 2018 – Farah Omran and William Robson

Business Tax Burdens in Canada's Major Cities: The 2018 Report Card

December 2018 – Peter Tomlinson and Adam Found

Wild Numbers: Getting Better Fiscal Accountability in Canada's Municipalities

December 2018 – William Robson and Farah Omran



Alexandre Laurin and Michael Horgan

Monetary Policy Council

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Monetary Policy Research List

Understanding the Volatility of the Canadian Exchange Rate

February 2018 – Martin Eichenbaum, Benjamin Johansson and Sergio Rebelo

Faulty Transmissions: How Demographics Affect Monetary Policy in Canada

March 2018 – Jeremy Kronick and Steve Ambler

Navigating Turbulence: Canadian Monetary Policy Since 2004

December 2018 – Steve Ambler and Jeremy Kronick



Steve Ambler and Jeremy Kronick



Financial Services Research Initiative

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Financial Services and Regulation Research List

The Case for Longer Mortgages: Addressing the Mismatch between Term and Amortization

March 2018 – Sharon Au and Michael Feldman

Productivity and the Financial Sector – What's Missing?

April 2018 – Jeremy Kronick

Through the Roof: The High Cost of Barriers to Building New Housing in Canadian Municipalities

May 2018 – Ben Dachis and Vincent Thivierge

International Prudential Standards in a World of Growing Nationalism and Protectionism

July 2018 – Mark Zelmer and Jeremy Kronick

Hidden Beneficial Ownership and Control: Canada as a Pawn in the Global Game of money laundering

September 2018 – Denis Meunier

Tooling up: Canada Needs More Robust Capital Investment

September 2018 – William Robson, Jeremy Kronick and Jacob Kim

Piling On – How Provincial Taxation of Insurance Premiums Costs Consumers

October 2018 – Alex Laurin and Farah Omran

Tales from the Crypt – How to Regulate Initial Coin Offerings

November 2018 – Jeremy Kronick and Thorsten Koepl



Directors' Dinner 2018



Business Cycle Council

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Stéfane Marion

Generating Stronger Growth and Prosperity

In 2018, the Institute's research papers, memos and events around energy, trade, competition, housing, business investments, and innovation addressed structural issues critical to the Canadian economy's ability to continue to deliver high and rising standards of living.

The work on trade illuminated some of the key challenges stemming from the US protectionist trade agenda and on how it was likely to affect the Canadian and global economies. It analyzed Canada's positioning in the renegotiations of NAFTA and ability to support an open global trading regime.

In particular, Institute research quantified in detail the impact of US section 232 tariffs on steel and aluminum, and potentially on autos, and sought to understand better ultimate US policy aims. It flagged the negative impact of higher uncertainty in US trade policy on the attractiveness of investment in Canada and other trading partners of the United States, and sought to provide ideas for policymakers toward as positive as possible a conclusion for the NAFTA renegotiations.

The 2018 edition of the Institute's "Tools for Workers" series registered the troubling recent decline in Canadian business investment relative to that in its OECD partners, which will negatively affect Canada's economic potential. The report also highlighted the key role asset-backed lending can provide in financing machinery and equipment, and hence the importance of access to capital in the suite of factors that could improve Canada's business investment performance. Relatedly, a paper surveying Canada's policy toward foreign direct investment highlighted areas where Canada's barriers against foreign capital had lost their *raison d'être* and should be removed.

The Institute also rolled out new and groundbreaking research in 2018 on barriers to business growth and standards of living at the local level. An augmented version of the Institute's annual comparison of business tax burdens

across key Canadian cities compared business taxation in Canadian cities to that in five US cities. The Institute also assessed the high costs of barriers to building houses in different parts of the country – in turn highlighting the reasons homebuyers often have difficulty acquiring affordable housing. A related paper elaborated on the burden that the way cities pay for water and wastewater infrastructure, and the practice of density bonusing, can put on new housing development.

At a time of a challenging environment for Canada's oil and gas industry – related to regulatory and other obstacles to building pipelines, the introduction of tax and other measures to limit carbon dioxide emissions, and a volatile international market – the Institute documented Canada's energy competitiveness gap in a groundbreaking report. Building on its earlier research, the Institute's work on clean fuel standards reminded Canadians that in the context of the implementation of a pricing scheme that will reduce greenhouse gas emissions, additional regulatory requirements to the same effect are unnecessarily costly.

The Institute in 2018 also unveiled its report card on innovation, a unique guide for policymakers to the levers at their disposal to boost economically beneficial innovation. It compared Canada to thirteen other economies, empirically linking policy levers to outcomes – showing that Canada ranked last among comparator countries for its suite of policies, because it does not rank at or near the top in any of them.

An effective competition policy is key to an innovative economy, and the Institute's Competition Policy Council weighed in with its unique and prestigious expertise in calling in 2018 for improving the timeliness and efficiency of the Competition Bureau's operations, as well as the predictability and transparency of processes, specifically with respect to merger review and criminal enforcement. It also called for the Commissioner of Competition to act as an independent, strong and relevant public advocate for competition, and to re-invigorate competition enforcement.

International Economic Policy Council

CHAIR

Michael Wilson

The C.D. Howe Institute wishes to recognize the leadership of the late Michael Wilson as chair of the International Economic Policy Council.

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Adriana Vega

Scotiabank

Lorna Wright

York University

Ontario Ministry of

**Economic Development,
Job Creation and Trade**

Trade and International Policy Research List

**Quantifying the Impacts
of the US Section 232
Steel and Aluminum
Tariffs**

June 2018 – Dan Ciuriak

**Canada's Progressive
Trade Agenda: NAFTA and
Beyond**

June 2018 – Dan Ciuriak

Weaponizing Uncertainty

June 2018 – Dan Ciuriak and
Meredith Crowley

**Foreign Direct Investment
in Canada – The Case for
Further Openness and
Transparency**

July 2018 – Daniel Schwanen

**The March into Trade
Wars: US Policy Aims
and the Implications for
Reconciliation**

August 2018 – Dan Ciuriak



Caroline Hughes

Energy Policy Council

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**Canadians for Clean
Prosperity**

Encana

Hydro One Inc.

Energy and Infrastructure Research List

**Death by a Thousand
Cuts? Western Canada's
Oil and Natural Gas
Policy Competitiveness
Scorecard**

February 2018 – Ben Dachis

**Speed Bump Ahead:
Ottawa Should Drive
Slowly on Clean Fuel
Standards**

July 2018 – Ben Dachis

**The Rocky Road to
Canada-wide Carbon
Pricing**

October 2018 – Tracy
Snoddon



(From left to right)

Heather Chalmers, Micaela Bohm and Luke Wedel



Competition Policy Council

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Partner, Competition and Foreign
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New York University

Ralph A. Winter

Industry Regulation and Competition Policy Research List

Regulatory Reform**in Ontario: Machine
Learning and Regulation**

March 2018 – Anthony Niblett

Buildings with Benefits:**The Defect of Density
Bousing**

April 2018 – Aaron Moore

Through the Roof: The**High Cost of Barriers to
Building New Housing in****Canadian Municipalities**

May 2018 – Ben Dachis and
Vincent Thivierge

Help Wanted: Priorities**for a New Competition
Commissioner**

May 2018 – Ben Dachis

Cannabis Countdown:**Estimating the Size of
Illegal Markets and****Lost Tax Revenue Post-
Legalization**

October 2018 – Rosalie
Wyonch and Anindya Sen

Ottawa Should Re-**Invigorate Competition
Enforcement in Canada**

November 2018 – Grant
Bishop

Innovation and Business Growth Research List

Canada's 2018 Innovation Policy Report Card

February 2018 – Daniel Schwanen and Rosalie Wyonch

Fiscal Soundness and Economic Growth: An Economic Program for Ontario

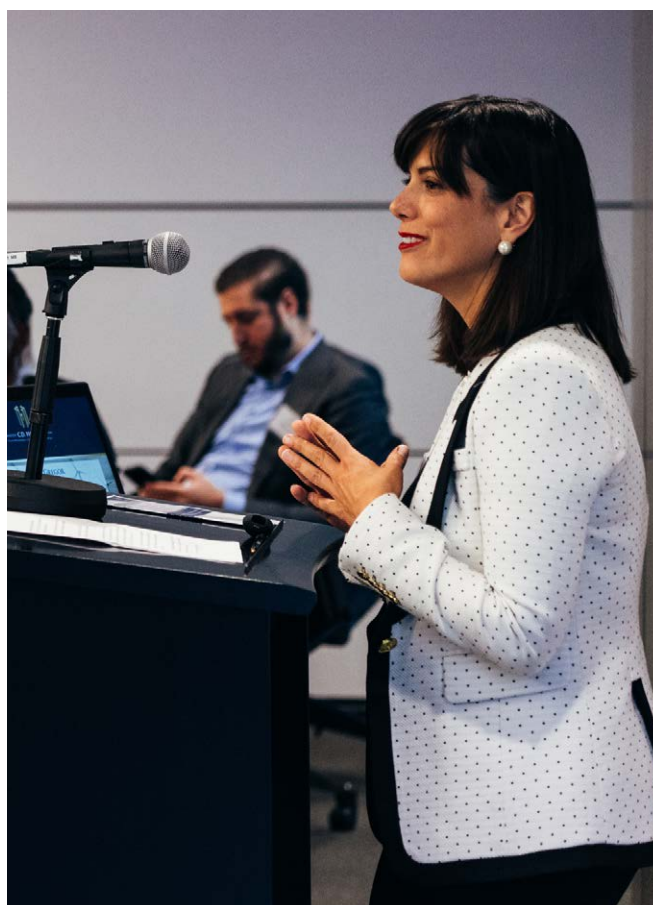
March 2018 – Ben Dachis

Tooling Up: Canada Needs More Robust Capital Investment

September 2018 – William Robson, Jeremy Kronick and Jacob Kim



Devan Gander and Elyse Allan



Jeanette Patell



(From left to right)

Daniel Schwanen, Michelle Holland, Allan Miranda and Mitch Davies



Human Capital Policy Council

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Accenture Canada

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University of Toronto

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Ceridian

Sara Watts-Reynolds

Polytechnics Canada

Harvey Weingarten

Higher Education Quality Council of Ontario

ADP Canada**Ontario Minister of Training Colleges and Universities****IBM Canada**

Human Capital Policy Research List

Risk and Readiness: The Impact of Automation on Provincial Labour Markets

January 2018 – Rosalie Wyonch

Measuring Student Outcomes: The Case for Identifying Indigenous Students in Canada's PISA Sample

February 2018 – John Richards and Parisa Mahboubi

Inflated Expectations: More Immigrants Can't Solve Canada's Aging Problem on Their Own

March 2018 – Parisa Mahboubi and William Robson

Comparing Outcomes: The Relative Job-Market Performance of Former International Students

August 2018 – Mikal Skuterud and Zongjia Chen

Assessing Active Labour-Market Programs: How Effective is Ontario Works?

October 2018 – Jason Adams, Ken Chow and David Rose

Pursuing Reconciliation: The Case for an Off-Reserve Urban Agenda

November 2018 – John Richards

Enhancing Opportunities for Canadians

Canadians expect to be able to build and realize their potential for a good life in Canada. Policies across a range of areas can help or hinder them in this respect. The C.D. Howe Institute's research and events pertaining to immigration, education, labour market issues, health policy and pensions, have helped elucidate key elements of that interaction between policies and Canadians' well-being.

Research published by the Institute in 2018 included a comprehensive look at the risk and readiness profile of provincial labour markets in the face of rapidly growing automation, and at the effectiveness of the Ontario Works program meant to promote attachment of social assistance recipients to the work force. It also documented the stronger labour market performance in Canada of former international students at Canadian institutions, compared to their foreign-born and educated counterparts. As well, Institute research continued to emphasize the importance of an agenda focused on First Nations individuals living off-reserve in urban settings.

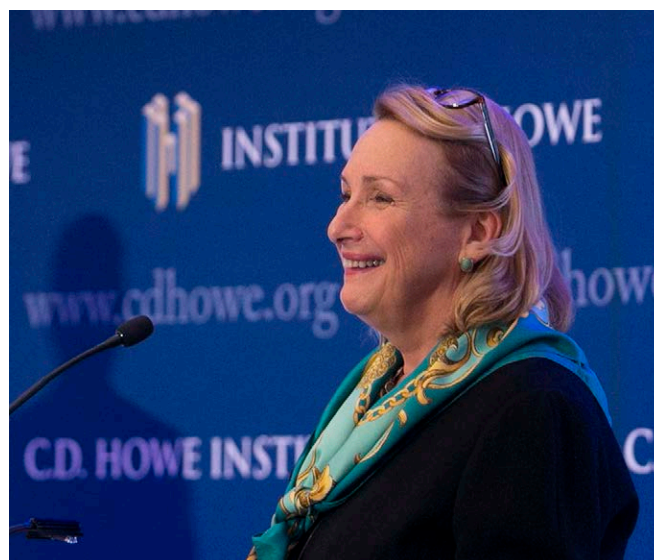
The Institute built in 2018 on its earlier groundbreaking work on impediments to childhood vaccination, to present a comprehensive survey of gaps and obstacles to adult

vaccination in Canada. It also published an international comparison of health systems performance, showing that Canada's health care systems fare poorly compared with those of most peer countries; it published an assessment and proposed correctives to the problematic shortage of certain drugs in Canada, as well as an affordable proposal for ensuring comprehensive dental health coverage in Canada.

Another major topic of preoccupation for the Institute has been the securing of Canadians' retirement income. With Canadians living longer, the possibility that many will run out of retirement savings cannot be discounted, and one Institute paper proposed a system that would enable seniors to pool their savings to better protect those who live to age 85 and beyond. In a similar vein, an Institute publication explained regulatory and tax changes that would be required to facilitate the emergence of longevity insurance, a key tool that would facilitate the smooth decumulation of retirement capital. As well, the Institute's work continued to emphasize the advantages of deferring receipt of public pension benefits.



Jacques Demers



Maureen Jensen

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Pierlot Pension Law

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Kevin Uebelein

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Management Corporation

Aaron Walker-Duncan

BC Pension Corporation

ICICI Bank Canada

OPTrust

Retirement Saving and Income Research List

Headed for the Poorhouse: How to Ensure Seniors Don't Run Out of Cash before They Run Out of Time

January 2018 – Bonnie-Jeanne MacDonald

Retiring Employees, Unretired Debt: The Surprising Hidden Cost of Federal Employee Pensions

May 2018 – Alex Laurin and William Robson

Deferring Receipt of Public Pension Benefits: A Tool for Flexibility

June 2018 – Antoine Genest-Grégoire, René Beaudry, Luc Godbout and Bernard Morency

Report des prestations des régimes de retraite : un outil de flexibilité

June 2018 – Antoine Genest-Grégoire, René Beaudry, Luc Godbout and Bernard Morency

Rich Man, Poor Man: The Policy Implications of Canadians Living Longer

August 2018 – Tammy Schirle and Kevin Milligan

Making the Money Last: The Case for Offering Pure Longevity Insurance to Retiring Canadians

September 2018 – David Don Ezra



Health Policy Council

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Ontario Medical
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Ontario Ministry of
Health Long-Term Care

The C.D. Howe Institute wishes to recognize the contribution of the late Naseem Somani to the Health Policy Council.

Health Policy Research List

Reality Bites: How Canada's Healthcare System Compares to its International Peers

January 2018 – Ramya Muthukumaran, Colin Busby and Aaron Jacobs

Healthcare Costs in Canada: Stopping Bad News Getting Worse

April 2018 – William Robson

Not Just for Kids: How to Improve Adult Vaccination Uptake in Canada

April 2018 – Colin Busby

Pas seulement pour les enfants : comment améliorer la surveillance et la couverture vaccinale chez les adultes au Canada

April 2018 – Colin Busby

Filling the Cavities: Improving the Efficiency and Equity of Canada's Dental Care System

May 2018 – Frances Woolley and Åke Blomqvist

Modernizing Canada's Healthcare System through the Virtualization of Services

May 2018 – R. Sacha Bhatia, William Falk and Megan Nguyen

Assessing Canada's Drug Shortage Problem

June 2018 – Jacalyn Duffin, Jessy Donelle, Jonathan Pipitone and Brian White-Guay

Cannabis Countdown: Estimating the Size of Illegal Markets and Lost Tax Revenue Post-Legalization

October 2018 – Rosalie Wyonch, Anindya Sen



Jim Keohane

Strengthening the Effectiveness of Our Institutions

For citizens to be able to make informed choices, and for governments to be able to effectively implement policies resulting from those choices, institutions charged with making and implementing economic and related policies in Canada need to be well functioning themselves.

The C.D. Howe Institute can boast of a distinguished history of providing thoughtful practical advice, and of facilitating discussions, on the effectiveness of Canadian institutions, notably given our federal setting.

The importance of fiscal and budgetary accountability of governments is a recurring theme in the Institute's work. The Institute's reports on fiscal accountability on the part of senior and municipal levels of government, updated annually, continues to be widely cited and have become a standard reference for governments across the country, spurred by media attention and recognition of the work by public sector auditors.

The Institute also regularly evaluates how public services and regulations that directly affect Canadians are evolving in light of technology, taking into account the need to balance possible regulatory efficiencies with protection against the downside of any new technology. Papers published in that vein by the Institute in 2018 include a study of the interface between machine learning and regulation, and on the policy implications of the virtualization of health services.

The Institute shed a particular light, in 2018, on the importance of municipal governance and policies in the lives of Canadians, with a book providing a Roadmap to Municipal Reform, by Associate Director of Research Benjamin Dachis. The book is the culmination of years of Institute work on municipal budgets and taxation, the cost of municipal services, transport and other infrastructure, housing, and the efficiency of relationships between orders of government, and perfectly illustrates the idea that governance matters.



Paul Allard, Lionel Pimpin and Andrew Hanff

National Council

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Senior Advisor, Bennett Jones LLP; Former Governor, Bank of Canada

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Public Governance and Accountability Research List

The Numbers Game: Rating the Fiscal Accountability of Canada's Senior Governments

May 2018 – William Robson and Farah Omran

Blown Budgets: Canada's Senior Governments Need Better Fiscal Controls

May 2018 – William Robson and Farah Omran

Hosing Homebuyers: Why Cities Should Not Pay for Water and Wastewater Infrastructure with Development Charges

August 2018 – Ben Dachis

The Rocky Road to Canada-wide Carbon Pricing

October 2018 – Tracy Snoddon

A Roadmap to Municipal Reform: Improving Life in Canadian Cities

October 2018 – Ben Dachis

Show Us the Numbers: Grading the Financial Reports of Canada's Municipalities

November 2018 – Farah Omran and William Robson

Wild Numbers: Getting Better Fiscal Accountability in Canada's Municipalities

December 2018 – William Robson and Farah Omran



Ian Shugart

2018 POLICY EVENTS

The Institute's off-the-record, invitation-only roundtables, conferences and special events bring together corporate executives, policy leaders, senior civil servants, and acclaimed scholars for substantive discussions on policy issues. The Institute held the following events in 2018 (in chronological order):

Rahim Hirji, Executive Vice President & Chief Risk Officer, Manulife Financial; Benjamin Tal, Deputy Chief Economist, Canadian Imperial Bank of Commerce; and Barbara Zvan, Chief Risk & Strategy Officer, Ontario Teachers' Pension Plan

2018 Financial Outlook

Toronto Roundtable Luncheon, January 10, 2018

Sponsored by CIBC

The Honourable James Moore, Senior Business Advisor, Dentons; Public Policy Advisor, Edelman; NAFTA Advisory Council

NAFTA in the New Year

Toronto Roundtable Luncheon, January 24, 2018

Dr. Bob Bell, Deputy Minister, Ontario Ministry of Health and Long-Term Care

The Best Healthcare System

Toronto Roundtable Luncheon, January 25, 2018

Sponsored by Johnson & Johnson

Colin Busby, Associate Director of Research

How Canada's Healthcare System Compares to its International Peers

Executive Access Briefing, January 25, 2018

Tim Hudak, Chief Executive Officer, Ontario Real Estate Association; and Gregory Klump, Chief Economist, Canadian Real Estate Association

OSFI Stress-Testing

Toronto Roundtable Luncheon, January 30, 2018

Ian Shugart, Deputy Minister, Foreign Affairs, Global Affairs Canada

Canada's 2018 Foreign Policy Agenda

Toronto Roundtable Luncheon, February 2, 2018

Usman Sheikh, Partner, National Head, Blockchain & Smart Contract Group; and National Litigation Lead, Securities, Compliance & Investigations, Gowlings WLG; and Fredrik Vos, Vice President, Blockchain Technologies, Nasdaq

Blockchain 2.0 – Applying Blockchain to Capital Markets

Webinar, February 7, 2018

Dennis DesRosiers, President, DesRosiers Automotive Consultants; and Jon Johnson, Senior Fellow, C.D. Howe Institute

The Automotive Industry in 2018: Potholes or Smooth Sailing?

Toronto Roundtable Luncheon, February 8, 2018

Stephen de Boer, Ambassador and Permanent Representative of Canada, World Trade Organization

Advancing Canada's Interests at the WTO

Toronto Roundtable Luncheon, February 12, 2018

The Honourable Steven Del Duca, Minister of Economic Development and Growth, Ontario

Building and Maintaining Ontario's Place in the New Global Economy

Toronto Roundtable Luncheon, February 15, 2018

Sponsored by Insurance Bureau of Canada

Jim Baillie, Retired Partner, Torys; and Jim Goodfellow, Retired Partner & Vice Chair, Deloitte

Securities Regulation: Current Problems of Corporate Law and Disclosure?

Toronto Roundtable Luncheon, February 20, 2018

Dr. Jack Mintz, President's Fellow, School of Public Policy, University of Calgary

Keeping Canada Tax-Competitive in the Era of President Trump

Toronto Roundtable Luncheon, February 21, 2018

Ben Dachis, Associate Director, Research, C.D. Howe Institute; Rocco Rossi, President and Chief Executive Officer, Ontario Chamber of Commerce; and Douglas E. Turnbull, Vice Chairman and Country Head, Canada, DBRS Limited

The Election is Coming: What Should the 2018 Ontario Budget Look Like?

Toronto Roundtable Luncheon, February 22, 2018

Dionisio Pérez Jácome, Ambassador of Mexico to Canada

Executive Access Briefing, February 26, 2018

Jim Ellis, President and Chief Executive Officer, Alberta Energy Regulator

Calgary Roundtable Luncheon, February 27, 2018

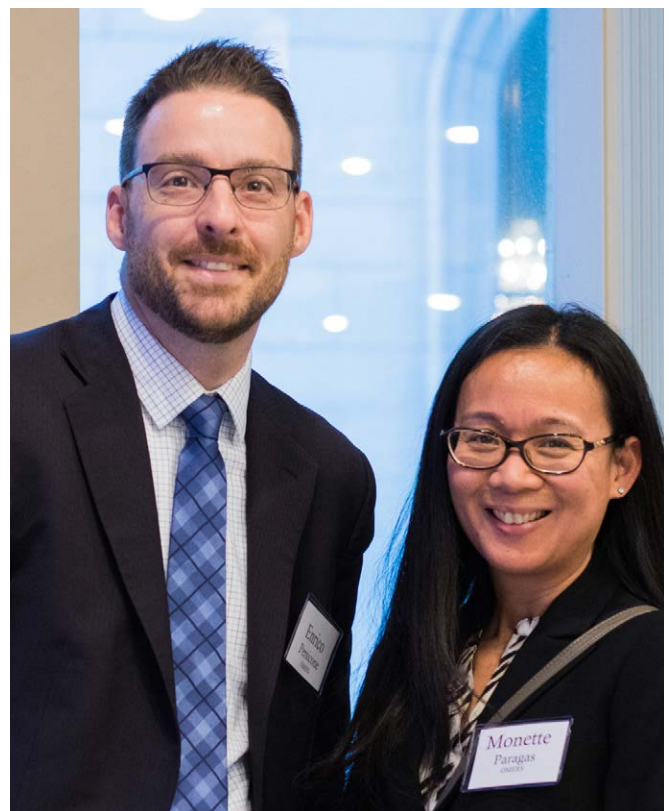
2018 POLICY EVENTS (CONTINUED)



Daniel Shap and Terry Burgoyne



Sian Burgess and Andrea Rigobon



Enrico Persicone and Monette Paragas

2018 POLICY EVENTS (CONTINUED)

Anthony Di Iorio, Chief Executive Officer & Founder Decentral & Jaxx, and Co-founder Ethereum; and Thorsten Koeppl, Professor and RBC Fellow, Queen's University, and Scholar in Financial Services and Monetary Policy, C.D. Howe Institute

Bitcoin, Ethereum and Beyond: Where does Canada fit in the Cryptocurrency World?

Toronto Roundtable Luncheon, March 5, 2018

Paul Rochon, Deputy Minister, Finance Canada

2018 Post-Budget Briefing

Toronto Roundtable Luncheon, March 6, 2018

Sponsored by Intact Financial

Ron Mock, President and Chief Executive Officer, Ontario Teachers' Pension Plan

ESG: The Way forward for Institutional Investments?

Toronto Roundtable Luncheon, March 8, 2018

Sponsored by J.P. Morgan

Johan Beerlandt, Chairman, Besix Group

Executive Access Briefing, March 14, 2018

Valérie Plante, Mayor, City of Montreal

International Trade and Local Investment: How to Foster Innovation and Attract Talent and Capital to Montreal in a Rapidly Changing Economy

Montreal Roundtable Luncheon, March 19, 2018

Daniel Schwanen, Vice President, Research, C.D. Howe Institute

NAFTA: Can Cooler Heads Prevail?

Calgary Executive Access Briefing, March 21, 2018

Benjamin Alarie, Osler Chair in Business Law, Faculty of Law, University of Toronto; Co-Founder and Chief Executive Officer, Blue J Legal; Adam Blinick, Director, Public Policy and Communications, Uber; and Andrew Hanff, Partner, Roland Berger; and Iliana Oris Valiente, Managing Director and Global Blockchain Innovation Lead, Accenture Canada

Business Revolution or Peaceful Evolution? Rethinking Activities and Models with AI While Balancing Stakeholder Interests

Toronto Roundtable Luncheon, March 26, 2018

Sponsored by Accenture

Lawson Hunter, Former Commissioner, Competition Bureau; and Ken Engelhart, Senior Fellow, C.D. Howe Institute; and Peter Miller, Senior Fellow, C.D. Howe Institute

Northern Lights, Camera, Action: Strengthening Canadian Television Content

Ottawa Roundtable Luncheon, March 27, 2018

Timothy Sargent, Deputy Minister of International Trade, Global Affairs Canada

Toronto Roundtable Luncheon, March 28, 2018

Sponsored by Barrick Gold

Jonathan Carter, Managing Director, CIBC Private Wealth Management and CIBC Wood Gundy; Paula Glick, Vice President, ESG Research, MSCI; Michael Katchen, Co-Founder and Chief Executive Officer, Wealthsimple; and Hugh O'Reilly, President and Chief Executive Officer, OPTrust

Socially-Responsible Investing: Fad or Future?

Toronto Roundtable Luncheon, April 4, 2018

Sylvain Leduc, Deputy Governor, Bank of Canada), Stéfane Marion, Chief Economist and Strategist, National Bank of Canada and National Bank Financial and Steve Mennill, Chief Risk Officer, Canada Mortgage and Housing Corporation.

The State of Canada's Housing Market One Year Later

Toronto Roundtable Luncheon, April 5, 2018

Sponsored by National Bank Financial

Mitch Davies, Senior Assistant Deputy Minister, Industry Sector, Department of Innovation, Science and Economic Development Canada (ISED); Councillor Michelle Holland, Chief Advocate for the Innovation Economy, City of Toronto; and Allan Miranda Ph.D., MBA, Head, JLABS Canada; and Daniel Schwanen, Vice President, Research, C.D. Howe Institute

Innovation Policy: Making Canada an Economic Powerhouse

Toronto Roundtable Luncheon, April 6, 2018

Sponsored by Johnson & Johnson

Michael Lindsay, Head of Strategic Partnerships, Investment Management Corporation of Ontario (IMCO); Gadi Mayman, Chief Executive Officer, Ontario Financing Authority; Mark Romoff, President and Chief Executive Officer, Canadian Council for Public-Private Partnerships; and Douglas Younger, Partner, Aird & Berlis

P3s and the Path to Sustainable Infrastructure

Toronto Roundtable Luncheon, April 10, 2018

Paul Begala, Political Commentator, CNN, and Former Aide to President Clinton; Conrad Black, Founder, National Post; Dr. Janice MacKinnon, Fellow, Royal Society of Canada, a Member of the Order of Canada, and a former Saskatchewan Finance Minister; and Hugh Segal, Principal, Massey College, Former Senator

Should Western Democracies Establish a Universal Basic Income?

The Regent Debate, April 11, 2018

Sponsored by Aaron and Heather Regent

2018 POLICY EVENTS (CONTINUED)

John Knubley, Deputy Minister, Innovation, Science and Economic Development Canada

Disruptive Technologies: Can We Supercharge the Canadian Economy?

Toronto Roundtable Luncheon, April 13, 2018

Kevvie Fowler, Partner, Cyber Risk Services, Deloitte LLP; Adam Kardash, Partner, Privacy and Data Management, Osler, Hoskin & Harcourt LLP; and Kris Klein, Partner, nNovation LLP

Big Data, Bigger Problems: Who Owns Your Data?

Toronto Roundtable Luncheon, April 17, 2018

Lieutenant-General Mike Hood, Commander, Royal Canadian Air Force

Investment, Procurement and Canadian Sovereignty

Toronto Roundtable Luncheon, April 19, 2018

Dawn Desjardins, Vice President, Deputy Chief Economist, Royal Bank of Canada; Brian Ernewein, General Director, Tax Policy Branch, Department of Finance Canada; Quyen Huynh, Principal, WNTS International Tax Services, PwC; and Peter van Dijk, Partner, National Tax Policy, Banking Tax & Tax Innovation Leader, PwC

US Tax Reform and Canadian Competitiveness

Toronto Roundtable Luncheon, April 25, 2018

Stephen LeClair, Former Financial Accountability Officer of Ontario, and Fellow, C.D. Howe Institute; William B.P. Robson, President and Chief Executive Officer, C.D. Howe Institute; and Aaron Wudrick, Federal Director, Canadian Taxpayers Federation

Baffling Budgets: Federal/Provincial/Territorial Accountability

Toronto Roundtable Luncheon, April 26, 2018

John Pecman, Commissioner of Competition, Competition Bureau

Populism, Public Interest and Competition

Toronto Roundtable Luncheon, April 27, 2018

Åke Blomqvist, Health Policy Scholar, C.D. Howe Institute; Adjunct Research Professor, Carleton University

Drug Pricing and the Appropriate Federal Role in Pharmacare

Webinar, May 1, 2018

Lorna Rosen, Deputy Minister, Alberta Treasury Board and Finance

Alberta Budget 2018: Economic and Fiscal Outlook

Calgary Roundtable Luncheon, May 7, 2018

Andrew Barnicke, Vice Chairman & Managing Partner, Capital Markets Canada, Colliers International; Ugo Bizzarri, Senior Managing Director, Chief Investment Officer & Global Head of Direct and Debt Investments, Timbercreek; and Jeremy Wedgbury, Senior Vice President, Commercial Mortgages, First National

Canadian Commercial Real Estate: Trends, Risks & Outlook

Toronto Roundtable Luncheon, May 16, 2018

The Hon. Sandra Jensen, Minister of Infrastructure, Government of Alberta; Shannon Flint, Deputy Minister of Infrastructure, Government of Alberta; Ben Hawkins, Senior Vice President, Infrastructure & Timber, Alberta Investment Management Corporation; and James Pasieka, Partner, McCarthy Tétrault

Advancing Alberta's Infrastructure Agenda

Calgary Roundtable Luncheon, May 24, 2018



Georg Knoth with our guests

2018 POLICY EVENTS (CONTINUED)

Judy Cotte, Vice President & Head, Corporate Governance & Responsible Investment, RBC Global Asset Management; and Stephen Erlichman, Partner, Fasken Martineau DuMoulin LLP

Is There a Future for Proxy Vote Buying?

Toronto Executive Access Briefing, May 28, 2018

Hon. Shannon Phillips, Minister of Environment and Parks, and Minister Responsible for Climate Change Office

Climate Leadership and the Future of Alberta's Energy Sector

Calgary Roundtable Luncheon, May 28, 2018

Amanda Lang, Anchor, BNN Bloomberg; and Joseph E. Aoun, President, Northeastern University

Future of Education and Work

Northeastern University Toronto and C.D. Howe Institute Reception, May 29, 2018

In Partnership with Northeastern University Toronto

Victor Dodig, President and Chief Executive Officer, Canadian Imperial Bank of Commerce; and Roy Gori, President and Chief Executive Officer, Manulife, and Marcia Moffat, Managing Director, Head of BlackRock Canada, BlackRock Asset Management

The Future of Canada's Financial Sector

Annual Directors' Dinner, May 30, 2018

Sponsored by Bennett Jones LLP

Laurence Kotlikoff, William Fairfield Warren Professor and Professor of Economics, Boston University; Fellow, American Academy of Arts and Sciences; Fellow, Econometric Society; and Research Associate, National Bureau of Economic Research

Our Global Economic Future and How to Fix It

Annual Jack Mintz Lecture, June 4, 2018

Health Partnership Summit

Special Policy Conference

Niagara-on-the-Lake, June 7–9, 2018

Sponsored by Canada Health Infoway, Cerner, NexJ Health & LifeLabs

Norma Kraay, Managing Partner, Talent, Deloitte; and Jay Yakabowich, Senior Vice President, Career Edge, and Member, C.D. Howe Institute Human Capital Policy Council

Outcomes Over Optics: Building Inclusive Organizations

Toronto Roundtable Luncheon, June 11, 2018

Sponsored by Deloitte

Candace Chartier, Chief Executive Officer, Ontario Long Term Care Association; Shirlee Sharkey, Chief Executive Office, SE Health; and Dr. Samir Sinha, Provincial Lead, Government of Ontario's Seniors Strategy, Director of Geriatrics, Sinai Health System and University Health Network

Preparing for an Aging Population: Is Ontario's Healthcare System Ready?

Toronto Roundtable Luncheon, June 12, 2018

Gilles Gauthier, Former Minister of Economic Affairs, Embassy of Canada in Washington, and Former Senior Trade Policy Official, Government of Canada; Armand de Mestral, Professor Emeritus Jean Monnet Chair in the Law of International Economic Integration, McGill University; and Marie-France Paquet, Chief Economist, Global Affairs Canada

US Protectionism and NAFTA: Impact and What's Next?

Montreal Roundtable Luncheon, June 12, 2018

Eric Miller, President, Rideau Potomac Strategy Group

Global Realignment and North American (Dis)integration: NAFTA, Tariffs and the Looming Trade War?

Toronto Executive Access Briefing, June 19, 2018

Paul Halucha, Assistant Deputy Minister, Department of Innovation, Science and Economic Development Canada; Kash Malik, Head Public Sector, JPMorgan Chase; and Lynton R. Wilson, O.C., Chairman, The Wilson Foundation; Retired Chairman, President & Chief Executive Officer, BCE Inc., Chancellor Emeritus, McMaster University

Modernizing Foreign Direct Investment Policy

Toronto Roundtable Luncheon, June 21, 2018

His Excellency Dionisio Pérez-Jácome, Ambassador of Mexico to Canada

Mexico-Canada Relations and NAFTA Renegotiations

Toronto Roundtable Luncheon, September 7, 2018

Monetary Policy Framework in Canada: Towards the 2021 Target Renewal

Special Policy Conference, September 11, 2018

Ian MacGregor, Chairman and Chief Executive Officer, NW Refining Inc.; and Jeanette Patell, Vice President, Government Affairs & Policy, GE; and Geoffrey Trickett, Vice President, Olefins Products, NOVA Chemicals Corporation; and Kelsen Vallee, Managing Director, Investment Banking, CIBC World Markets Inc.

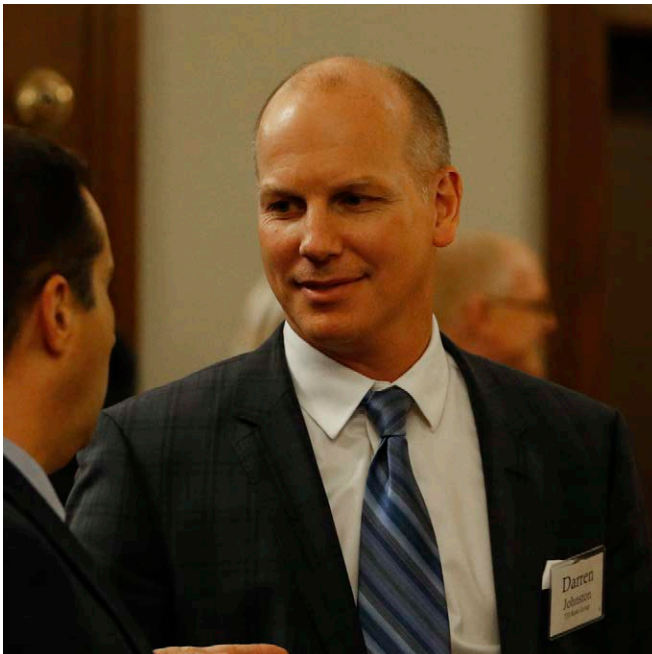
Alberta's Energy Future: Building a Diversified and Resilient Energy Economy

Calgary Roundtable Luncheon, September 17, 2018

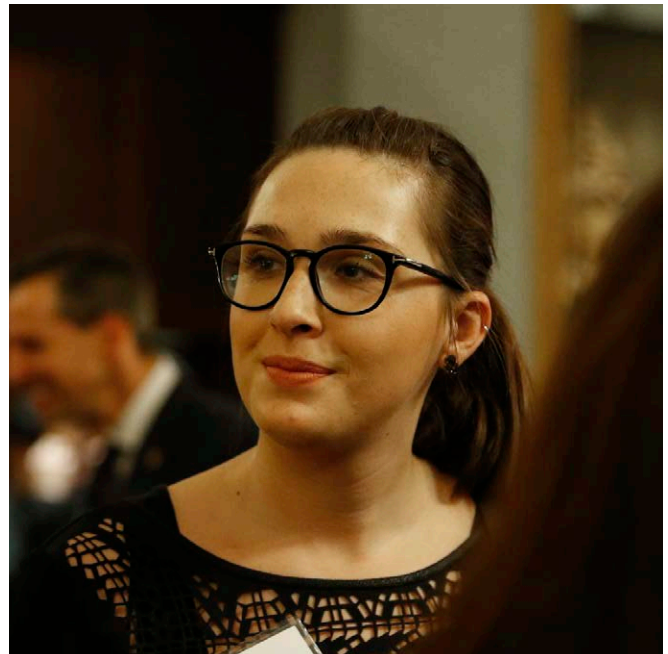
2018 POLICY EVENTS (CONTINUED)



(From left to right)
Victor Dodig, Marcia Moffat and Roy Gori



Darren Johnston



Jenna LaPlante

2018 POLICY EVENTS (CONTINUED)

Raymond Boisvert, Provincial Security Advisor, Government of Ontario; and Kevvie Fowler, Partner, Cyber Risk Services, Deloitte LLP; and Scott Jones, Head-Designate, Canadian Centre for Cyber Security and Assistant Deputy Minister, Information Technology Security, Communications Security Establishment

Cyber Security in Finance: Fear for the Future

Toronto Roundtable Luncheon, September 18, 2018

The Hon. Peter Bethlenfalvy, President of the Treasury Board Secretariat, Ontario

Restoring Trust and Accountability in Ontario's Finances

Toronto Roundtable Luncheon, September 24, 2018

Sponsored by BMO Financial Group

Paul Allard, Co-Founder, Impak Finance Inc.; Andrew Hanff, Partner, Roland Berger Montreal; and Lionel Pimpin, Senior Vice President-Digital Channels and P&C Strategies, National Bank

Business Revolution or Peaceful Evolution? How AI can help

Financial Services Players Alike Rethink Sector Paradigms

Montreal Roundtable Luncheon, September 25, 2018

Alex Laurin, Director of Research, C.D. Howe Institute; and Jack Mintz, President's Fellow, School of Public Policy, University of Calgary; and Sarah Noftehl, Senior Manager, Indirect Tax, PwC

Provincial Taxation of Insurance Premiums: The Way Forward

Toronto Roundtable Luncheon, October 3, 2018

Sponsored by Advocis, Canadian Life and Health Insurance Association Inc., The Conference for Advanced Life Underwriting and Insurance Bureau of Canada

Murad Al-Katib, Chair, Agri-Food Table; President and Chief Executive Officer, AGT Food and Ingredients; Charles Deguire, Chair, Advanced Manufacturing Table; Chief Executive Officer and Co-Founder, Kinova Inc.; and Lorraine Mitchelmore, Chair, Resources of the Future; Former President and Country Chair of Shell Canada

The Innovation and Competitive Imperative: Seizing Opportunities for Growth

Toronto Roundtable Luncheon, October 4, 2018

Lawrence Herman, Senior Fellow, C.D. Howe Institute; Counsel, Herman & Associates; and Caroline Hughes, Vice President, Government Relations, Ford Motor Company of Canada, Ltd.; and Daniel Schwanen, Vice President, Research, C.D. Howe Institute

The US-Mexico-Canada Agreement: What Does it Mean?

Toronto Roundtable Luncheon, October 10, 2018

Jonathan T. Fried, Coordinator, International Economic Relations and Personal Representative of the Prime Minister for the G20

Annual Sylvia Ostry Lecture, October 15, 2018

Michael Ignatieff, President, Central European University, and Former Leader of the Liberal Party of Canada

Standing Against the Tide: Canada's Place in a Strange New World

Annual Scholars' Dinner, October 22, 2018

Supported by Wendy Dobson

George Rossolatos, Chief Executive Officer, Canadian Business Growth Fund

Fixing the Growth Capital Gap in Canada: Canadian Business Growth Fund

Toronto Roundtable Luncheon, October 23, 2018

Sponsored by CIBC

Bob Hamilton, Commissioner, Canada Revenue Agency

Toronto Roundtable Luncheon, October 25, 2018

Sponsored by Intuit

William B.P. Robson, President & Chief Executive Officer, C.D. Howe Institute; and Hugh Swandel, Senior Managing Director, Canada, The Alta Group; and Peter van Dijk, Partner, National Tax Policy, Banking Tax & Tax Innovation Leader, PwC

Weak Business Investment: Addressing a Grave Threat to Canada's Economy

Toronto Roundtable Luncheon, October 29, 2018

Sponsored by Canadian Finance & Leasing Association

Mary Ballantyne, Director, International Trade Policy, Trade Policy Branch, Alberta Department of Economic Development and Trade; and Jeff Boyd, Regional President Alberta & Territories, RBC; and Trevor Tombe, Associate Professor of Economics, University of Calgary

Managing Expectations: Doing Trade with the Trump Administration

Calgary Roundtable Luncheon, October 30, 2018

Jim Keohane, President & Chief Executive Officer, Healthcare of Ontario Pension Plan (HOOPP); and Alex Mazer, Founding Partner, Common Wealth

The Value of a Good Pension: How to Improve the Efficiency of Retirement Savings in Canada

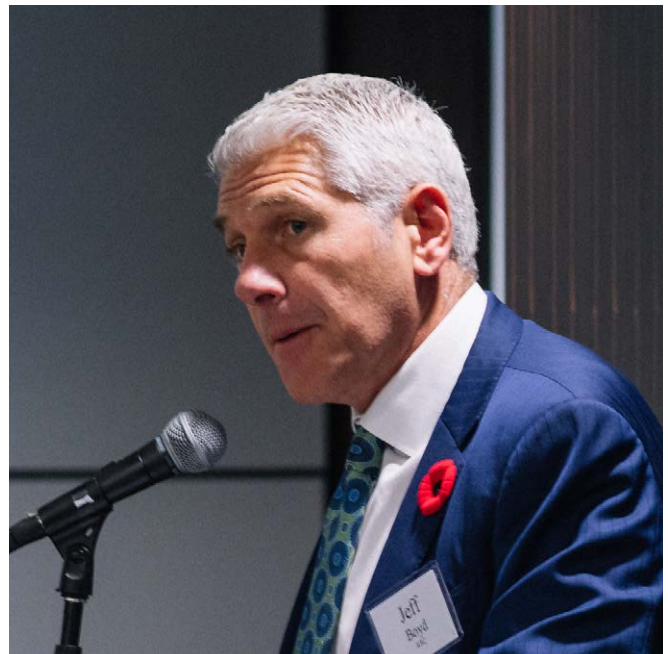
Toronto Roundtable Luncheon, November 1, 2018



Heather Regent and Anne-Marie Vcelik



Blair Cowan



Jeff Boyd

2018 POLICY EVENTS (CONTINUED)

Dwight Duncan, Former Liberal Minister of Finance, Ontario; and The Hon. Joe Oliver, Former Federal Conservative Minister of Finance; and Brad Duguid, Former Liberal Minister of Economic Development and Growth, Ontario; and Janet Ecker, Former Progressive Conservative Minister of Finance, Ontario

Is Canada Facing an Existential Crisis in Competitiveness?

The Regent Debate, November 6, 2018

Sponsored by Aaron and Heather Regent

Open Banking in Canada: The Time is Now
Special Policy Conference, November 15, 2018
Sponsored by Intuit

The Hon. Andrew Scheer, Leader of the Official Opposition & Leader of the Conservative Party of Canada

Unlocking Canada's Potential

Toronto Roundtable Luncheon, November 26, 2018

Sponsored by Phaze 3 Management Inc. and Weston Forest

Maureen Jensen, Chair and Chief Executive Officer, Ontario Securities Commission (OSC)

Changing Markets Require Responsive Regulation

Annual Benefactors Lecture, November 29, 2018

Sponsored by The Petman Foundation

Melissa Farrell, Assistant Deputy Minister, Health System Quality and Funding, Ontario Ministry of Health and Long-Term Care; and Wendy Levinson, Chair, Choosing Wisely Canada; Professor of Medicine, University of Toronto; and Christopher Naugler, Professor and Head of the Department of Pathology and Laboratory Medicine, Cumming School of Medicine, University of Calgary; Medical Director, Calgary Laboratory Services

Transforming Canada's Healthcare System with a Value-Based Approach

Toronto Roundtable Luncheon, December 3, 2018

Sponsored by Abbott

Alain Dupont, President and Chief Executive Officer, AP&C and GE Additive Materials Leader; and Michel Dumoulin, Vice President, Engineering, National Research Council of Canada; and Sylvain Durocher, Director, Advanced Manufacturing, Investissement Québec

Taking the Additive Approach: Québec as a Driver of Global Innovation

Montreal Dinner, December 6, 2018

Sponsored by GE

Managing Risk in the Canadian Housing Market
Special Policy Conference, December 11, 2018
Sponsored by Canada Guaranty and National Bank Financial

"Regulator" Reform: 2018 Annual Financial Services Conference

Special Policy Conference, December 13, 2018

Sponsored by Canadian Life and Health Insurance Association, Canadian Credit Union Association, Insurance Bureau of Canada, The Investment Funds Institute of Canada, Investment Industry Association of Canada, and Toronto Finance International



Martin Guest and Lawrence Haber

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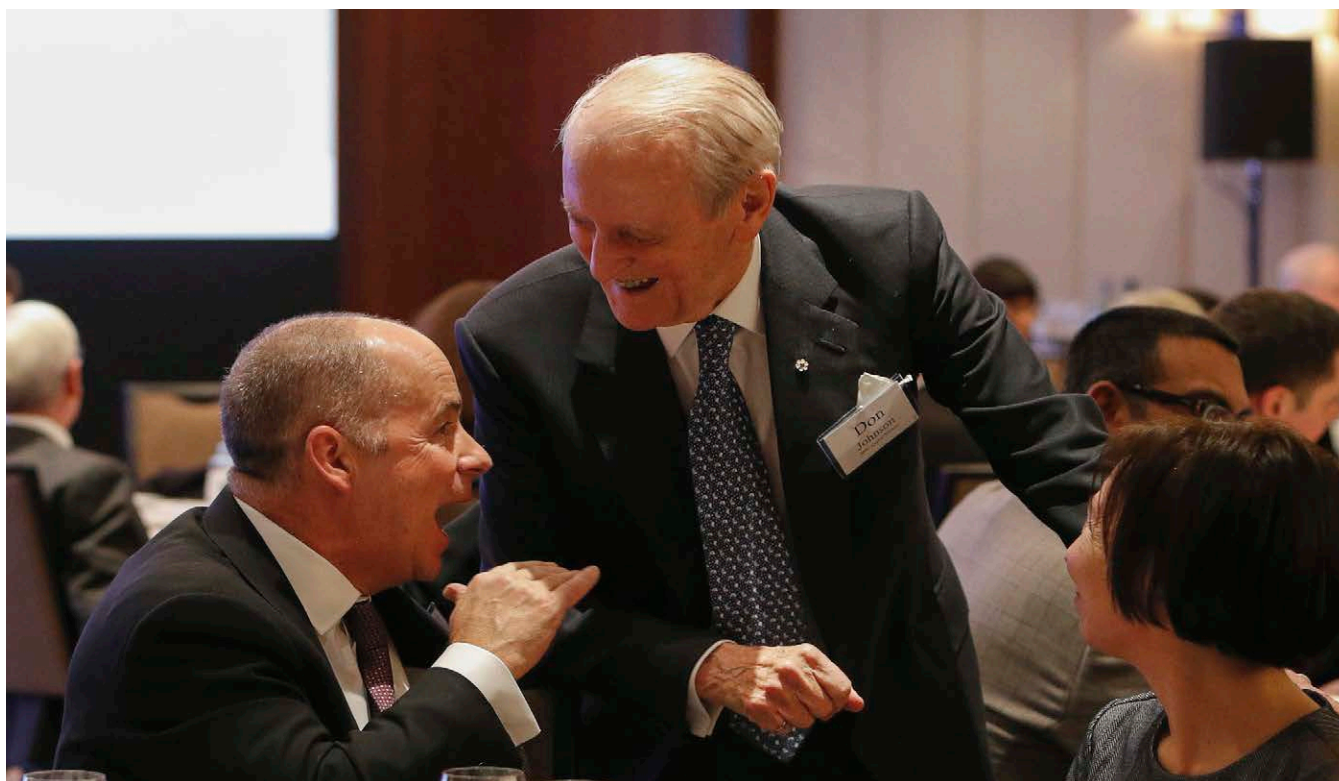
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Roundtable Luncheon Sponsors



Roundtable Luncheon Sponsors (cont'd)



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Benn Proctor



Debbie Foubert and Susan Greenglass

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Canadian Bankers Association
Canadian Blood Services
Canadian Credit Union Association
Canadian Finance & Leasing Association

Canadian Fuels Association
Canadian Gas Association
Canadian Generic Pharmaceutical Association
Canadian Home Builders' Association
Canadian Imperial Bank of Commerce
Canadian Institute for Health Information
Canadian Life and Health Insurance Association Inc.
Canadian National Institute for the Blind
Canadian Real Estate Association
Canadian Tax Foundation
Canadian Wireless Telecommunications Association
Canadians for Clean Prosperity
Candor Investments Ltd.
Capital One
Capital Power Corporation
CareerEdge
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Chemistry Industry Association of Canada
Cirque du Soleil Canada Inc.
Clairvest Group Inc.
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Consumer Health Products Canada
Cumberland Private Wealth Management
CWB Financial Group
DBRS
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Jamie Au and Adam Chambers

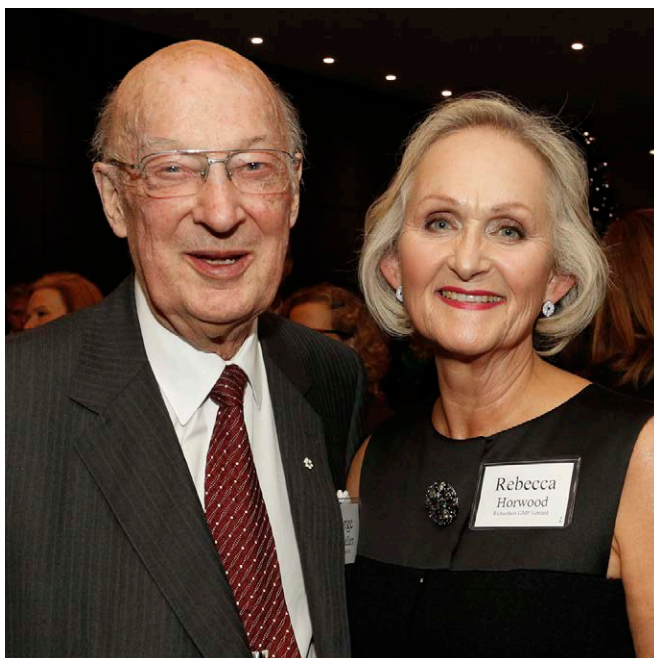


Stefania Szabo and Marie Bountrogianni

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George Fierheller and Rebecca Horwood



Wendy Mizuno

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Edco Financial Holdings Ltd.	KingSett Capital Inc.	Compensation Corporation
EIDCA Specialty Products Company	Kinross Gold Corporation	Public Sector Pension Investment
E-L Financial Corporation Limited	KPMG LLP	Board
EllisDon Inc.	Lifelabs	PwC Canada
Empire Communities	Maclab Enterprises	Randstad
Enbridge	Magris Resources Inc.	RBC
Encana Corporation	Manulife Financial	Repsol Oil & Gas Canada Inc.
EPCOR	MasterCard Canada	Residential and Civil Construction
Equitable Bank	Matco Investments Ltd.	Alliance of Ontario
Export Development Canada	Mattamy Homes	RLG International
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Fidelity Investments	Maximus Canada	Roland Berger Inc.
Finance Montréal	McCain Foods Limited	Sandoz Canada Inc.
First National Financial LP	McCarthy Tetrault LLP	Scotiabank
Ford Motor Company of Canada, Limited	MD Physican Services	SE Health
Forest Products Association of Canada	Medavie EMS	Shell Canada Limited
GE Canada	Medcan Health Management Inc.	Sionna Investment Managers Inc.
Genworth Financial Canada	Medisys Health Group Inc.	SNC Lavalin Group Inc.
Goldcorp Inc.	Medtronic of Canada Ltd.	Spencer Stuart
Google Canada Inc.	Mercer	Summerhill Capital Management
Gordon J. Homer Advisory Services	Metrolinx	Sun Life Financial Inc.
Greater Saskatoon Chamber of Commerce	Miller Thomson LLP	T.E. Financial Consultants Ltd.
Greater Toronto Airports Authority	MindBeacon Group	TD Bank Group
Green Shield Canada	Mitacs	Teck Resources Limited
GWN Capital Management Ltd.	Morgan Meighen & Associates	TekSavvy Solutions Inc.
H&R Block Canada, Inc.	Morneau Shepell	The Arthritis Society
Hallmark Tubulars Ltd.	MSCI Canada	The Canadian Council for Public- Private Partnerships
Harvard Developments Inc., A Hill Company	National Bank of Canada	The Conference for Advanced Life Underwriting
Healthcare of Ontario Pension Plan	NAV CANADA	The Great-West Life Assurance Company, London Life Insurance Company and Canada Life
Healthcare Supply Chain Network	Normandin Beaudry	The Grocery Foundation
HealthPRO Canada	Northland Wealth Management	The Gwyn Morgan & Patricia Trottier Foundation
Hugessen Consulting	NOVA Chemicals Corporation	The Investment Funds Institute of Canada
Hydro One Inc.	OMERS	TMX Group Inc.
ICICI Bank Canada	Ontario Dental Association	Toronto Finance International
Imperial Oil Limited	Ontario Long Term Care Association	Toronto Real Estate Board
Independent Electricity System Operator	Ontario Medical Association	Toronto Region Board of Trade
Innovative Medicines Canada	Ontario Pharmacists Association	Torys LLP
Insurance Brokers Association of Canada (IBAC)	Ontario Power Generation Inc.	Transat A.T. Inc.
Insurance Bureau of Canada	Ontario Real Estate Association	Uber BV
Intact Financial Corporation	Ontario Teachers' Pension Plan	Union Gas Limited
Intuit	Ontario Trillium Foundation	VIA Rail Canada Inc.
Investment Industry Association of Canada	OPTrust	Visa Canada
Investment Industry Regulatory Organization of Canada	Osler, Hoskin & Harcourt LLP	Weston Forest
Investment Management Corporation of Ontario	Parkland Fuel Corporation	
	Payments Canada	
	Persis Holdings Ltd	
	PETRONAS Energy Canada Ltd	
	Pfizer Canada Inc.	
	PHRMA	
	Pirie Foundation	
	Polytechnics Canada	
	Potash Corporation of Saskatchewan Inc.	

THE INSTITUTE'S PEOPLE

2018 Scholars

Fellows-In-Residence

Steve Ambler
Åke Blomqvist
Dan Ciuriak
Adam Found
Glen Hodgson
Edward Iacobucci
Thorsten Koeppl
Kenneth McKenzie
Kevin Milligan
John Richards
Blake Shaffer

Senior Fellows

Paul Beaudry
Elyse Allan
Richard Alvarez
Robert Bell
Alister Campbell
John Crow
John Curtis
Kevin Dancy
Janet Davidson
Leo de Bever
Don Drummond
Janet Ecker

Kenneth G Engelhart
William Falk
Angela Ferrante
Claude Forget
Malcolm Hamilton
Lawrence Herman
Philip Howell
Lawson Hunter
Paul Jenkins
Jon Johnson
Thomas Kierans
Nicholas Le Pan
Stephen LeClair
Louis Lévesque
Jeffrey Lozon
Peter Miller
Bernard Morency
John Murray
Edward Neufeld
John Pecman
Gerard Protti
Nobina Robinson
Henri-Paul Rousseau
Mark Smith
Andrew Spence
Grant Sprague
John Stackhouse

Debra Steger
Frank Swedlove
Gordon Thiessen
Miville Tremblay
Konrad von Finckenstein
Edward Waitzer
Howard Wetston
William White
Kenneth Whyte
Mark Zelmer

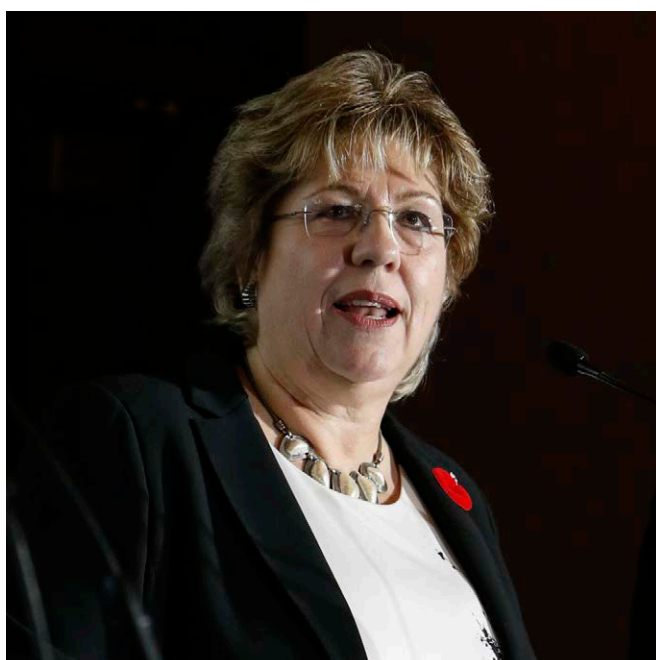
Research Fellows

Angela Redish
Charles Beach
Richard Bird
Marcel Boyer
John Chant
Miles Corak
Bev Dahlby
James Davies
Michael Devereux
Donald Dewees
Erwin Diewert
Wendy Dobson
Pierre Duguay
Ross Finnie

Pierre Fortin
Ian Irvine
David Johnson
Cally Jordan
David Laidler
David Longworth
Paul Masson
Angelo Melino
Michael Parkin
William Scarth
Tammy Schirle
Anindya Sen
Pierre Siklos
Arthur Sweetman
Michael Trebilcock
Daniel Treffer
William Watson
Thomas Wilson
Lorna Wright
Jennifer Zelmer

International Fellows

Timothy Brennan
Martin Eichenbaum
Peter Howitt
Lawrence White



Janet Ecker



Wendy Dobson



Institute Staff

(as of April 30th, 2019)

Grant Bishop

Associate Director, Research

David Blackwood

Communications Officer

Ana Remedios Bondoc

Office Coordinator

Laura Bouchard

Manager of Communications

Nairy Cappiello

Executive Assistant to the SVP & COO, HR and Development Coordinator

Michele Cherry

Development and Member Relations Coordinator

Vincent Custode

Development Officer

Aline Emirzian

Office Manager

James Fleming

Editor and Vice President, Media

Devan Gander

Manager, Programs and Policy Councils

Kristine Gray

Senior Coordinator, Research and Executive Assistant to the Vice President, Research

Rowena Jeffers

Controller

Hal Koblin

Director of Research Advancement

Jeremy Kronick

Associate Director, Research

Alexandre Laurin

Director of Research

Colin MacKenzie

Editor, Intelligence Memos

Parisa Mahboubi

Senior Policy Analyst

Yann Martin

Program Officer

Polina Moskvina

Special Projects Planner

Duncan Munn

Senior Vice President and Chief Operating Officer

Farah Omran

Junior Policy Analyst

Stephane Paris

Manager, Development and Member Relations

Joan Price

Corporate Secretary and Executive Assistant to the President and Chief Executive Officer

Hannah Riordan

Program Officer

William B.P. Robson

President and Chief Executive Officer

Daniel Schwanen

Vice President, Research

Abby Sullivan

Researcher

Dharti Thakkar

Office Coordinator

Vinh Tran

Digital Communications Coordinator

Tammy Trepanier

Event Planner

Jennifer West

Events Administrative Assistant

Jacquelin Wong

Event Coordinator

Rosalie Wyonch

Policy Analyst

Yang Zhao

Senior Graphic Designer

THE INSTITUTE'S PEOPLE (CONTINUED)

(From left to right for all photos)



Aline Emirzian, Kristine Gray, Michele Cherry and Nairy Cappiello



Hannah Riordan, Stephane Paris, Vincent Custode and Yann Martin



Jennifer West, Devan Gander, Tammy Trepanier and Jacquelin Wong



Ana Remedios Bondoc



Laura Bouchard, Yang Zhao, Colin MacKenzie and David Blackwood



Rowena Jeffers and Dharti Thakkar

INDEPENDENT AUDITOR'S REPORT

TO THE MEMBERS OF C.D. HOWE INSTITUTE

Opinion

We have audited the financial statements of C.D. Howe Institute (the “Institute”), which comprise the statement of financial position as at December 31, 2018, and the statements of operations, changes in fund balances and cash flows for the year then ended, and notes to the financial statements, including a summary of significant accounting policies (collectively referred to as the “financial statements”).

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Institute as at December 31, 2018, and the results of its operations and its cash flows for the year then ended in accordance with Canadian accounting standards for not-for-profit organizations.

Basis for Opinion

We conducted our audit in accordance with Canadian generally accepted auditing standards (“Canadian GAAS”). Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report. We are independent of the Institute in accordance with the ethical requirements that are relevant to our audit of the financial statements in Canada, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with Canadian accounting standards for not-for-profit organizations, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Institute’s ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Institute or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Institute’s financial reporting process.

Auditor’s Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor’s report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Canadian GAAS will always detect

INDEPENDENT AUDITOR'S REPORT (CONTINUED)

a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with Canadian GAAS, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Institute's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Institute's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Institute to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.



Chartered Professional Accountants
Licensed Public Accountants
May 3, 2019

C.D. HOWE INSTITUTE

STATEMENT OF FINANCIAL POSITION

AS AT DECEMBER 31, 2018

	Notes	2018 \$	2017 \$
Assets			
Current assets			
Cash and cash equivalents		3,713,523	3,240,256
Short-term investments		-	174,514
Accounts receivable		309,177	165,745
Prepaid expenses		64,230	86,679
		4,086,930	3,667,194
Long-term investments	4	5,488,371	5,842,770
Capital assets	5	533,522	588,156
		10,108,823	10,098,120
Liabilities			
Current liabilities			
Accounts payable and accrued liabilities	6	221,192	122,950
Deferred revenue		1,632,217	1,635,618
		1,853,409	1,758,568
Long-term			
Deferred capital contributions		141,946	165,909
Deferred rent		166,527	176,656
		308,473	342,565
		2,161,882	2,101,133
Fund balances			
Invested in Capital Assets	7	391,576	422,247
Operating		2,083,650	1,748,994
Endowment Funds	8	5,471,715	5,825,746
		7,946,941	7,996,987
		10,108,823	10,098,120

The accompanying notes to the financial statements are an integral part of this financial statement.

Approved by the Board



Chair of the Board



Chair, Audit, Finance and Risk Committee

C.D. HOWE INSTITUTE

STATEMENT OF OPERATIONS

YEAR ENDED DECEMBER 31, 2018

	2018 \$	2017 \$
Revenue		
Contributions and subscriptions	5,148,313	4,739,323
Events revenue	1,117,109	1,363,095
Investment income – realized gains	42,011	23,369
Contract revenue	10,634	21,035
Investment income – unrealized gains on operating long-term investments	9,619	3,576
Publication sales	5,233	5,796
	6,332,919	6,156,194
Expenses		
Research, administrative and project expenses	5,795,202	5,836,274
Amortization	232,916	231,790
Loss on disposal of capital assets	816	–
	6,028,934	6,068,064
Excess of revenue over expenses for the year	303,985	88,130

The accompanying notes to the financial statements are an integral part of this financial statement.

C.D. HOWE INSTITUTE

STATEMENT OF CHANGES IN FUND BALANCES

YEAR ENDED DECEMBER 31, 2018

	Notes	Invested in Capital Assets Fund \$	Operating Fund \$	Endowment Funds \$	2018 Total \$	2017 Total \$
Balances, beginning of year		422,247	1,748,994	5,825,746	7,996,987	7,855,648
(Deficiency) excess of revenue over expenses for the year		(209,769)	513,754	–	303,985	88,130
Unrealized (losses) gains on investments during the year	8	–	–	(644,389)	(644,389)	105,854
Contributions received during the year	8	–	–	50,000	50,000	50,000
Investment income	8	–	–	522,358	522,358	219,002
Transfer to deferred revenue during the year	8	–	–	(282,000)	(282,000)	(321,647)
Purchases of capital assets		179,098	(179,098)	–	–	–
Balances, end of year		391,576	2,083,650	5,471,715	7,946,941	7,996,987

The accompanying notes to the financial statements are an integral part of this financial statement.

C.D. HOWE INSTITUTE

STATEMENT OF CASH FLOWS

YEAR ENDED DECEMBER 31, 2018

	Notes	2018 \$	2017 \$
Operating activities			
Excess of revenue over expenses for the year		303,985	88,130
Items not affecting cash			
Amortization of capital assets		232,916	231,790
Loss on disposal of capital assets		816	-
Amortization of deferred capital contributions		(23,963)	(23,964)
Unrealized gains on operating long-term investments		(9,619)	(3,576)
Amortization of deferred rent		(10,129)	(10,127)
		494,006	282,253
Changes in non-cash working capital items			
Accounts receivable		(143,432)	57,381
Prepaid expenses		22,449	(3,428)
Accounts payable and accrued liabilities		98,242	(234,040)
Deferred revenue		(3,401)	(423,214)
		467,864	(321,048)
Investing activities			
Purchases of capital assets		(179,098)	(86,187)
Purchases of long-term investments		(4,972,141)	(803,178)
Purchases of short-term investments		-	(174,514)
Proceeds on sale of short-term investments		174,514	-
Proceeds on sale of long-term investments		5,336,159	752,621
		359,434	(311,258)
Financing activity			
Endowment contributions, and unrealized gain and income, less expenses, unrealized loss and transfers of endowment investments	8	(354,031)	53,209
increase (Decrease) in cash and cash equivalents during the year		473,267	(579,097)
Cash and cash equivalents, beginning of year		3,240,256	3,819,353
Cash and cash equivalents, end of year		3,713,523	3,240,256
Cash and cash equivalents is comprised of:			
Cash		425,574	310,788
Cash equivalents		3,287,949	2,929,468
		3,713,523	3,240,256

The accompanying notes to the financial statements are an integral part of this financial statement.

C.D. HOWE INSTITUTE

NOTES TO THE FINANCIAL STATEMENTS

DECEMBER 31, 2018

1. Description of organization

The C.D. Howe Institute (the “Institute”) is an independent, not-for-profit, research and educational organization. It carries out independent analysis and critique of public policy issues and translates scholarly research for action by the government and the private sector. The Institute is a registered charity exempt from paying income taxes under Section 149(1) (f) of the *Income Tax Act*. The Institute was incorporated under Part II of the *Canada Business Corporations Act* on April 23, 1958 and was continued under the *Canada Not-for-Profit Corporations Act* on June 6, 2014.

2. Summary of significant accounting policies

The financial statements of the Institute have been prepared in accordance with Canadian accounting standards for not-for-profit organizations published by the Chartered Professional Accountants of Canada using the deferral method and reflect the following significant accounting policies:

Contributions

Contributions are recorded as received, except when restricted through specific direction from the donor, in which case they are deferred until eligible expenses are incurred. Contributions of materials and services used in the normal course of the Institute’s operations are recorded at their fair value when the amounts can be reasonably estimated. Endowment contributions are recognized as direct increases in the Fund balance. Transfers from the Endowment Fund to deferred revenue are recognized in keeping with the agreements with the Endowers.

Financial instruments

Financial assets and financial liabilities are initially recognized at fair value when the Institute becomes a party to the contractual provision of the financial instrument. Subsequently, all financial instruments are measured at amortized cost, except for long-term investments. The Institute has elected to use the fair value option to measure long-term investments, with any subsequent changes in fair value recorded in the Statement of operations.

Financial assets measured at amortized cost are assessed at each reporting date for indications of impairment. If such impairment exists, the asset is written down and the resulting impairment loss is recognized in the Statement of operations.

Cash and cash equivalents

Cash and cash equivalents are defined as cash and interest bearing deposits that are redeemable on demand, and Canadian securities with original maturity dates of three months or less.

Short-term investments

Short-term investments consist of Canadian securities with original maturity dates of more than three months and less than one year.

C.D. HOWE INSTITUTE

NOTES TO THE FINANCIAL STATEMENTS

DECEMBER 31, 2018

2. Summary of significant accounting policies (continued)

Long-term investments

Long-term investments are accounted for on the settlement date basis and any transaction costs are expensed as incurred.

Capital assets

Capital asset additions are recorded at cost at the time of acquisition. Amortization is calculated using the straight-line basis at 33-1/3% per annum for electronic equipment and computer hardware and software and 10% per annum for furniture, fixtures and equipment. Conference equipment is amortized on the straight-line basis over six years. Signage and leasehold improvements are amortized on the straight-line basis over the term of the lease.

Publications

Publications are not recorded as inventory. Costs are accrued for publications in progress. All costs of publications that have entered the production stage by the end of the year are expensed.

Deferred capital contributions

Deferred capital contributions relate to funds received for office leasehold improvements and are amortized on the straight-line basis over the term of lease.

Deferred rent

Deferred rent, consisting of tenant allowances, free rent and reduced rent, is amortized on the straight-line basis over the term of the lease.

Measurement uncertainty

The preparation of financial statements in conformity with Canadian accounting standards for not for profit organizations requires management to make estimates and assumptions that affect amounts reported therein. Areas which involve a significant degree of estimation include the valuation of long-term investments, accounts payable and accrued liabilities, deferred revenue and the useful life of capital assets. Actual results may differ from such estimates.

Description of funds

Operating Fund

Amounts received, used or held for the research and educational goals of the Institute, are recorded in the Operating Fund.

Endowment Funds

Endowment Funds represent amounts received which are externally endowed, together with any designated unspent investment income.

Invested in Capital Assets Fund

The Invested in Capital Assets Fund records the Institute's cost of capital assets, less accumulated amortization and unamortized deferred capital contributions.

C.D. HOWE INSTITUTE

NOTES TO THE FINANCIAL STATEMENTS

DECEMBER 31, 2018

3. Commitments

The Institute has a lease commitment for premises located at 67 Yonge Street, Toronto, Ontario. The lease expires on November 30, 2024. Future minimum commitments (excluding operating costs) under the lease are as follows:

	\$
2019	87,061
2020	106,605
2021	106,605
2022	106,605
2023	106,605
Thereafter	97,721
	611,202

4. Long-term Investments

Long-term investments are recorded in the following funds:

	Endowment \$	Operating \$	2018 Total \$	2017 Total \$
Long-term	5,471,715	16,656	5,488,371	5,842,770
Long-term investments consist of				
Fixed income			1,729,536	1,767,915
Canadian equity			839,166	949,232
US equity			-	1,528,014
International equity			2,919,669	1,597,609
			5,488,371	5,842,770

C.D. HOWE INSTITUTE

NOTES TO THE FINANCIAL STATEMENTS

DECEMBER 31, 2018

5. Capital assets

	Cost	Accumulated amortization	2018 Net book value	2017 Net book value
	\$	\$	\$	\$
Furniture, fixtures and equipment	443,108	363,470	79,638	97,959
Computer hardware and software	905,751	747,906	157,845	141,628
Electronic equipment	71,158	69,596	1,562	2,616
Conference equipment	92,867	86,425	6,442	9,223
Signage	12,289	7,656	4,633	5,415
Leasehold improvements	726,310	442,908	283,402	331,315
	2,251,483	1,717,961	533,522	588,156

6. Accounts payable and accrued liabilities

Accounts payable and accrued liabilities include \$Nil (2017 – \$Nil) with respect to amounts owing to the Government.

7. Invested in Capital Assets Fund

The Invested in Capital Assets Fund balance consists of:

	2018 \$	2017 \$
Capital assets (Note 5)	533,522	588,156
Deferred capital contributions	(141,946)	(165,909)
	391,576	422,247

C.D. HOWE INSTITUTE

NOTES TO THE FINANCIAL STATEMENTS

DECEMBER 31, 2018

8. Endowment Funds

	Roger Phillips	Jack Mintz	Special Studies	Sylvia Ostry	Monetary Policy	2018 Total	2017 Total
	\$	\$	\$	\$	\$	\$	\$
Balance, beginning of the year	1,121,823	246,818	2,458,053	793,346	1,205,706	5,825,746	5,772,537
Revenue							
Contributions received	-	-	-	-	50,000	50,000	50,000
Unrealized (losses) gains	(126,844)	(28,096)	(277,819)	(107,137)	(104,493)	(644,389)	105,854
Investment income	104,515	22,951	226,574	90,713	77,605	522,358	219,002
	(22,329)	(5,145)	(51,245)	(16,424)	23,112	(72,031)	374,856
Transfer to deferred revenue	(93,864)	(9,816)	(97,819)	(31,555)	(48,946)	(282,000)	(321,647)
Balance, end of year	1,005,630	231,857	2,308,989	745,367	1,179,872	5,471,715	5,825,746

The Roger Phillips Endowment Fund was established to advance social policy dialogue. The capital is to be invested and the investment income earned is available to fulfill the purpose of the endowment.

The Jack Mintz Endowment Fund was established to support an annual visit and economic seminar by an eminent expert. The capital is to be invested and the investment income is available to fulfill the purpose of the endowment.

The Special Studies Endowment Fund was established to support special projects which would otherwise be difficult to fund through annual membership contributions. The capital is to be invested and the investment income earned is being retained in the Fund to fulfill the purpose of the endowment.

The Sylvia Ostry Endowment Fund was established to stage an annual lecture in Sylvia Ostry's name, featuring a distinguished speaker on a topic related to international economic policy. The capital is to be invested and the investment income earned is available to fulfill the purpose of the endowment.

The Monetary Policy Endowment Fund was established during 2009 to support research, publications and events resulting in further understanding of, and offer policy advice on, Canadian Monetary policy. During the year, further contributions of \$50,000 (2017 – \$50,000) were received. The capital is to be invested and the investment income earned is being retained in the Fund to fulfill the purpose of the endowment.

During the year, in accordance with the wishes of the Endowers, \$282,000 (2017 – \$321,647) of realized investment income was transferred to deferred revenue for the purpose of funding future activities over the fiscal years 2018 to 2021.

The Endowment Funds have been invested in long-term investments (Note 4).

C.D. HOWE INSTITUTE

NOTES TO THE FINANCIAL STATEMENTS

DECEMBER 31, 2018

9. Pension plan

The Institute sponsors a group registered retirement savings plan and a group tax free savings plan for its employees. The Institute's liability is limited to matching contributions for the year and these amounted to \$101,476 (2017 – \$106,363).

The Institute sponsors a registered pension plan and contributions for the year amounted to \$39,461 (2017 – \$36,708).

10. Guarantees

In the normal course of business, the Institute enters into agreements that meet the definition of a guarantee. The Institute's primary guarantees are as follows:

- (a) The Institute has provided indemnities under a lease agreement for the use of operating facilities. Under the terms of the agreement, the Institute agrees to indemnify the counterparties for various items including, but not limited to, all liabilities, loss, suits, and damages arising during, on or after the term of the agreement. The maximum amount of any potential future payment cannot be reasonably estimated.
- (b) Indemnity has been provided to all directors and/or officers of the Institute for various items including, but not limited to, all costs to settle suits or actions due to involvement with the Institute, subject to certain restrictions. The Institute has purchased directors' and officers' liability insurance to mitigate the cost of any potential future suits or actions. The term of the indemnification is not explicitly defined, but is limited to the period over which the indemnified party served as a trustee, director or officer of the Institute. The maximum amount of any future payment cannot be reasonably estimated.
- (c) In the normal course of business, the Institute has entered into agreements that include indemnities in favour of third parties, such as confidentiality agreements, engagement letters with advisors and consultants, outsourcing agreements, leasing contracts, information technology agreements and service agreements. These indemnification agreements may require the Institute to compensate counterparties for losses incurred by the counterparties as a result of breaches in representation and regulations or as a result of litigation claims or statutory sanctions that may be suffered by the counterparties as a consequence of the transaction. The terms of these indemnities are not explicitly defined and the maximum amount of any potential reimbursement cannot be reasonably estimated.

The nature of these indemnification agreements prevents the Institute from making a reasonable estimate of the maximum exposure due to the difficulties in assessing the amount of liability, which stems from the unpredictability of future events and the unlimited coverage offered to counterparties. Historically, the Institute has not made any significant payments under such or similar indemnification agreements and therefore no amount has been accrued in the financial statement, with respect to these agreements.

11. Risk management

The Institute follows a Statement of Investment Policies, which provides the investment objectives, performance expectations and guidelines for the management of its investments.

Market risk

Market risk is the risk that the value of an investment will fluctuate as a result of changes in market prices, whether those changes are caused by factors specific to the specific individual investment or factors affecting all securities traded in the

C.D. HOWE INSTITUTE

NOTES TO THE FINANCIAL STATEMENTS

DECEMBER 31, 2018

11. Risk management (continued)

market. To mitigate this specific risk, the Institute invests in a diversified portfolio of investments in accordance with the Institute's Statement of Investment Policies.

Interest rate risk

The Institute is exposed to interest rate risk with respect to its long-term investments. Changes in the prime interest rate will have a positive or negative impact on the Institute's interest income. Such exposure will increase accordingly should the Institute maintain higher levels of long-term investments in the future.

Credit risk

Credit risk is the risk that one party to a financial instrument will fail to discharge an obligation and cause the other party to incur financial loss. The Institute's investment policies define permitted investments and provide guidelines and restrictions on acceptable investments, which minimizes credit risk.

Foreign exchange risk

Foreign exchange risk is the risk that the fair value of future cash flows of a financial instrument will fluctuate because of changes in foreign exchange rates. The Institute invests in non-Canadian equities and is therefore directly exposed to currency risk, as the value of equities denominated in other currencies will fluctuate due to changes in exchange rates.

BECOME A MEMBER

Your membership is a philanthropic investment in research that seeks to advance systems, structures and policies that support our businesses, and improves the economic and social well-being of all Canadians. Your support of these efforts means a great deal to the Institute.

For more information about becoming a member of the Institute, please contact: Stephane Paris at 416-865-1904, ext 0238, or email SParis@cdhowe.org

SUPPORT THE INSTITUTE

Your personal support is critical to the Institute enhancing its policy impact. As a charity, we ask that you to take a moment and consider making a personal contribution to the C.D. Howe Institute today. You can call in your donation at 416-865-1904 or send an email to cdhowe@cdhowe.org.

CONTACT US

You can contact us by telephone at 416-865-1904 or visit our website: cdhowe.org.

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