

2018 ANNUAL REPORT

Centre for International
Governance Innovation

Acknowledgements

CIGI gratefully acknowledges the support of founding partners Jim Balsillie and the Government of Canada, as well as contributions from the Government of Ontario and the City of Waterloo.

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www.cigionline.org



**We are the
Centre for
International
Governance
Innovation:
an independent,
non-partisan
think tank with
an objective and
uniquely global
perspective.**







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Chair's Message

Innovations in our digital world have significant impacts on how we communicate, conduct business and function as a society. In less than a generation, technological advances to artificial intelligence (AI) systems, driven by a wealth of big data, have led to scientific and industrial progress but also raised fears of privacy violations and a culture of mass surveillance.

These changes have come in such rapid succession — cryptocurrencies are quickly taking their place among financial services and AI systems based on big data have been blamed for misinformation campaigns — that they have outpaced current policies as well as global rules and regulations.

CIGI's response to these questions has been timely and impactful. Through the Data Governance in the Digital Age series of essays and other work, numerous experts have proposed ways to handle data and intellectual property (IP) challenges internationally. They have also built a strong case for Canada to develop its own data strategy. Many of the ideas in the series have led to policy discussions in Ottawa and elsewhere and been discussed in editorial pages in national newspapers. The essays were collected into a printed special report, which is currently in its second printing.

CIGI's leadership on data governance is crucial because big data and its management is becoming one of the important public policy issues of our time. Data's relationship to public safety, cyber security and trade agreements, as well as privacy rights and ethical questions around AI, have a profound impact on local, national and international institutions.

Thanks to our partnerships with many private and public institutions, including the Governments of Canada and Ontario, and the City of Waterloo, CIGI is well positioned to insert new ideas into policy discourse and advance our collective responses to the complex challenges posed by today's knowledge-based and data-driven global economy.

Jim Balsillie
Chair, CIGI Board of Directors

A middle-aged man with a receding hairline, wearing a dark navy blue suit jacket over a white button-down shirt, is seated at a dark wooden table. He is looking directly at the camera with a slight smile. His hands are clasped together in his lap. The background is a blurred indoor setting with large windows and some greenery.

"CIGI's leadership on data governance is crucial because big data and its management is becoming one of the important public policy issues of our time."

A middle-aged man with thinning grey hair is seated on a black leather armchair. He is wearing a dark navy blue blazer over a light blue button-down shirt and grey trousers. His hands are clasped together in his lap. The background consists of a light-colored, textured wall and a large window on the right showing green foliage outside. A red horizontal line is positioned above the quote text.

**"Today we are
witnessing dramatic
changes brought on
by big data, AI and
automation in the
workplace."**



President's Message

Today we are witnessing dramatic changes brought on by big data, AI and automation in the workplace. More than just technological advances, these changes are fundamentally impacting our economies, democratic systems and even the fabric of our societies.

As a think tank focused on innovation, we have quickly brought our attention to these changes. We are assessing not only the opportunities they present but also the very real risks to citizens' rights, international relations and the institutions we depend on, many of which are already under attack from nationalist movements.

Questions about online privacy and the ability for governments and other actors to meddle in democratic processes and hack institutions became increasingly relevant this year with revelations of data misuse by Cambridge Analytica and government-led misinformation campaigns. Public-private partnerships for bridging the gaps between self-regulation and other types of governance will be vital. CIGI's work with Stanford's Global Digital Policy Incubator, Heritage Canada and others will provide insights to protect citizens' rights.

The increasingly digitalized economy also poses new challenges to the future of how we work. Through recent research and our collaboration with the Group of Seven (G7) and Group of Twenty (G20) processes, we have proposed approaches to preparing for the impacts of increased automation and AI on workforces.

CIGI continues to conduct in-depth research and explore policy options in many areas, all of which are affected in one way or another by the rapid changes we are seeing in the digital world driven by innovation and technological change: trade analysis on renegotiations of the North American Free Trade Agreement (NAFTA); women's economic empowerment; research-based solutions to global refugee system challenges; and new work focused on trade, finance and other issues with China and India.

I am proud that CIGI is a leader on tackling the fundamental issues of our times. We have truly become a digital think tank for a digital era.

Rohinton P. Medhora
President, CIGI



**Our research,
opinions
and public
voice make a
difference in
today's world
by bringing
clarity and
innovative
thinking to
global policy
making.**





Data Governance in the Digital Age

The data revolution will transform the way we live and work, but it may also threaten privacy, public security, openness and democracy. Tech and social media companies are collecting, using and selling our personal data for commercial, social, political and, in some cases, criminal purposes. Dealing in data — the “new oil” — has generated considerable wealth for some. Yet the economic and societal impacts of this activity are alarming. Many experts believe that Canada needs a strategy to proactively manage and regulate data and technology.

CIGI has responded by bringing together the perspectives of key federal government, business and industry leaders and academics to imagine a new national data strategy. Our essay series, launched in March 2018, explores roles for Canadian industry, policy considerations for domestic and international data governance, and more. Soon after, Innovation, Science and Economic Development Canada cited CIGI essays and research as part of its data strategy consultation. *The Globe and Mail*, *National Post* and other Canadian media closely followed and quoted the series.

Read all the essays in the special report *Data Governance in the Digital Age*:
www.cigionline.org/data.



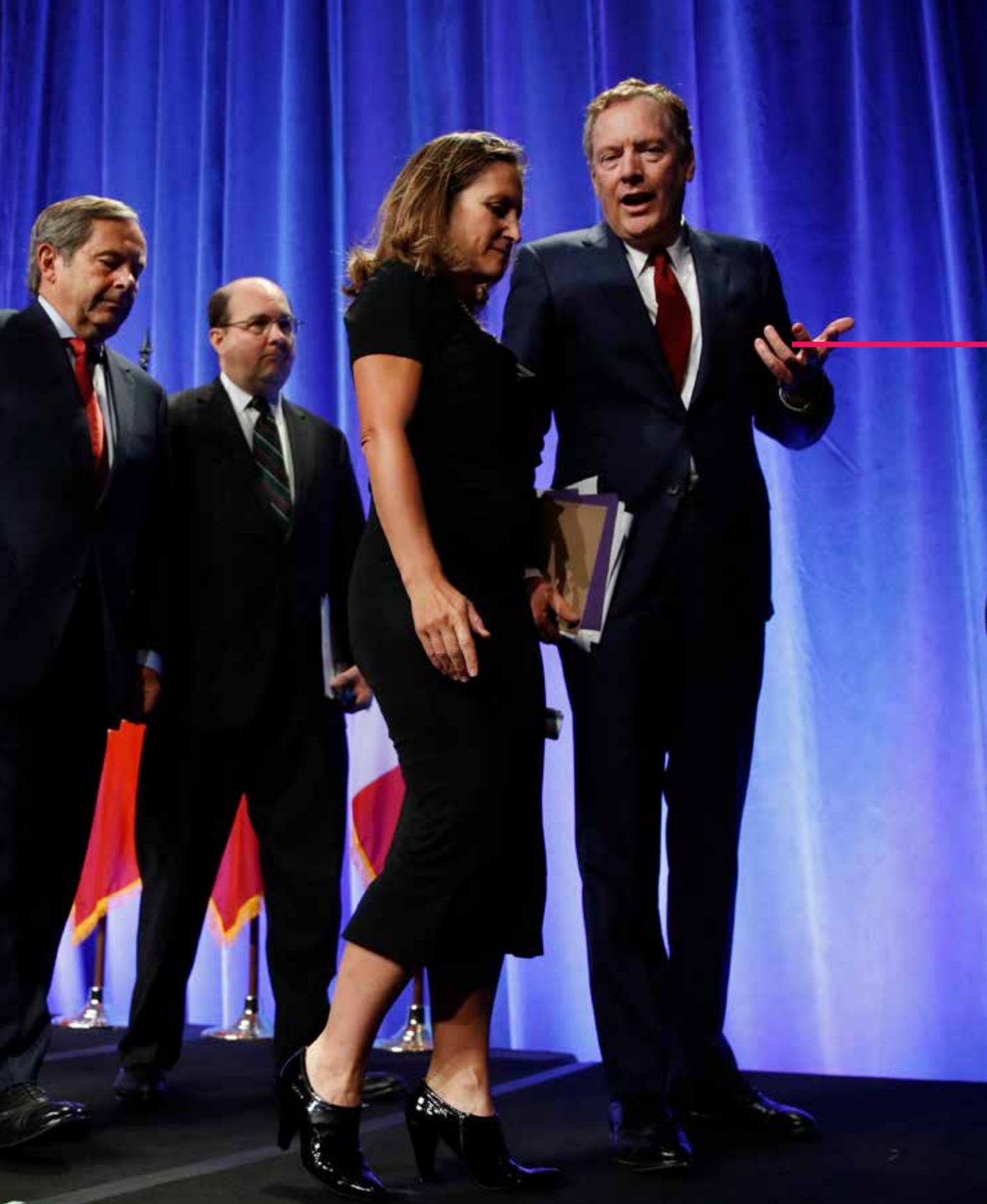


Supporting Women's Economic Empowerment

Currently, women only contribute to about 37 percent of the global GDP, despite gender being about 50/50, and in some developing nations, female business ownership is as low as one to six percent. In response to the gender disparity in trade, CIGI delivered research and held a high-level round table in Geneva in support of implementing the World Trade Organization's (WTO's) Joint Declaration on Trade and Women's Economic Empowerment. Stephen de Boer, Canada's permanent representative to the WTO, described CIGI's contributions as "an exciting development moving forward the discussion in support of the Declaration on Women's Economic Empowerment."

CIGI's essay series Reshaping Trade through Women's Economic Empowerment has given leaders and experts in trade, investment, development, human rights and women's rights a voice to comment on the declaration and to guide others in implementing it. Contributors examine the declaration's strengths and weaknesses and the opportunities and challenges to including women equally in domestic and international trade. Now nations, including Canada, are using trade negotiations to advance women's economic empowerment.

Watch a discussion between Stephen de Boer and Director of the International Law Research Program (ILRP) Oonagh E. Fitzgerald: www.cigionline.org/reshaping.





CIGI Experts on NAFTA Renegotiations

Through multiple rounds of tenacious NAFTA renegotiations, CIGI was a destination for engaging and relevant content. CIGI offered Canadian policy makers and target audiences valuable perspectives into the most pressing issues through poignant opinion articles, insightful papers, topical Twitter conversations, supportive multimedia content and news media commentary. Senior Fellow Jeff Rubin gained attention for his hard look at the auto assembly and parts industry, earning him repeated guest appearances on BNN, CBC, CTV and more. ILRP experts, led by Bassem Awad, deputy director, international IP law and innovation, weighed in on how a modernized NAFTA could protect IP rights and traditional knowledge and cultural expressions while developing a knowledge economy. Hugo Perezcano Díaz, deputy director, international economic law, was sought out for his views on Mexico's part in NAFTA and his practical understanding of the negotiations.

As questions around Canadian manufacturing, unresolved NAFTA chapters and US President Donald Trump's tariffs took centre stage, CIGI's expertise was sought after, earning 1,050 media hits internationally, including in *The New York Times* and *The Guardian*, and regular contributions to *The Globe and Mail*, *Financial Post* and *Maclean's* opinion sections.

Read the special report, *NAFTA 2.0 and Intellectual Property Rights*:
www.cigionline.org/nafta.





Seeking Solutions for the Global Refugee System

In preparation for its final report expected in early 2019, the World Refugee Council (WRC) focused on promoting cooperation, strengthening political accountability, enhancing funding sources and deploying technology to overcome the systemic failures of the current global refugee system. The WRC met with hundreds of experts and policy makers in Geneva, Switzerland; Amman, Jordan; Berlin, Germany; Dar es Salaam, Tanzania; Rhodes, Greece; Addis Ababa, Ethiopia; Bogota, Colombia; New York City; Washington, DC; Berkeley, California; and Ottawa, Canada to prepare bold recommendations to help the international community manage the greatest refugee crisis since World War II.

In April, the Council presented its interim report, in which Chair Lloyd Axworthy noted that despite challenges, reforming the world's approach to refugees is a manageable undertaking. Development Canada shared the report with close to 50,000 social media followers, praising the WRC as “likeminded partners.” In May, WRC Councillor Leymah Gbowee, a Nobel laureate and Liberian peace activist, participated in the Gender Equality Advisory Council, advising Canada’s leaders for its G7 presidency.

Read the WRC interim report, *Transforming the Global Refugee System*:
www.cigionline.org/WRCinterim.

COMPLEXITY'S EMBRACE

The International Law Implications of Brexit

COMPLEXITY'S EMBRACE

The International Law Implications of Brexit

Fitzgerald | Lein

Editors
Donagh E. Fitzgerald | Eva Lein

OXFORD
UNIVERSITY PRESS



Complexity's Embrace: **A Timely Look at International Law and Brexit**

Complexity's Embrace: The International Law Implications of Brexit is a collection of essays edited by Oonagh E. Fitzgerald, director of the ILRP at CIGI, and Eva Lein, professor at the University of Lausanne and senior research fellow at the British Institute of International and Comparative Law. This timely volume examines the political, economic, environmental, social and legal fallout of the storm unleashed by the United Kingdom's June 2016 referendum.

The book brings together experts from different parts of the world on the important issues affected by Brexit: trade, financial services, IP, environmental law and human rights. How do you unbind international law and rewrite it? What will happen to the international and domestic laws and regulations that shape daily life? Contributors address these questions and more.

Complexity's Embrace was presented to great interest in the United Kingdom at an event in May attended by members of the House of Lords, Brexit advisers and Brexit correspondents from media outlets such as Politico and the *Financial Times*.

Watch the editors explain why this book is needed so badly:
www.cigionline.org/complexity.

Risks and Rights in a Global Digital World

Despite our increasingly digitized societies, online privacy is a growing concern for the majority of global users. Through research and collaborative partnerships, CIGI experts are sharing greater understanding of internet users' risks and rights in a global digital world.

The latest CIGI-Ipsos survey of global internet users revealed that a majority are concerned about online privacy and reported high levels of distrust of social media. The survey gained broad attention thanks to a live Facebook launch at the RightsCon summit on human rights in the digital age, and support from partners Ipsos Public Affairs, the Internet Society and the United Nations Conference on Trade and Development.

In March, CIGI partnered in a high-profile event that brought together Silicon Valley leaders to find ways to protect rights such as freedom of expression, diversity and civic engagement. Mélanie Joly, former Minister of Canadian Heritage, joined Fen Osler Hampson, director of CIGI's Global Security & Politics Program, and Eileen Donahoe, CIGI distinguished fellow and executive director of Stanford's Global Digital Policy Incubator, in conversation about democratic roles and responsibilities in a connected world.

Read the 2018 CIGI-Ipsos Global Survey on Internet Security and Trust:
www.cigionline.org/internetsurvey.

The Future of Governance and Blockchain Technology

In October 2017, CIGI welcomed ETHWaterloo to host the largest Ethereum hackathon. The 36-hour event gave 400 developers the opportunity to build applications using the Ethereum platform — a blockchain infrastructure that facilitates secure, peer-to-peer data transfer without involving a third party. Ethereum founder Vitalik Buterin spoke to CIGI Senior Fellow Julie Maupin about the future of the technology, building relationships between developers and regulators and the need for governance. Maupin also provided legal mentoring to participants and judged the final competition.

In November, CIGI partnered with UN Climate Change, the World Bank and major industry brands to take part in Hack4Climate during the UN Climate Change Conference (COP23) in Bonn. Sponsors brought bright minds to work on utilizing blockchain technology solutions to help tackle climate change. CIGI provided background research and helped identify project areas. Hackers proposed technological solutions such as using blockchain to report monitoring of greenhouse gas emissions or peer-to-peer exchange of carbon assets.

CIGI continues to explore the international law implications of using blockchain technology in international financial transactions and potential regulatory frameworks.

Watch CIGI's most-shared video and learn what blockchain is:
www.cigionline.org/blockchain.

INFLECTION POINT

Reporters, CDC
of Saskatchewan
Mikwako Native
Church Fellow, Wiyaniweini
Centre, University of Saskatchewan
Professor, Faculty of Law
General, Amnesty International
Faculty of Law, McGill University
and the Marine & Environmental
University
Justice Journalist and Graduate
University

Chair in the Law of

RECEPTION AND BOOK LAUNCH | RÉCEPTION ET LANCEMENT DE LIVRE

5:30-7:00 p.m. / 17 h 30-19 h
Immediately following the conference

*Reflections on Canada's Past, Present and Future in
International Law / Réflexions sur le passé, le présent et
l'avenir du Canada en matière de droit international*

Edited by F. Vanderwall, Anthony Hughes and Mark Swartz, Editors

This book provides an opportunity for Canadian
scholars and others to reflect on Canada's rich history
and heritage, while we find ourselves today in the
middle of a new era. It is a time when we must shape a future in which
we can approach a sustainable world with
the official languages chosen by
Canada's past and present in
the future as well as the present
of the past of law.

International Law Reflections

et de droit international

et de droit international

et de droit international

Reflections on Canada's Past, Present and Future in International Law

In *Reflections on Canada's Past, Present and Future in International Law / Réflexions sur le passé, le présent et l'avenir du Canada en matière de droit international*, Canadians legal experts discuss where Canada stands as a middle power, how it has shaped the global rule of law and where we need to go to preserve and strengthen it. This conversation is especially relevant in a time when even the most powerful nations view international law as a threat to their own domestic agendas.

Reflections / Réflexions brings together unique and fresh perspectives — with each chapter written in the official language chosen by its author — on international human rights and humanitarian law, international economic law, treaty law, Indigenous law and IP law.

The book was launched in June 2018 in Ottawa following a high-profile CIGI-hosted public conference where influencers from government, academic and legal spheres participated in several lively panel discussions moderated by, among others, Global Affairs Canada's Jonathan Fried, *Globe and Mail* national business correspondent Shawn McCarthy and CBC Indigenous reporter Jose Barrera.

Watch the editors discuss why it is important to reflect on Canada's past, present and future: www.cigionline.org/reflections.



INDIA-CANADA TRADE 5 DIALOGUE

GATEWAY HOUSE
AN INDEPENDENT COUNCIL ON GLOBAL RELATIONS
गैटवे हाउस अन्तराष्ट्रीय सम्बन्ध



Ministry of External Affairs
Government of India

Centre for International
Cooperation



CIGI



CIGI

CIGI



Rohinton Medhura
President, Centre for International Cooperation

Rohinton Medhura



Shruti Kulkarni



Beginning a Canada-India Dialogue

Canada and India maintain strong bilateral relations based on shared values and healthy economic ties. Each country is also facing rapid changes in technology. To help navigate these common challenges, CIGI President Rohinton P. Medhora launched the Canada-India Dialogue on Innovation, Growth and Prosperity with partner Gateway House: Indian Council on Foreign Relations to bring together key experts, Canadian and Indian government officials, and business leaders concerned about trade, economic growth and innovation between the two countries. This initiative was launched with Manjeet Kripalani, executive director of Gateway House, along with Harjit Sajjan, Canada's minister of national defence, on the margins of Prime Minister Justin Trudeau's visit to India in February.

Experts and thought leaders from Canada and India will meet annually over three years to develop recommendations for policy makers to promote innovation and tackle mutual governance issues. This significant initiative received widespread attention: India's High Commissioner to Canada shared the news, and Chinese news agency Xinhua ran a story on enhancing economic ties between Canada and India that featured Medhora and CIGI.

Read the press release announcing the Canada-India Dialogue:
www.cigionline.org/india.

Data, AI, Automation and the Future of Work: Notes for the G7 and G20

In advance of the 2018 G7 summit in Charlevoix, Quebec, CIGI participated in a major round table, held in January 2018, with G7 Sherpa representatives on automation and the future of work. In May, CIGI released *Automation and the Future of Work: Scenarios and Policy Options* by CIGI experts Joël Blit, Samantha St. Amand and Joanna Wajda. This paper informed discussions at the International Monetary Fund spring meetings, which featured participants from Canadian and Argentinian governments.

Building on these successful meetings, CIGI also accompanied the Rt. Honourable Paul Martin as part of a delegation sent to Buenos Aires to advance process and policy considerations as Argentina prepared to host the first G20 summit in South America.

CIGI Distinguished Fellow Paul Twomey contributed to the discussion about the future of work by proposing a human-focused framework for AI in the workplace that would allow G20 governments to protect their citizens from inadvertent biases written into AI and potential discrimination of already-marginalized groups.

Read *Automation and the Future of Work: Scenarios and Policy Options*:
www.cigionline.org/futureofwork.

China and the Global Economy

China's growing presence and importance in the global economy, and current trade war with the United States, have drawn the attention of experts with CIGI's Global Economy Program, who are focusing on new trade relationships and the difficulties of digital trade governance. Alex (Xingqiang) He, Yong Wang, Barry Eichengreen, Dan Ciuriak, Susan Ariel Aaronson and Hongying Wang are among the CIGI experts who have contributed analysis and commentary to the discussion.

CIGI Research Fellow Alex He's reputation as a leading expert on Canada-China and US-China relations has grown quickly. His July 2018 paper on economic policy under Xi Jinping is the first of three on the subject. As Prime Minister Trudeau made his second trip to China, Alex commented, with CIGI Fellows Hongying Wang and Susan Ariel Aaronson, on Canada's challenges in pushing for progressive trade with China. Alex He also wrote an op-ed for *The Hill* offering commentary on US-China tensions over alleged IP theft and has provided commentary for the *Los Angeles Times*, Bloomberg and *Salon* magazine.

Read Alex He, Hongying Wang and Susan Ariel Aaronson's opinion piece on obstacles to Canada-China trade: www.cigionline.org/obstacles.





Using Trade to Address Climate Change

The WTO and the United Nations Framework Convention on Climate Change seem to be at odds. The WTO governs trade rules, but not climate. Certain trade restrictions may come into conflict with measures enacted to address climate change — and vice versa. Yet the goal of such controls should be to combine the most benefit for the environment with the least risk to trade.

James Bacchus, a senior fellow with CIGI's ILRP, was a member of the Appellate Body at the WTO in Geneva and served twice as its chairman. His CIGI special report, *The Case for a WTO Climate Waiver*, urges the WTO to revise and realign WTO rules in accordance with the objectives of sustainable development. Bacchus continued the debate with other CIGI experts in a public high-level discussion on trade rules and climate measures in January in Ottawa and in an opinion piece for the International Centre for Trade and Sustainable Development in March.

Read *The Case for a WTO Climate Waiver*: www.cigionline.org/climatewaiver.

Valuing Traditional Knowledge and Indigenous Innovation

In 2017, the ILRP launched the Traditional Knowledge research project with five internationally renowned scholars offering strategic guidance. The project is focused on the role of IP, traditional knowledge and genetic resources held or used by Indigenous peoples, and their implications for global and domestic innovation.

Ruth Okediji's work for CIGI is focused on designing a legal framework for genetic resources and traditional knowledge that will support Indigenous innovation. Through a round table with the Canadian Council for Aboriginal Business, CIGI explored the potential contributions of Canada's Indigenous peoples to the innovation economy and North American trade. CIGI also provided a forum for Indigenous leaders and North American experts to discuss ensuring NAFTA objectives do not undermine protection of Indigenous knowledge.

CIGI obtained the status of observer at the World Intellectual Property Organization's Intergovernmental Committee on Intellectual Property and Genetic Resources, Traditional Knowledge and Folklore and has significantly contributed to the negotiations through a series of publications, official side events and a policy retreat in Geneva.

Watch Margo A. Bagley talk about design rights, IP and Indigenous peoples:
www.cigionline.org/designrights.

Writing International Laws for Deep Seabed Mining

Natural resources such as gold, copper, manganese and zinc lie deep in the ocean and state-sponsored companies are now surveying and staking claim to these resources, which fall beyond national jurisdictions. There are, however, substantial gaps in existing international law regarding damage for environmental harm caused by exploration and mining activities. As a result, CIGI experts have taken on a leadership role along with other partners to write international law where there is none.

A legal working group composed of experts in various areas of international law was convened by CIGI, directed by Senior Fellow A. Neil Craik, in collaboration with the International Seabed Authority and the Commonwealth Secretariat, to address the issue of liability for environmental and other harm that could arise from deep seabed mining. The Liability Issues for Deep Seabed Mining project held several workshops in 2017 and 2018. Its *Synthesis Report on Liability Issues* was published in July 2018, with a series of papers to follow.

Watch the leaders of the project discuss legal pathways for addressing environmental harm in deep seabed mining activities: www.cigionline.org/seabed.



**By working
across
disciplines and
in partnership
with the best
peers and
experts, we are
the benchmark
for influential
research and
trusted analysis.**

"Amazonian
Roofs"
Maria Memon
oil on canvas

Representing a landscape,
this abstract work uses
warm, earthy tones to
evoke the Amazonian
rainforest. The artist
uses thick, expressive
brushstrokes to create
a sense of depth and
texture.



Selected Publications

Toward a Free Trade Agreement with China: Opportunities, Challenges and Building Blocks for Canada
(Special Report)

PATRICK LEBLOND
AUGUST 2, 2017

NAFTA 2.0 and Intellectual Property Rights: Insights on Developing Canada's Knowledge Economy
(Special Report)

INTRODUCTION BY BASSEM AWAD
SEPTEMBER 26, 2017

Trump and the IMF
(CIGI Policy Brief No. 118)

SUSAN SCHADLER
OCTOBER 11, 2017

Intellectual Property in a Renegotiated North American Free Trade Agreement: A Canadian Perspective
(CIGI Paper No. 139)

TON ZUIJDWIJK
AUGUST 14, 2017



CIGI experts — from E. Richard Gold to Michael Geist and Teresa Scassa — respond to NAFTA renegotiations with analysis on how a new IP chapter can support Canadians who turn ideas into innovations.

Mapping the Global Legal Landscape of Blockchain and Other Distributed Ledger Technologies
(CIGI Paper No. 149)

JULIE MAUPIN
OCTOBER 13, 2017



Beyond cryptocurrencies, Julie Maupin took a hard look at the regulatory and policy conundrums of distributed ledger technologies such as blockchain.

Getting beyond Norms: New Approaches to International Cyber Security Challenges
(Special Report)

INTRODUCTION BY FEN OSLER
HAMPSON AND MICHAEL SULMEYER
SEPTEMBER 7, 2017

Flood Risk and Shared Responsibility in Canada: Operating on Flawed Assumptions?
(CIGI Policy Brief No. 116)

DANIEL HENSTRA AND
JASON THISTLETHWAITE
SEPTEMBER 20, 2017

Toward a Trade and Indigenous Peoples' Chapter in a Modernized NAFTA
(CIGI Paper No. 144)

RISA SCHWARTZ
SEPTEMBER 27, 2017

Renegotiating the EU-UK Trade Relationship: Lessons from NAFTA (Brexit: The International Legal Implications Paper No. 2)

DAVID A. GANTZ
OCTOBER 26, 2017

The Knowledge-based and Data-driven Economy: Quantifying the Impacts of Trade Agreements (CIGI Paper No. 156)

DAN CIURIAC
DECEMBER 6, 2017

Sui Generis Sovereignities: The Relationship between Treaty Interpretation and Canadian Sovereignty (Canada in International Law at 150 and Beyond Paper No. 1)

JOSHUA NICHOLS
JANUARY 11, 2018

Developing a National Strategy for Climate Engineering Research in Canada (CIGI Paper No. 153)

A. NEIL CRAIK
NOVEMBER 2, 2017

Tug of War: Negotiating Security in Eurasia (Book)

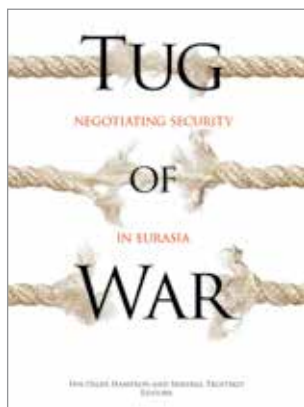
FEN OSLER HAMPSON AND MIKHAIL TROITSKIY, EDITORS
DECEMBER 18, 2017

The North American Arctic: Energizing Regional Collaboration and Governance (Special Report)

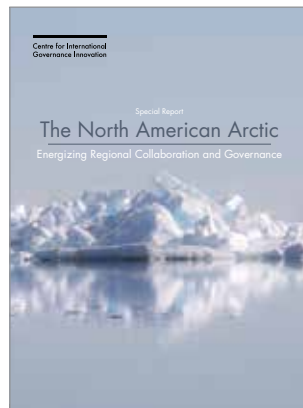
JENNIFER SPENCE AND
JOHN HIGGINBOTHAM
FEBRUARY 1, 2018

New Thinking on Innovation (Special Report)

FOREWORD BY MICHAEL SPENCE
NOVEMBER 21, 2017



A new book edited by Fen Osler Hampson and Mikhail Troitskiy takes a critical look at international dynamics at play in Eurasia affecting peace and prosperity in the region.



Launched at a round table of top Arctic government officials, John Higinbotham's comments related to this special report received major media attention in the context of economic development in Canada's Arctic.

Illegal Designs? Enhancing Cultural and Genetic Resource Protection through Design Law (CIGI Paper No. 155)

MARGO A. BAGLEY
DECEMBER 5, 2017

Digital Trade: Is Data Treaty-Ready?
(CIGI Paper No. 162)

DAN CIURIAC
FEBRUARY 21, 2018

Complexity's Embrace: The International Law Implications of Brexit (Book)

OONAGH E. FITZGERALD AND
EVA LEIN, EDITORS
APRIL 5, 2018



Launched in London with partner the British Institute of International Comparative Law, this book is a timely and insightful look at issues of trade, financial services, IP, the environment and human rights following the United Kingdom's Brexit vote.

Transforming the Global Refugee System: Solidarity, Humanity and Accountability (Interim Report)

WORLD REFUGEE COUNCIL
APRIL 10, 2018



Chair Lloyd Axworthy outlines key work of the WRC in introducing this initial look at core areas of focus: accountability, responsibility sharing and governance, and finance. The Council's final report is due out in early 2019.

Engaging National Human Rights Institutions in Implementing the UN Declaration on the Rights of Indigenous Peoples (CIGI Paper No. 171)

BRENDA L. GUNN
APRIL 30, 2018

Data Governance in the Digital Age (Special Report)

INTRODUCTION BY ROHINTON P.
MEDHORA
MAY 16, 2018



Energy industry executive Ian MacGregor joins CIGI and other experts including Theresa Scassa and Bianca Wylie to make a strong case for why a data strategy is fundamental in an age of big data and AI.

Automation and the Future of Work: Scenarios and Policy Options (CIGI Paper No. 174)

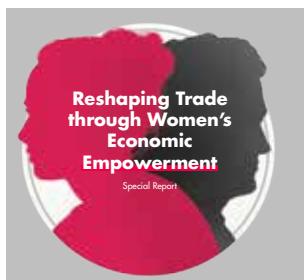
JOËL BLIT, SAMANTHA ST. AMAND
AND JOANNA WAJDA
MAY 29, 2018

Traditional Knowledge and the
Public Domain
(CIGI Paper No. 176)

RUTH OKEDIJI
JUNE 15, 2018

Reshaping Trade through Women's
Economic Empowerment
(Special Report)

INTRODUCTION BY OONAGH E.
FITZGERALD
JUNE 15, 2018

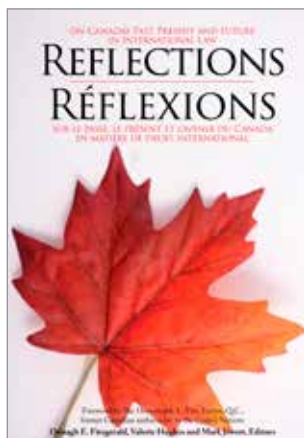


A collection of essays from experts across the spectrum of trade, economic policy and gender issues, this special report has supported high-level dialogues within the WTO, including with Canada's ambassador to the WTO Stephen de Boer, on how to implement the Declaration on Trade and Women's Economic Empowerment.

*Reflections on Canada's Past, Present
and Future in International Law*

*Réflexions sur le passé, le présent
et l'avenir du Canada en matière
de droit international* (Book)

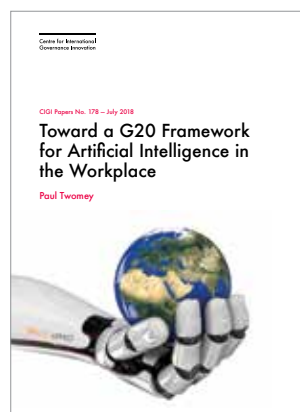
OONAGH E. FITZGERALD, VALERIE
HUGHES AND MARK JEWETT, EDITORS
JUNE 19, 2018



In addition to many of the book's authors, government officials such as Global Affairs Canada's Jonathan Fried and others such as *Globe and Mail* Ottawa bureau chief Robert Fife participated in the Ottawa launch of *Reflections*, which assesses Canada's rich history in international law and governance and its place internationally in the years to come.

Toward a G20 Framework for
Artificial Intelligence in the
Workplace (CIGI Paper No. 178)

PAUL TWOMEY
JULY 19, 2018



Close to one-half of all jobs will be impacted by AI and robotics in the next two decades. A path forward is needed to ensure trust and security are part of a smooth and socially acceptable introduction of big data and AI in the workplace.

Selected Opinions

What the Endgame in NAFTA Talks Will Look Like

DAN CIURIAK
AUGUST 21, 2017

Indigenous Knowledge Has Key Place in NAFTA Renegotiations

OLUWATOBILOBA (TOBI) MOODY
AUGUST 22, 2017

How Indigenous Art Is Challenging Colonial Law

JEFFREY G. HEWITT
SEPTEMBER 27, 2017

Is Canada Really Moving beyond Its Colonial Past?

JOSHUA NICHOLS AND
ROBERT HAMILTON
SEPTEMBER 28, 2017

Rohingya Women Face Violence, By Military and Inside Camps

SARA PERRIA
SEPTEMBER 29, 2017



The US Federal Reserve Is a Boys' Club Again

KEVIN CARMICHAEL AND SAMANTHA ST. AMAND
JANUARY 31, 2018



The Ministry of Artificial Intelligence

JESSE HIRSH
APRIL 30, 2018



How Social Media Can Silence Dissent

SAMIRA SHACKLE
JULY 16, 2018

The G20 Fights Fires — But It Won't Prevent Them

KEVIN CARMICHAEL
JULY 26, 2018

Artificial Intelligence Could Magnify Social Inequality

BUSHRA EBADI
MAY 7, 2018

The Making of Moon's Détente

ROBERT KELLY
JULY 5, 2018



Data's Double-edged Sword

AMIRA ELGHAWABY
MAY 24, 2018

Selected Events

Indigenous Participation in NAFTA Renegotiations Round Table

AUGUST 2, 2017

International Law Graduate Student Conference

AUGUST 14, 2017

World Trade Public Forum: Trade Behind the Headlines

SEPTEMBER 26, 2017

Indigenous Rights and the Protection of Traditional Knowledge, Traditional Cultural Expressions and Genetic Resources in a Renegotiated North American Free Trade Agreement

NOVEMBER 1, 2017

Commission on Global Economic Transformation Launch

OCTOBER 21, 2017



Rohinton P. Medhora joined Nobel Prize-winning economists Joseph Stiglitz and Michael Spence as members of the Commission on Global Economic Transformation launched in partnership with the Institute for New Economic Thinking.

United Nations Framework Convention on Climate Change COP23: Climate Ledger Initiative Workshop and Hack4Climate Event

NOVEMBER 7, 2017

Global Youth Forum: "Climate Change & Sustainability in the Global Context"

DECEMBER 15, 2017

WTO Eleventh Ministerial Conference: Workshops on Strengthening the WTO Dispute Settlement System, Making Trade More Equitable and the International Law of Investment Framework

DECEMBER 10–12, 2017

Progress on the Governance of Climate Change Regulations in Shipping

JANUARY 5, 2018

Canada's Feminist International Assistance Policy Round Table

JANUARY 23, 2018



Marie-Claude Bibeau, minister of international development and La Francophonie, joined CIGI President Rohinton P. Medhora and other CIGI experts to discuss Canada's Feminist International Assistance Policy and other issues.

Roundtable Discussion on Data Governance and Strategy

FEBRUARY 9, 2018



Canadian Foreign Affairs Minister Chrystia Freeland, Parliamentary Secretary to the Minister of Innovation, Science and Economic Development David Lametti (centre) and NAFTA negotiator Steve Verheul (on right) joined CIGI for this high-level discussion on data governance.

Canada-India Dialogue on Innovation, Growth and Prosperity

FEBRUARY 20, 2018

Look Who's Watching: Surveillance, Treachery and Trust Online

FEBRUARY 21, 2018

CyberCanada Senior Leadership Summit

FEBRUARY 28, 2018

Celebrating Women of Influence in Tech

MARCH 8, 2018

Governance Innovation for a Connected World: Protecting Free Expression, Diversity and Civic Engagement in the Global Digital Ecosystem

MARCH 8, 2018



CIGI brought together Stanford University Global Digital Policy Director Eileen Donahoe and former Heritage Canada Minister Mélanie Joly for a timely discussion on an increasingly digitized society.

Reshaping Trade through Women's Economic Empowerment

APRIL 20, 2018



Canada's Ambassador to the WTO Stephen de Boer, Director of the ILRP Oonagh E. Fitzgerald, former Minister of Trade for Argentina Susana Malcorra (on left) and Executive Director of the International Trade Centre Arancha González (on right) participated in this CIGI round table with trade experts from around the world to explore ways to remove trade barriers to women.

Powering Change: Women in Innovation and Creativity

APRIL 26, 2018

Our Data-Driven Future

MAY 15, 2018

Systemic Risk in the Financial Sector: Ten Years after the Global Financial Crisis

MAY 24, 2018

Advancing Canada's Interests in the WTO

GLOBAL POLICY FORUM

MAY 29, 2018

The Role of Technology in Addressing the Global Migration Crisis

JUNE 5, 2018



Silicon Valley leaders met with Madeleine Albright, Lloyd Axworthy and World Refugee Councilors through a partnership with the Aspen Ministers Forum. The workshop explored technological solutions for more participatory forms of governance, new models of responsibility sharing and more transparent systems of accountability.

World Refugee Council Greece Meeting

JUNE 29, 2018

Jeju Forum: Reengineering Peace for Asia

JUNE 26–28, 2018

Canada in International Law: At the Inflection Point

JUNE 19, 2018

The Data Effect

JUNE 26, 2018

World Refugee Council Meetings on the Venezuelan Refugee and Migration Crisis

JULY 29–31, 2018



An estimated 1.6 million Venezuelans have fled their country since 2015, in particular to neighbouring Colombia. Marta Lucía Ramírez, vice president of Colombia, shared her perspectives during meetings with WRC members.

Financials

Report of the Independent Auditors on the Summary Financial Statements

To the Directors of The Centre for International Governance Innovation,

The accompanying summary financial statements, which comprise the summary balance sheet as at July 31, 2018 and the summary statement of revenue, expenses and changes in fund balances for the year then ended, and related notes, are derived from the financial statements of The Centre for International Governance Innovation (the “Organization”) as at, and for the year ended, July 31, 2018. We expressed an unmodified audit opinion on those financial statements in our report dated November 6, 2018. Those financial statements, and the summary financial statements, do not reflect the effects of events that occurred subsequent to the date of our report on those financial statements.

The summary financial statements do not contain all the disclosures required by Canadian accounting standards for not-for-profit organizations. Reading the summary financial statements, therefore, is not a substitute for reading the audited financial statements of the Organization.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation of a summary of the financial statements on a basis developed by management, which includes removing the statement of cash flows, retaining major subtotals, totals and comparative information, and retaining the information from the audited financial statements dealing with matters having a pervasive or otherwise significant effect on the summary financial statements.

Auditor's Responsibility

Our responsibility is to express an opinion on the summary financial statements based on our procedures, which were conducted in accordance with Canadian Auditing Standard 810, “Engagements to Report on Summary Financial Statements”.

Download the full audited financial statements: www.cigionline.org/financials.

Opinion

In our opinion, the summary financial statements derived from the financial statements of the Organization as at, and for the year ended, July 31, 2018 are a fair summary of those financial statements in accordance with the basis developed by management, which includes removing the statement of cash flows, retaining major subtotals, totals and comparative information, and retaining the information from the audited financial statements dealing with matters having a pervasive or otherwise significant effect on the summary financial statements.

Other matter

The audited financial statements of the Organization are available upon request by contacting the Organization.

Zeifmans LLP

Chartered Professional Accountants
Licensed Public Accountants
Toronto, Ontario, November 6, 2018

Notes to the Summary Financial Statements

Resources contributed for endowment are included in the Long Term Endowment Fund. Certain of such resources are to be held for a period of ten years or upon the dissolution, liquidation or winding up of the Organization, whichever occurs later. Certain of such resources contributed by the Federal Government of Canada is restricted in perpetuity. Investment income earned on resources of the Long Term Endowment Fund is reported in the Operating and Capital Fund.

The Operating and Capital Funds account for the Organization's program delivery, administrative activities, and non-campus related capital assets.

The Africa Restricted Fund is focused on the effects of climate change on Africa's security and socioeconomic development.

The John Holmes Fund is focused on funding the operations of the library.

The Campus Fund is a Organization initiative in collaboration with provincial and federal governments designed to house several graduate schools and programs. Two such initiatives are the Balsillie School of International Affairs (BSIA) and the ILRP. As a hub of different schools and programs, the Campus Fund cultivates an interdisciplinary learning environment focused on developing knowledge of global issues.

Summarized Balance Sheet

| AS AT JULY 31, 2018 | LONG-TERM ENDOWMENT | OPERATING AND CAPITAL | SUBTOTAL | AFRICA |
|--|------------------------|--------------------------|----------------------|---------------------|
| CURRENT ASSETS | | | | |
| Cash and Cash Equivalents | \$ 2,271,620 | \$ 2,488,851 | \$ 4,760,471 | \$ 8,839 |
| Portfolio Investments | 56,178,733 | 23,395,851 | 79,574,584 | 5,737,591 |
| Accounts Receivable | - | 1,449,886 | 1,449,886 | - |
| Prepaid Expenses | - | 283,359 | 283,359 | - |
| CURRENT ASSETS TOTAL | 58,450,353 | 27,617,947 | 86,068,300 | 5,746,430 |
| OTHER ASSETS | | | | |
| Property and Equipment | - | 3,719,468 | 3,719,468 | - |
| Lease Inducement | - | 289,006 | 289,006 | - |
| OTHER ASSETS TOTAL | - | 4,008,474 | 4,008,474 | - |
| TOTAL ASSETS | \$ 58,540,353 | \$ 31,626,421 | \$ 90,076,774 | \$ 5,746,430 |
| CURRENT LIABILITIES | | | | |
| Accounts Payable and Deferred Revenue | \$ - | \$ 2,407,444 | \$ 2,407,444 | \$ - |
| Unrealized Loss on Forward Contracts | 174,518 | - | 174,518 | - |
| TOTAL LIABILITIES | 174,518 | 2,407,444 | 2,581,962 | - |
| FUND BALANCES | | | | |
| Invested in Capital Assets | - | 3,719,468 | 3,719,468 | - |
| Externally Restricted | 58,275,835 | - | 58,275,835 | 5,746,430 |
| Internally Restricted | - | - | - | - |
| Unrestricted | - | 25,499,509 | 25,499,509 | - |
| TOTAL FUND BALANCES | 58,275,835 | 29,218,977 | 87,494,812 | 5,746,430 |
| TOTAL LIABILITIES AND FUND BALANCES | \$ 58,450,353 | \$ 31,626,421 | \$ 90,076,774 | \$ 5,746,430 |

| J HOLMES | | | CAMPUS | | ILRP | TOTAL 2018 | TOTAL 2017 | | |
|----------|---------|----|------------|----|------------|---------------|---------------|----|-------------|
| \$ | - | \$ | 79,862 | \$ | 515,981 | \$ | 5,365,153 | \$ | 5,891,186 |
| | 413,348 | | 15,459,998 | | 20,035,288 | | 121,220,809 | | 123,966,744 |
| | - | | - | | - | | 1,449,886 | | 1,230,454 |
| | - | | 78,615 | | 62,216 | | 424,190 | | 1,112,903 |
| | 413,348 | | 15,618,475 | | 20,613,485 | | 128,460,038 | | 132,201,287 |
| | - | | 53,566,489 | | - | | 57,285,957 | | 59,180,608 |
| | - | | - | | - | | 289,006 | | 299,310 |
| | - | | 53,566,489 | | - | | 57,574,963 | | 59,479,918 |
| \$ | 413,348 | \$ | 69,184,964 | \$ | 20,613,485 | \$ | 186,035,001 | \$ | 191,681,205 |
| | | | | | | | | | |
| \$ | - | \$ | - | \$ | - | \$ | 2,407,444 | \$ | 1,446,505 |
| | - | | - | | - | | 174,518 | | 2,546 |
| | - | | - | | - | | 2,581,962 | | 1,449,051 |
| | - | | 53,566,489 | | - | | 57,285,957 | | 59,180,608 |
| | 413,348 | | 14,995,874 | | 20,613,485 | | 100,044,972 | | 107,825,622 |
| | - | | 622,601 | | - | | 622,601 | | 620,110 |
| | - | | - | | - | | 25,499,509 | | 22,605,814 |
| | 413,348 | | 69,184,964 | | 20,613,485 | | 183,453,039 | | 190,232,154 |
| \$ | 413,348 | \$ | 69,184,964 | \$ | 20,613,485 | \$ | 186,035,001 | \$ | 191,681,205 |

Summarized Statement of Revenue, Expenses and Changes in Fund Balances

| AS AT JULY 31, 2018 | LONG-TERM ENDOWMENT | OPERATING AND CAPITAL | SUBTOTAL | AFRICA |
|--|------------------------|--------------------------|----------------------|---------------------|
| REVENUE (LOSS) | | | | |
| Realized Investment Income | \$ - | \$ 11,574,989 | \$ 11,574,989 | \$ 296,202 |
| Grants (Government and Other) | - | 770,762 | 770,762 | - |
| Donations and Other Revenue | - | 539,821 | 539,821 | - |
| Unrealized Investment Income (Loss) | - | (2,847,660) | (2,847,660) | (54,977) |
| REVENUE (LOSS) TOTAL | - | 10,037,912 | 10,037,912 | 241,225 |
| EXPENSES | | | | |
| Research, Conferences and Partnerships | - | 6,963,016 | 6,963,016 | 413,870 |
| Administrative | - | 1,946,285 | 1,946,285 | - |
| Amortization | - | 378,455 | 378,455 | - |
| Facilities | - | 92,882 | 92,882 | - |
| Technical Support | - | 428,334 | 428,334 | - |
| EXPENSES TOTAL | - | 9,808,972 | 9,808,972 | 413,870 |
| EXCESS OF REVENUE OVER EXPENSES (EXPENSES OVER REVENUE) | - | 228,940 | 228,940 | (172,645) |
| FUND BALANCES, BEGINNING OF THE YEAR | 59,279,276 | 26,552,870 | 85,832,146 | 5,868,868 |
| INTERFUND TRANSFER | (1,003,441) | 2,437,167 | 1,433,726 | 50,207 |
| FUND BALANCES, END OF THE YEAR | \$58,275,835 | \$ 29,218,977 | \$ 87,494,812 | \$ 5,746,430 |

| J HOLMES | | | CAMPUS | | | ILRP | | | TOTAL 2018 | TOTAL 2017 |
|-----------|----------------|-----------|-------------------|-----------|-------------------|-----------|--------------------|-----------|--------------------|---------------|
| \$ | 1,653 | \$ | 1,348,958 | \$ | 507,545 | \$ | 13,729,347 | \$ | 9,337,640 | |
| | - | | - | | 3,202,656 | | 3,973,418 | | 3,525,400 | |
| | - | | 871,862 | | - | | 1,411,683 | | 1,319,422 | |
| | - | | (396,191) | | 125,845 | | (3,172,983) | | (2,016,791) | |
| | 1,653 | | 1,824,629 | | 3,836,046 | | 15,941,465 | | 12,165,671 | |
| | - | | 2,152,494 | | 6,424,358 | | 15,953,738 | | 15,931,107 | |
| | - | | 198,980 | | 464,579 | | 2,609,844 | | 1,973,594 | |
| | - | | 1,705,704 | | - | | 2,084,159 | | 2,713,660 | |
| | - | | 867,666 | | 145,683 | | 1,106,231 | | 1,179,226 | |
| | - | | 420,325 | | 117,949 | | 966,608 | | 781,789 | |
| | - | | 5,345,169 | | 7,152,569 | | 22,720,580 | | 22,579,376 | |
| | 1,653 | | (3,520,540) | | (3,316,523) | | (6,779,115) | | (10,413,705) | |
| | 411,695 | | 72,964,472 | | 25,154,973 | | 190,232,154 | | 200,645,859 | |
| | - | | (258,968) | | (1,224,965) | | - | | - | |
| \$ | 413,348 | \$ | 69,184,964 | \$ | 20,613,485 | \$ | 183,453,039 | \$ | 190,232,154 | |



Thank You

The stories in this year's annual report highlight only some of the high-quality and innovative work produced by CIGI's staff and many experts in Canada and around the world.

Over the coming year, we will continue to produce timely and relevant work, from launching the final report and recommendations of the WRC, to tackling issues around cyber security in a new essay series. Exploring issues around IP, data governance and AI will remain a major focus, including innovative uses of AI for our own research analysis.