



Celebration of Excellence & Engagement

#COEE2020

NOV 23-29

Presented by the University of Toronto

In partnership with the University of Toronto, www.utoronto.ca, the 2020 COEE will be a week-long scholarly, scientific and artistic exploration with enhanced digital engagement. Over seven days, from November 23 to November 29, over 1,000 delegates will engage in 50+ sessions featuring the insights of hundreds of scholars, artists and scientists on the key issues of our time. There will be two international symposia: the G7 Research Summit on the Future of Digital Health; and a virtual symposium organized by the University of Toronto celebrating the 100th anniversary of the discovery of insulin, exploring the legacy of this discovery, and examining its intersections with COVID-19 research.

Nearly all activities will be live, and then made available for download. Some activities will be open discussions, others will be presentations of the latest research findings followed by Q&A. However, most important is that all activities provide opportunities for engagement, learning, and the exchange of insights and experience. All are welcome, all are invited to contribute.

www.RSC-SRC.ca



Fonds de recherche – Nature et technologies
Fonds de recherche – Santé
Fonds de recherche – Société et culture



LEADERS CIRCLE



Leading scholars, artists and scientists will provide updates and next steps resulting from the RSC's organizational response to COVID-19 on topics such as homelessness, vaccine development, long-term care, mental health, Indigenous health and well-being, and civil liberties. This response has already resulted in 50 publications – from op-eds to Policy Briefings – resulting from the engagement of 210 experts.

The first day of the COEE will also provide an early opportunity for RSC members to connect with familiar and new colleagues and friends.

RSC 101: The Example of the Task Force on COVID-19

10:00 am - 11:00 am Since April, the RSC Task Force on COVID-19 has pursued the core mission of the RSC to work across disciplines and across generations toward building a better future.

COVID-19 and The Future of Long-Term Care

11:15 am - 12:15 pm In July, the RSC published a Policy Briefing called Restoring Trust: COVID-19 and the Future of Long-Term Care. What has been the impact of the report, and what are next steps?

COVID-19, Children and Schools

The RSC Working Group on Children and Schools is developing a Policy Briefing on how to approach the engagement of children in schools during the pandemic.

COVID-19 and Civil Liberties

12:30 pm - 1:30 pm Around the world, COVID-19 mitigation strategies have impacted civil liberties. How have these been manifest, and what lessons are we learning?

COVID-19 and Artists

In the fall of 2020, the RSC will publish a collection of work by Canadian artists whose work explores the impact of COVID-19 and interrogates the role of individuals and communities in responding to the pandemic.

COVID-19 and Mental Health

1:45 pm - 2:45 pm In October, the RSC published a Policy Briefing on Mental Health. What are the key next steps outlined in the report?

COVID-19 and Homelessness

In November, the RSC will publish a Policy Briefing on the impact of COVID-19 on homeless people. What are the report's key findings and recommendations for next steps?

Indigenous Responses to COVID-19

3:00 pm - 4:00 pm What are the impacts of COVID-19 for Indigenous health and well-being across the diverse geographies of First Nation, Métis and Inuit communities in the Canadian context? Drawing from a story based methodology, this session will examine the structural inequities that shape Indigenous vulnerability to COVID-19, but also of the resiliency and creative coping demonstrated across Indigenous communities and nations.

History in the Time of COVID-19

How can historical perspectives on past disease outbreaks help to contextualize public health decision making today? This panel brings together historians whose work examines Canadian, French, and South Asian experiences spanning the 20th century to discuss the scope/limits of historical knowledge, and how history might support social justice-based forms of prevention for the future.

Impact of COVID-19 in Racialized Communities

4:15 pm - 5:15 pm In November, the RSC published a collection of essays on the impact of COVID-19 in racialized communities. What do the authors recommend as urgent actions?

COVID-19 and Economic Recovery

5:30 pm - 6:30 pm In November, the RSC will publish a Policy Briefing on Economic Recovery from the pandemic. What was the approach of the working group that drafted the report? What were the report's key findings and recommendations for next steps?

COVID-19 and Representations of Science

In October, the RSC published a Policy Briefing on Representations of Science. What have the authors identified as key areas of focus for governments, and for individuals?

RSC Member Meetings

Meetings of the Divisions of the Academy of Science | Fellows

7:00 pm -
8:30 pm
The annual Division meeting is a forum for members to engage with one another, to exchange insights on advancing inclusive excellence, and to volunteer their service on membership committees.

Meeting of the College | College members

Coping with COVID research talks and group discussion about how the pandemic has affected the academy.

Tuesday | November 24, 2020

The lens will broaden from initiatives launched in response to the pandemic to key themes of the RSC's 2018-2022 Strategic Plan. Panel discussions on Tuesday will address the latest thinking and action to advance inclusive excellence; sustainability; science engagement around the world; the Future of Higher Education in Canada; and many more.

10:00 am - Science Engagement Around the World

11:15 am What are leading practices domestically and internationally in engaging children and the public in science?

Missing and Murdered Indigenous Women and Girls: Next Steps

The MMIWG process and the report are integral steps in a journey that now requires renewed and accelerated efforts from policymakers, from institutions, and from individuals.

11:30 am - 12:30 pm End of Life Decision Making

Workshop on RSC Nomination Dossiers

12:00 pm -
1:00 pm
The session provides guidance to Fellows, Members of the College, and institutions who are considering nominating individuals for membership and RSC medals and awards.
This year, Members who have served on selection committees in the past will gather to discuss strategies and tactics toward optimizing nominations.

1:00 pm - 2:00 pm The Past, Present and Future of Higher Education in Canada

The past, current, and incoming Chairs of Universities Canada will discuss key challenges and opportunities facing universities as they shape their future.

2:15 pm - 3:15 pm RSC Members Spotlight

From across disciplines and across generations, the Members Spotlight provides a forum where RSC Members share insights into the most urgent challenges facing Canada and the world.

Romanowski Lecture

3:30 pm -
4:30 pm
This lecture provides a forum to explore some of the most urgent challenges facing the environment, and the research that is contributing to addressing these challenges

Sustainable Oceans <-> Sustainable Diets

Sustainable diets offer an opportunity to support marine biodiversity on terms that not only promote health but are also economically viable, culturally sensitive, and responsive to diverse urban and rural needs and aspirations as well as regional differences in Canada. The RSC and RSC Atlantic have been working on a broadly interdisciplinary initiative on Sustainable Diets to Sustainable Oceans, and this session will feature experts from this initiative.

Who are you? (Re) Defining Individuals and Collectives

4:45 pm -
5:45 pm
The recent popularity of Ancestry.ca and similar genetic background search organizations along with growing interest in one's 'roots'/families of origin raises questions about the centrality of genes to personal and collective identities and the complex intertwining of social, biological and cultural dimensions of human identities and categories. This session explores these issues past and present, highlighting what might emerge in coming years.

<p>Inclusive Excellence Around the World</p> <p>6:00 pm - 7:00 pm</p> <p>This panel provides an overview of the idea of inclusive excellence, its origins and deployment in the post-secondary sector and related agencies, and the policies and strategies that are currently being deployed to advance the goals of equity, diversity and inclusion.</p>	<p>Infoveillance: Data, Privacy, Equality and Surveillance</p> <p>The RSC Committee on Public Engagement has established a working group to consider the implications of surveillance, data, privacy and equality. What are the areas of priority concern and next steps?</p>
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RSC Members Meetings

<p>Meetings of the Academies</p> <p>7:30 pm - 8:30 pm</p> <p>The annual Academy meeting is a forum for members to receive a report from the Academy leadership on the year's process toward electing new Fellows; and to strategize next steps in advancing inclusive excellence and next steps in the RSC Strategic Plan.</p>	<p>Meeting of the College College members "Reconciliation": a moderated discussion.</p>
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Wednesday | November 25, 2020

In partnership with the scholarly, cultural, research and diplomatic communities of the G7, the RSC will present The G7 Academy Research Summit on The Future of Digital Health. The international programme will examine the implications of the G7 Science Academies' Statement on Centrality of Digital Health Collaboration to Health Progress that embraces the many disciplines, generations, and geographies required to address this urgent global issue.

G- Science Breakfast: Basic Research

<p>7:00 am - 8:30 am</p>	<p>The 2020 declarations of the G7 Science Academies included a statement on the importance of supporting basic research. How has support for basic research evolved in recent years across countries, and what are the likely impacts of recent global events on these changes?</p>
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G7 Research Summit | The Future of Digital Health

<p>9:00 am - 4:30 pm</p>	<ul style="list-style-type: none"> · Ethics, Privacy and Public Engagement · Promise and Pitfalls in Data Science and Artificial Intelligence · Data Governance, Scope Reliability and Access · Winning conditions for Scaling Digital Health Innovation
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G7: Insect Biodiversity Declines

<p>5:00 pm - 6:00 pm</p>	<p>The 2020 declarations of the G7 Science Academies included a statement on the importance of action in the face of global insect declines. What are the most promising next steps domestically and internationally?</p>
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S20 2020: Academies of Science of the G20

<p>6:15 pm - 7:15 pm</p>	<p>This year's focus for the Science Academies of the G20 was on the Future of Health, the Circular Economy, the Digital Revolution, and "Connecting the Dots". What are the next steps for scholars and policymakers outlined in the S20 communiqués?</p>
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Thursday | November 26, 2020

The University of Toronto will present a symposium celebrating the 100th anniversary of the discovery of insulin, exploring the legacy of this discovery, and examining its intersections with COVID-19 research.

The Legacy of Insulin Discovery: Origins, Access, and Translation

A Symposium organized by the University of Toronto

- 1:00 pm - 6:00 pm
- Patient Perspectives
 - Public Health Challenges Related to Insulin
 - Commercialized and Future Scientific Research into Insulin and Diabetes Prevention

Friday | November 27, 2020

Thanks to the selection work of over 150 volunteer RSC members each year, an annual roster of truly remarkable individuals will be invited to accept membership in the RSC. On Day 5 of the 2020 COEE, the RSC will welcome 87 new RSC Fellows, 50 Members of the RSC College, and also present 16 awards for outstanding achievement. The ceremonies will be uniquely adapted this year to ensure all new members will participate – whether from home or on campus. The result will be a stunning landscape of talent, imagination, discipline and discovery.

Medal & Awards Ceremony

- 12:00 pm - 1:30 pm
- RSC presents a series of awards and medals to honour individuals selected for their exceptional contributions

Presentation of New Members of the College

- 2:00 pm - 4:00 pm
- This ceremony welcomes new Members of the College in a format that showcases the interdisciplinary character of the College

Induction of New Fellows

- 4:30 pm - 7:00 pm
- Election to the Royal Society of Canada is the highest honour a scholar, scientist or artist can achieve in Canada as it recognizes the outstanding contributions to Canadian intellectual life and to knowledge. The RSC is delighted to recognise this year's exceptional cohort of 87 Fellows who have significantly impacted their respective disciplines at both national and international levels.

Saturday | November 28, 2020

We invite you to get to know the Class of 2020. Each new member is invited to tell non-specialists about their work and why it is so important. The most common format on Saturday will be a lightning talk of six minutes. The schedule of presentations will stretch throughout the day.

RSC Café: New Member Lightning Talks | Part 1

- 10:00 am - 2:00 pm
- From start to finish, 'Lightning Talks' are no more than six minutes, and the slides rotate automatically. Button your seatbelt for highspeed scholarship! Presentations will include new Fellows from all Academies and new Members of the RSC College.

RSC Annual Business Meeting

- 3:00 pm - 4:00 pm
- At the Annual General Meeting (AGM), the membership formally reviews the RSC's finances, considers proposed changes to bylaws, and elects the RSC Board of Directors.

RSC Café: New Member Lightning Talks | Part 2

- 5:00 pm - 7:00 pm
- From start to finish, 'Lightning Talks' are no more than six minutes, and the slides rotate automatically. Button your seatbelt for highspeed scholarship! Presentations will include new Fellows from all Academies and new Members of the RSC College.

Sunday | November 29, 2020

The 2020 COEE culminates with a series of open discussions about an area of urgency for the Canadian scholarly and scientific community: open science and open access publishing.

Open Science: Next Steps

In February 2020, the Office of the Chief Science Advisor released the Roadmap For Open Science (https://www.ic.gc.ca/eic/site/063.nsf/eng/h_97992.html), providing recommendations for research funded by federal departments and agencies. The intent of open science is to make research outputs and data freely accessible with minimal restrictions. While the initial focus of the roadmap is on research carried out within federal departments and agencies (intramural R&D), it highlights the need for national approach for federally funded extramural research. This session will provide an opportunity to discuss and provide feedback to the CSA, from the perspective of Canada's scholarly community, on the opportunities and challenges of implementing a Canadian open science policy.

1:00 pm - Open Access Publishing in Canada: Next Steps

2:30 pm What are next steps toward a “Made-in-Canada” approach to open access?

Meeting of the College | College members

3:00 pm - Meetings of the RSC College provides members to receive reports from the College leadership on the year's process toward electing new Members; and to strategize next steps in advancing inclusive excellence and 5:00 pm next steps in the RSC Strategic Plan.