

2nd Canadian Open Science Conference



October 27-29, 2026 | Ottawa, ON, Canada

Handbook



Chair's message

Dear colleagues,

Welcome to Ottawa! Over the next three days, we will bring together people from across Canada and internationally to consider how Canada can continue to advance open science.

A particular focus of this year's conference is metaresearch: using research to understand and improve how research itself is designed, conducted, communicated, evaluated, and supported. Canada has a growing community working in this area, and this conference is an opportunity to connect these experts and help foster dialogue.

Our team is so excited about the conference program! It brings together researchers and trainees, patients and community partners, Indigenous perspectives, librarians, research administrators, funders, policymakers, publishers, infrastructure providers, and others who shape how research is done and used. It is exactly this diversity of perspective that is critical to creating the behaviour change required to move the ecosystem towards greater transparency.

We want this conference to move beyond showcasing open science activities in Canada. Through talks, panels, workshops, posters, and facilitated discussions, including Day 2 working groups focused on what Canada needs to do, or stop doing, to foster metaresearch, we aim to identify shared priorities and begin developing a collective action plan for Canada's metaresearch ecosystem.

Thank you to everyone who has made this conference possible, and to all of you for being part of the conversation. We hope these three days generate new ideas, connections, and momentum for advancing open science and metaresearch across Canada and beyond.



Kelly Cobey

kcobey@ottawaheart.ca

Scientist, University of Ottawa Heart Institute
Associate Professor, University of Ottawa

On behalf of the Organizing Committee
2nd Canadian Open Science Conference

Venue and Getting Here

The conference will take place in the **Learning Crossroads building (CRX)** at the University of Ottawa.

Address:

**100 Louis-Pasteur Private
Ottawa, Ontario, K1N 6N5**

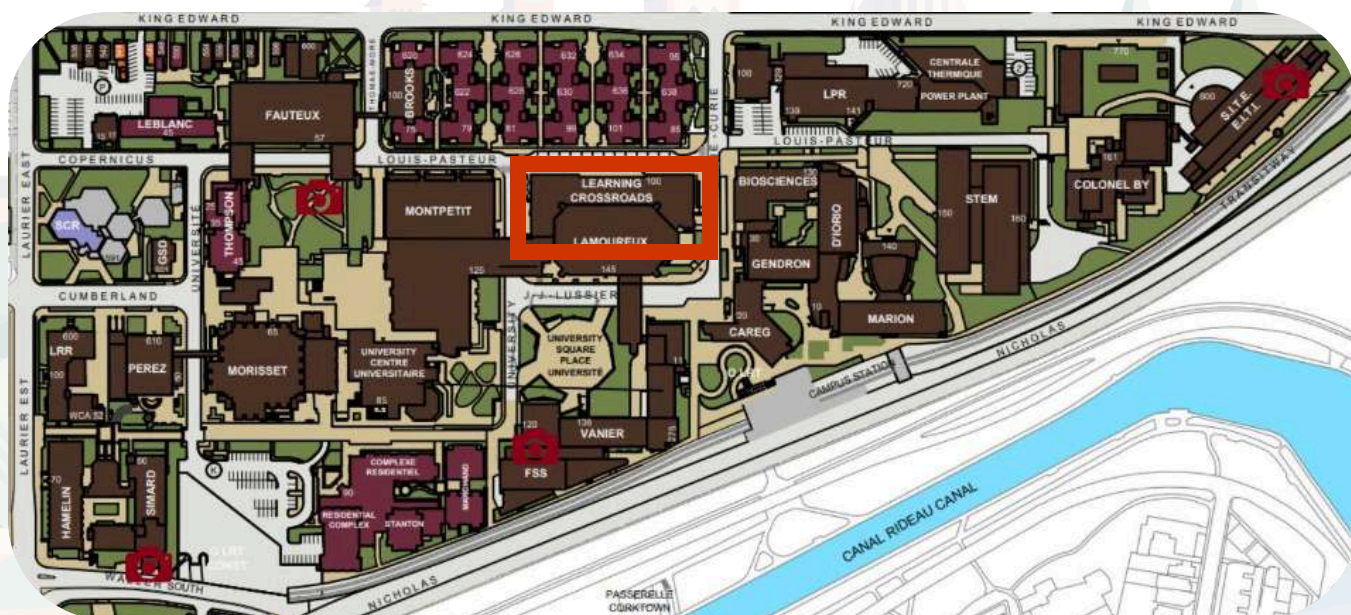
From the airport

Public transit, taxis, and rideshare services are available.

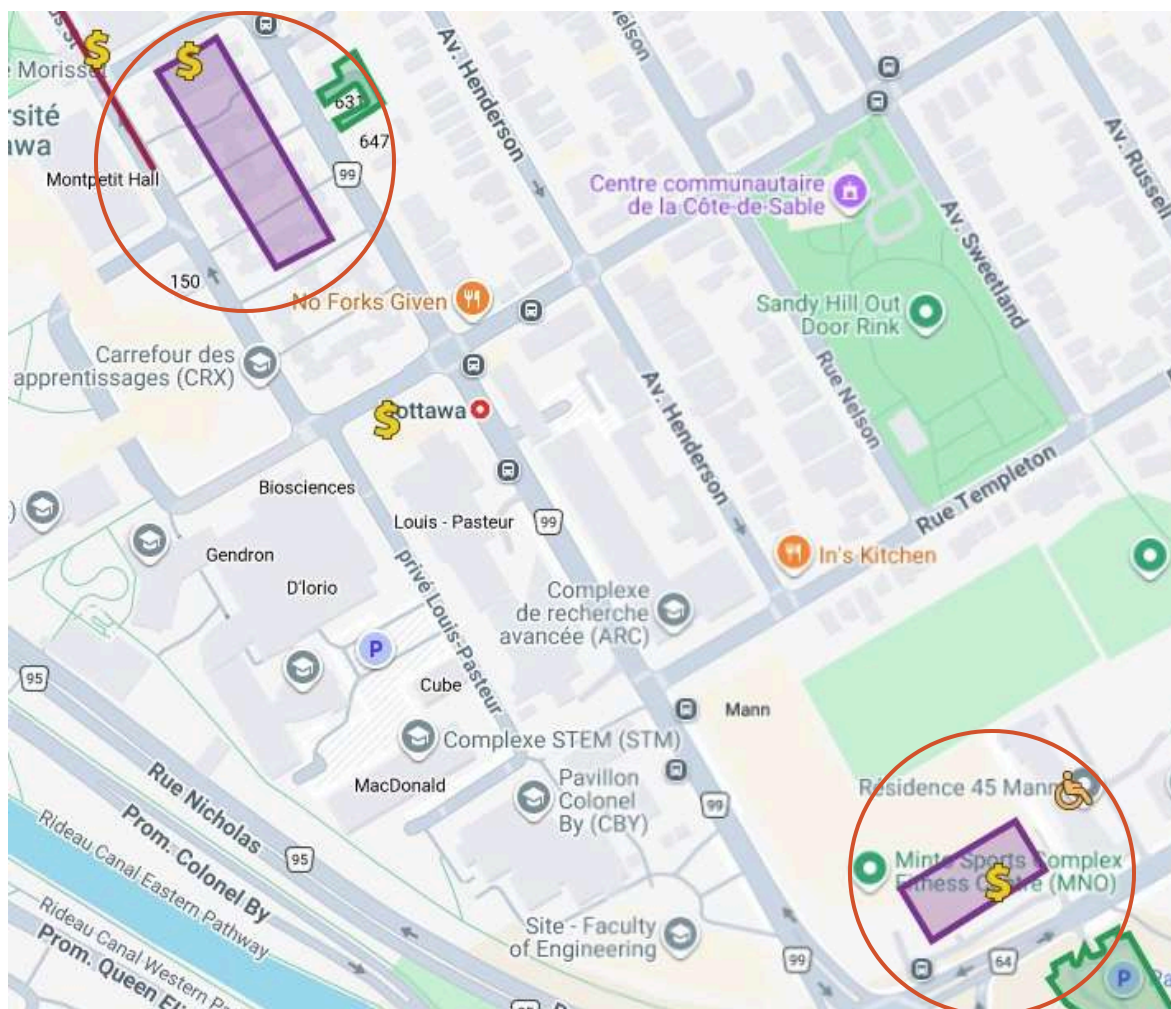
By transit, take the O-Train to **uOttawa Station**, followed by a short walk to CRX.

From the train station

From Ottawa VIA Rail Station, take O-Train Line 1 to **uOttawa Station**.



Parking



Paid visitor parking is available at:

- **Brooks Garage** : \$5.50/hour
Maximum of \$17.50 during the week.
- **Mann Garage** : \$5.50/hour
Maximum of \$17.50 during the week.

Conference Logistics

Signing In

When you arrive, please visit the **Registration Desk in the CRX lobby** to sign in and collect your conference badge. Your badge package will include your **lunch vouchers, reception drink tickets, and specify your breakout group number for day 2 of the conference**. Please wear your badge throughout the conference.

Getting Around CRX

CRX is an accessible building. Signage will be posted throughout the building, and **volunteers will be available to help with directions** to the various sessions.

Conference Spaces

The conference will use several spaces for plenary sessions, panels, breakout discussions, poster sessions, and networking activities. **The two main conference rooms are CRX 140 and CRX 240**. Please check the agenda for the room assigned to each session and allow a few minutes to move between spaces.

Dining Hall

Lunch will be served in **the University of Ottawa Dining Hall**, located less than a **5-minute walk from CRX**. You can reach it either indoors or by walking outside. Volunteers wearing red T-shirts and signage will be available to help guide you.

Access to the **Dining Hall** will be provided using **meal vouchers placed inside each attendee's badge at conference registration**.

The Dining Hall is an **all-you-can-eat buffet** with several food stations offering a variety of options (Halal and Vegan options available). **Please walk around and explore the different stations rather than waiting in line at the first one you see**. After eating, participants are asked to clear their tables and return dishes to the designated area.



Poster presentations

Poster sessions will take place in the **CRX lobby** and will provide an opportunity to explore current work, meet presenters, and continue discussions in an informal setting.

Poster Sessions

There will be two poster sessions, held during the conference receptions on day 1 and 2. Poster judging will occur and is being led by Dr. Nico Alesandroni and Dr. Krista-Byers-Heinlein.



Tuesday, October 27 | 5:30–7:30 p.m.

Welcome Reception and Poster Session

Wednesday, October 28 | 5:00–7:00 p.m. 🇨🇦

Poster Session and Reception

Information for Presenters

Posters may be prepared in English or French and must not exceed 36 × 48 inches (90 × 120 cm, approximately A0). Both portrait and landscape formats are accepted.

Poster presenters are asked to hang their posters on the first morning of the conference and leave them displayed until the end of the conference so attendees can view them throughout the event.

Poster numbers will be communicated to presenters before the conference. Materials for mounting posters will be available on-site.

Poster Awards

Poster Presentation Awards will recognize outstanding work. Following a pre-screening, judges will approach selected presenters to briefly discuss their work.

Prizes will be awarded on the final day in the closing remarks for:

- 1. Top Trainee Poster**
- 2. Top Organization/Initiative Poster**
- 3. Top Metaresearch Study Poster**



AGENDA at a glance

2nd Canadian Open Science Conference

27
Oct

8:30–9:00	Badge pick-up, coffee/tea & snacks
9:00–9:30	Indigenous Blessing & Opening Remarks
9:30–10:15	Plenary: Why Canada Needs Open Science for Innovation
10:15–10:45	Short Talk: Open Science and Sovereignty
10:45–11:10	Coffee Break
11:10–12:10	Parallel Panels: Health Research & Data Sharing Driving Adoption of Open Access in Canada
12:10–12:40	Parallel Short & Rapid Talks
12:40–1:40	Lunch
1:40–2:00	Parallel Short Talks
2:00–3:00	Parallel Panels: Responsible Research Assessment Research Reproducibility
3:00–3:30	Parallel Rapid Talks
3:30–3:50	Coffee Break
3:50–4:45	Closing Panel: Shaping a More Equitable, Multilingual & Globally Responsible Open Science Ecosystem
4:45–5:25	ECR Plenary Talk
5:25–5:30	Closing Remarks
5:30–7:30	Reception & Poster Session

28
Oct

8:30–9:00	Badge pick-up, coffee/tea & snacks
9:00–9:10	Opening Remarks
9:10–9:20	Vision for Today's Metascience Discussion
9:20–10:10	Plenary Talk
10:10–11:00	Panel: The Canadian Metaresearch Ecosystem
11:00–11:20	Coffee Break
11:20–12:40	Parallel Sessions: ECR Perspectives Open Access & Inter/Transdisciplinary Research
12:40–1:40	Lunch
1:40–2:10	Plenary: Mapping Metaresearch in Canada
2:10–3:40	Facilitated Workshop: Generating an Action Plan for Metaresearch in Canada
3:40–4:00	Coffee Break
4:00–4:40	Closing Plenary
4:40–4:50	Metascience 2027 Montreal & Open Science Conference
4:50–5:00	Closing Remarks
5:00–7:00	Reception & Poster Session

29
Oct

8:30–9:00	Badge pick-up, coffee/tea & snacks
9:00–9:05	Opening Remarks
9:05–9:30	Summary of Metascience Facilitated Discussion
9:30–10:10	Canada's Health Data Space
10:10–10:45	Talk Series on Diamond Open Access
10:45–11:05	Coffee Break
11:05–12:00	Panel: Canada on the Global Open Science Stage
12:00–12:40	Parallel Rapid Talks
12:40–1:30	Lunch
1:30–2:00	Parallel Talks
2:00–3:00	Parallel Rapid Talks & Discussions: Monitoring/Compliance Security/Ethics
3:00–3:15	Closing Remarks & Poster Prizes



AGENDA

2nd Canadian Open Science Conference

October
27th

8:30 - 9:00 CRX Main Hall
Badge pick-up & Coffee/Tea and snacks

9:00 - 9:30 CRX 140
Indigenous blessing & Opening remarks (Kris Noakes and Kelly Cobey)

9:30 - 10:15 CRX 140
Plenary talk: Why Canada needs open science for innovation
Guy Rouleau (MNI)

10:15 - 10:45 CRX 140
Short talk: Open Science and Sovereignty
Richard Gold (Conscience)

10:45 - 11:10 CRX Main Hall
Coffee break

11:10 - 12:10 CRX 140

Panel 1: Health research, data management, sharing, and innovation: The Canadian context

Moderator: Jodi Edwards (uOttawa)
Ian Paterson (UOHI)
Taban Behin (FNHA)
Michael Schull (DRAC)
Osmo Ramakko (patient partner UOHI)
Alison Bourgon (CIHR)

11:10 - 12:10 CRX 240

Panel 2: Driving adoption of Open Access in Canada

Moderator: Leigh-Ann Butler (uOttawa)
Kory St. Cyr (NSERC)
Mylène Deschênes (FRQ)
Monica Granados (Creative Commons)
Jess Herdman (FHHS)
Tanja Niemann (Érudit / Coalition Publica)

12:10 - 12:30 CRX 140

Short talk
Implementing the Tri-Agency Data Retention, Deposit and Availability Requirement
Dominique Roche (SSHRC)

12:10 - 12:40 CRX 240
Rapid talk

Transformative agreements
DeDe Dawson (uSask)
Monica Ward (uOttawa)
Leigh-Ann Butler (uOttawa)

12:40 - 1:40 Dining Hall

Lunch



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27th

1:40 - 2:00 CRX 140

Short talk: Enabling open science through responsible research assessment

Joséphine Uwineza (NSERC)

1:40 - 2:00 CRX 240

Short talk: Are we ready for a data-driven era? Building the foundations for reliable and reusable research data

Anna Catharina Vieira Armond (UOHI)

2:00 - 3:00 CRX 140

Panel 3: Responsible research assessment

Moderator: Alexandra D'Arcy (UVic)

Carole Jabet (Fonds de recherche du Québec)

Helga Hallgrímsdóttir (UVic)

Benedikt Hallgrímsson (ACHRI)

2:00 - 3:00 CRX 240

Panel 4: Research reproducibility

Moderator: David Moher (uOttawa)

Sara Hart (UWaterloo)

Shinichi Nakagawa (UAlberta)

Abel Brodeur (uOttawa)

Aileen Maclellan (OHRI)

3:00 - 3:30 CRX 140

Rapid talks

Rapid talk: Data- visiting- a solution for the sharing shy?: A presentation of the RAISE Science project

Maria Pawlowska (Visnea Inc.)

Rapid Talk: Opening up the hidden curriculum: Creating culture change

Alison Moore (SFU)

Julie Jones (SFU)

Jennifer Zerkee (SFU)

3:00 - 3:30 CRX 240

Rapid talks

Atomization of scientific findings for a modular, interoperable and reusable ecosystem

Rodrigo Migueles Ramirez (Réseau Circé - Université de Montréal)

Designing a new publishing model as a practical mechanism to support open science and assessment reform

Iain Hrynaszkiewicz (PLOS)

3:30 - 3:50 CRX Main Hall

Coffee break

3:50 - 4:45 CRX 140

Closing Plenary Panel: How to shape a more equitable, multilingual, community-accountable, and globally responsible open science ecosystem

Moderator: Leslie Chan (UofT)

Matthew Wallace (IDRC)

Shawn McGuirk (NSERC)

Katie Corker (ASAPBio)

Emily Ford (ORFG)

4:45 - 5:25 CRX 140

ECR Plenary talk: An early-career perspective on making research more transparent, reliable, and reusable

Marija Purgar Filjak (Alberta/SORTEE)

5:25-5:30 CRX 140

Closing Remarks

Kelly Cobey

5:30-7:30 CRX Main Hall

Reception and conference poster session



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28th

8:30 - 9:00 CRX Main Hall
Badge pick-up & Coffee/Tea and snacks

9:00 - 9:10 CRX 140
Opening Remarks: Kelly Cobey and Minister Evan Solomon

9:10 - 9:20 CRX 140
Vision for today's metascience-focused discussion
Molly Frost (uOttawa) & Katerina Vasilas (uOttawa)

9:20 - 10:10 CRX 140
Opening Plenary talk : Who will improve the research system?
Building capacity for evidence-informed change
Tracy Weisgerber (Coimbra)

10:10 - 11:00 CRX 140
Panel: The Canadian Metaresearch Ecosystem
Moderator: Annabel Seyller (The Neuro)
Amy Buckland (Concordia)
Matthew Lucas (SSHRC)
Vincent Larivière (Université de Montréal)
Ellie Griffith (Health Research BC)

11:00 - 11:20 CRX Main Hall

Coffee break

11:20 - 12:30 CRX 140

Rapid talks and moderated discussion
From Evidence to Practice: Early-Career Perspectives on Open Science and Metaresearch
Moderator: Chantal Ripp (uOttawa)

Baked in, not bolted on: Institutional responsibility for open science training
Jessie Mayes (University of British Columbia)

Building What We Couldn't Find: Computational Research Services and Infrastructure for SSH
Jérémie Dion (UQuébec)

Data, Communities, and Open Science: Initiatives at the St. Lawrence Global Observatory
Juliette Ganne (Observatoire Global du Saint-Laurent)

11:20 - 12:40 CRX 240

Panel 1: Facilitating Inter/Transdisciplinary Research: A Meta-Research Agenda

Moderator: Benoît Hogedez (UQAM)
François Claveau (Université de Sherbrooke)
Marie-Luc Arpin (Université de Sherbrooke)
Agustín Mauro (Université de Sherbrooke/CIRST)
Michael O'Rourke (Michigan State University/Toolbox Dialogue Initiative)
Chad Gonnerman (University of Southern Indiana/Toolbox Dialogue Initiative)

Rapid talk
Re-imagining systematic reviews with and from community
Natalie Kivell (Wilfrid Laurier University)

12:30 - 1:40 Dining Hall

Lunch



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October
28th

1:40 - 2:10 CRX 140

Plenary: Data challenge winner: Mapping Metaresearch in Canada
Eduardo Santos (uAlberta)

Facilitated Workshop : Generating an Action Plan for Metaresearch in Canada

Group 1
2:10 - 3:40 CRX 140

Facilitated by :
Anna Catharina Armond (UOHI)
Nicolás Alessandrini
(uConcordia)

Group 2
2:10 - 3:40 CRX 307

Facilitated by :
Kevin Read (uSask)
Laura Peach (WLU)

Group 3
2:10 - 3:40 CRX 309

Facilitated by :
Alyssa Arbuckle (CRKN)
Chantal Ripp (uOttawa)

Group 4
2:10 - 3:40 CRX 230

Facilitated by :
Aileen MacLellan (OHRI)
Dominique Roche
(SSHRC)

Participants will be divided into four breakout rooms, with facilitators leading the discussion in each room. Each attendee will be assigned a breakout group, and your group number will be indicated on your conference badge.

The goal of the breakout session is to gather input on what Canada needs to do to build a strong, coordinated national metaresearch action plan.

3:40 - 4:00 CRX Main Hall
Coffee break

4:00 - 4:40 CRX 140
**Closing Plenary: Open Science as Research-System Reform:
Evidence from Wartime Ukraine**
Oleksandr Berezko
(Ukrainian Reproducibility Network, Lviv Polytechnic National University)

4:40 - 4:50 CRX 140
Metascience 2027 in Montreal: Annabel Seyller (TOSI)

4:50 - 5:00 CRX 140
Closing remarks
Martine Lagacé (uOttawa)
Kelly Cobey (UOHI)

5:00 - 7:00 CRX Main Hall
Posters and Reception



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8:30 - 9:00 CRX Main Hall
Badge pick-up & Coffee/Tea and snacks

9:00 - 9:05 CRX 140
Opening remarks
Kelly Cobey (UOHI)

9:05 - 9:30 CRX 140
Summary of metascience facilitated discussion
Clare Ardern (UBC)

9:30 - 10:10 CRX 140
Canada's Health Data Space
Paul Hebert (CIHR)
Anderson Chuck (CIHI)

10:10 - 10:45 CRX 140
Talk series on Diamond OA
Lisa Matthias ECR, Humboldt (Universität zu Berlin)
Jessica Dallaire-Clark (Érudit) and Jeanette Hatherill (Coalition Publica)
Lucía Céspedes (Érudit, Université de Montréal)

10:45-11:05 CRX Main Hall
Coffee break

11:05 - 12:00 CRX 140
Panel: Canada on the global open science stage
Moderator: Mona Nemer (Chief Scientist of Canada)
Bettina Cenerelli (P.E. Trudeau Foundation)
Stuart Lane (Swiss National Science Foundation)
York Sure-Vetter (National Research Data Infrastructure - NFDI, Germany)
Jérôme Dupras (Chief Scientist of Quebec)

12:00-12:30 CRX 140
Rapid talks

Building Research Data Management Supports in an Academic Library
Stephanie Quail (York University)

Mapping a Community-led Canadian Neuroimaging Data Sharing Network
Gabriel Pelletier (McGill University)

12:00-12:40 CRX 240
Rapid talks

How Can Funders Drive Open Science Practices?
Robert Thibault (Coalition for Aligning Science)

"Work in progress" report of a tailored open scholarship mapping strategy at SFU
Gracielle Higino (SFU)

12:30 - 1:30 Dining Hall

Lunch



AGENDA

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1:30 - 2:00 CRX 140

Building Awareness of Paper Mills: An Open Educational Approach

Kaitlin Fuller (St. Francis Xavier University)
Alison Manley (Saint Mary's University)
Catherine Gracey (University of New Brunswick)

1:30 - 2:00 CRX 240

On the Prevalence of Personally Identifiable Information in Replication Packages

David Valenta (uOttawa)

2:00 - 3:00 CRX 140

Rapid talks and discussion OS monitoring/compliance theme:

Simplified FAIR monitoring at scale using large language models

Tim Vines (DataSeer)

Tracking Changes in Open Science on the Open Scholarship Policy Observatory

Alan Colin-Arce (UVic)

Open, inclusive databases reveal the global research ecosystem

Simon Van Bellen (Érudit)

2:00 - 3:00 CRX 240

Rapid talks and discussion Security/ethics Governing Dual Use in the Era of Open Science

Carolina Lucchesi Lavoie (UMontréal)

Open Science Infrastructures and Gender Inequity in Science

Sarah Cameron-Pesant (UMontréal)

When Research Security Becomes Exclusion: Iranian Academics

Encieh Erfani (Perimeter Institute for Theoretical Physics)

3:00 - 3:15 CRX 140

Poster Prizes and Closing Remarks

Krista Byers-Heinlein (Concordia)
Kelly Cobey (UOHI)



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We are grateful to the teams who volunteered their time to make this conference a reality. The conference has benefited from the generosity of so many colleagues, which we are very grateful for. An original team of grant applicants listed below received funding through a SSHRC Connection Grant to support this event.

- **Nicolás Alessandroni**
- **Juan Alperin**
- **Anna Armond**
- **Abel Brodeur**
- **Amy Buckland**
- **Krista Byers-Heinlein**
- **Kelly Cobey**
- **Alexandra D'Arcy**
- **Diane Dawson**
- **Kathryn Graham**
- **Helga Hallgrimsdottir**
- **Natalie Harrower**
- **Stefanie Haustein**
- **Vincent Larivière**
- **Sandra Lapointe**
- **David Moher**
- **Shinichi Nakagawa**
- **Gabriel Pelletier**
- **Jason Pither**
- **Annabel Seyller**
- **Brianne Selman**



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(uConcordia)**



**Blaine Wolfe
(Independent Researcher)**



**Annabel Seyller
(McGill University)**



**Leslie Chan
(uToronto)**



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(Concordia)**



**Nicolás Alessandrini
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**Jarno Van der Kolk
(uOttawa)**



Molly Victoria Frost (uOttawa)



For any questions or additional information, please contact Khaoula Ouajih at Kouaj012@uottawa.ca

Sponsors and acknowledgements

Thank You to Our Sponsors

The 2nd Canadian Open Science Conference is made possible through the generous support of our sponsors and partners.

GOLD LEVEL



SILVER LEVEL

