

# EA1107

## Ontario Ecology, Ethology, and Evolution Colloquium

### Applicant/Organiser information

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**Organiser group:** OE3C 2024 Organizing Committee

**Lead organiser:** Karen Vanderwolf

**Institutional email** k4vander@uwaterloo.ca  
**address - \* see tool tip:**

**Institution name:** University of Waterloo

**Address line 1:** 200 University Ave W

**Address line 2:**

**City:** Waterloo

**State / county:** Ontario

**Zip / Postcode:** N2L 3G1

**Country:** Canada

**Co-organisers:** Lucas Greville, Michela Contursi, Ryan Leys, Lily Hou, Beatriz Nogueira e Figueria, Sepidar Golestaneh, Mathumy Sivatheesan, Harry Kumbhani

- If the Applicant is an individual(s) the Grant shall be paid direct to a designated bank account established to receive the Grant for the purposes of the Meeting and the Grant will be paid in full on receipt by the Charity of a signed copy of the Grant Agreement (see details below) .
- If the Applicant is an organisation the Grant will be paid to the organisation (subject to agreement by the Charity) as directed by the Applicant organisation to a bank account connected to the organisers of the Meeting – in full on receipt by the Charity of a signed copy of the Grant Agreement (see details below);.

**Name of the contracting party for the purposes of the Grant Agreement:** University of Waterloo

**Contracting party address line 1:** 200 University Ave W

**Contracting party address line 2:**

**Contracting party city:** Waterloo

**Contracting party state / county:** Ontario

**Zip / post code:** N2L 3G1

**Country:** Canada

**Is the contracting party a limited company or registered charity?:** No

## Details of event management companies, conference organisers and other grant giving institutions

- If the event management fee is 10% or more of the event's total budget, please list duties they will perform in the box below.

Applications from professional fundraisers and conference agencies are generally not considered.

Conference organizers are all graduate students or postdoctoral fellows

## Event details

**Title of Event:** Ontario Ecology, Ethology, and Evolution Colloquium

**Have The Company of Biologists supported this event before?:** Yes

**Please specify year**

2023

## Other Relevant Details

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The Ontario Ecology, Ethology, and Evolution Colloquium (OE3C) is an annual, provincial conference organized by students for students. Most students do not have funding to attend conferences, and the Scientific Meeting Grants (from the Company of Biologists) would sponsor (as many as possible) travel awards/bursaries and registration fee reduction to students from equity-deserving groups. Our event takes place May 2-4, 2024, but any support we receive from the Company of Biologists will form part of the seed fund we pass on to the 2025 organizing committee at Carleton University.

**Classification of event:** Symposium

**Is your meeting virtual, In Person  
in person or hybrid?:**

## Why did you choose this type of event?

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OE3C was founded in 1974 and has been held every year since except for 1975. The event rotates hosts among universities in Ontario. The University of Waterloo has not hosted since 1984 and we are pleased to host the 50th OE3C. As part of our efforts, I spent time putting together a history of the colloquium, as we had no information about any previous years except 2023. Some of the details I've found are available on our event website under the history tab.

**If 'in person' does your No  
meeting have a virtual  
component:**

**If no virtual component,** The University of Waterloo is centrally located in southern Ontario close to multiple major universities. We have attempted to reduce costs as much as possible regarding registration and accommodation fees.  
**please explain why and what has been done to make the meeting more inclusive:**

**Date event commences:** 02/05/2025

**Date event concludes:** 04/05/2025

**Event Website:** <https://www.oe3c.ca/>

**City and location of event:** Waterloo, ON, University of Waterloo

**Country:** Canada

**Is this event branded?** Not Applicable

**Please note that applications covering both conferences and seminars will not be considered for funding. Please ensure these are submitted as separate applications.:**

**Is this event part of a larger conference?:** No

**Expected attendance at this event:** 200

**How many speakers have been invited?:** 6

**How many speakers will be presenting in person?:** 6

**Is this event open only to invited participants or also to external applicants?:** External

**Details on how you are addressing social and environmental responsibility, eg strategy to reduce gender inequality**

Include details of gender balance, career stage, geographic diversity

Our goal is to use these funds to sponsor travel awards/bursaries for attendees from equity-deserving communities. We will be using funds we obtained from the University of Waterloo student fund and the American Society of Naturalists to subsidize undergraduate student participation. I understand from previous organizers of OE3C that it hasn't always been easy to get female plenary speakers. This year, all our plenary speakers are female. Our event will only have plant-based food. Posters and waste will be recycled or composted as per university regulations.

**Will your attendees be provided with a code of conduct:** Yes

Attach topics / outline programme: [OE3C 2024 Conference Schedule.pdf](#)

(2 pages maximum)

Attach speakers / proposed speakers: [OE3C 2024 Speakers.pdf](#)

(2 pages maximum)

Scientific Meeting Grant Funding

Amount requested in GBP

£4,000

Please select budget template

Scientific meeting budget

Income	Budget	Confirmed	Notes
Registration fees	17,500	0	Registration opened 06 March 2024. This estimate comes from previous years attendance
Accommodation fees	0	0	We do not receive any money from accomodation. Attendees can choose where they stay during the conference (e.g. Hotel, Air BnB, Campus Residence, etc)
Exhibition	0	0	n/a
Advertising	0	0	n/a
Sponsorship	15,000	15,000	Sponsorship from local academic associations and provincial universities
Grants	1,300	1,300	Internal University Grant
Other income	7,000	7,000	seed fund from 2023 colloquium

Total Budget Income	40,800	23,300	
Expenditure	Budget	Confirmed	Notes
Marketing/advertising	0	0	
Event Management company fee	0	0	
Accommodation	0	0	
Travel/air fares	0	0	
Transportation/shuttle service	1,200	1,200	Local transit passes during conference
Speakers travel	1,200	1,200	Travel cost for 3 Provincial Keynote Speakers and 3 Sustainability Panelists
Speaker expenses	1,000	1,000	4 Nights hotel for 3 Keynote Speakers
Social event/excursion/entertainment	2,800	2,800	Welcome trivia dinner, and we are arranging a tour of RARE Charitable Research Reserve followed by an on campus tree-planting activity
Insurance	0	0	
Facilities/catering	17,000	17,000	To make the conference accesible to students we provide 3 dinners, 2 lunches, and 2 breakfasts to attendees as well as 2 coffe breaks daily. We are using local businesses when possible and university catering for the rest.
AV/Mics/Screens/Spotlights	0	0	
Poster boards	0	0	

Prizes	1,700	1,700	We provide multiple student awards at the undergraduate, MSc, and PhD levels
Filming/photography	0	0	
Printing/give-aways	100	100	
Meeting website/registration system	150	150	
Additional technical support (hybrid)	0	0	
App hire/development	0	0	
Childcare support	0	0	
Enabling participation grants	6,890	2,890	We have received \$2,500 CAD from a university student fund and The Naturalist Society. We are hoping to receive £4,000 from the Company of Biologists to further aid student attendees
Other expenses (please provide details in 'Notes' column)	1,500	1,500	honoraria
Total expenditure	33,540	29,540	
	<b>Budget</b>	<b>Confirmed</b>	<b>Notes</b>
<b>Surplus or Loss</b>	<b>7260</b>	<b>-6240</b>	surplus for seed fund for next year

**The budget indicates that your meeting may generate a surplus. Could you please provide an explanation as to what will become of any surplus generated on completion of the meeting.**

Every year the organizing committee tries to generate a surplus to pass on to next year's organizing committee (a seed fund). The colloquium is not backed by a professional organization and has no source of steady funding. Instead it relies solely on sponsorships that vary in availability year-to-year.

**Funding sought from other sources. If you have applied or intend to apply to other funding bodies, then please provide details including the amount requested.**

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As a result of our fundraising efforts, we received support from multiple organizations that are listed below. Amounts are in Canadian dollars.

\$500 CA, Canadian Herpetological Society

\$300 CA, Canadian Botanical Association

\$500 CA, Canadian Society of Zoologists

\$250 CA, Canadian Section of the Wildlife Society

\$1750 CA, other universities in Ontario

\$2500 CA, American Society of Naturalists

\$20,000 CA, University of Waterloo

**Details of sponsors approached (if applicable to budget submission)**

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We approached academic societies/associations that have interest in our audience. We have also approached other provincial universities and some private companies. We are waiting to hear back from some organizations.

**Details of how funding will be used**

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Please check the Applicant Handbook provided [here](#) for what will be funded

The funds will be entirely used to create travel awards/bursaries for registrants from equity-deserving communities.

**Which of our journals is your meeting most relevant to?**

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Journal of Experimental Biology

**In no less than 100 words, explain the relevance of your meeting to the journal selected.**

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Research presented at OE3C covers ecology, ethology, and evolution at all levels of biological organization in a wide range of taxa, including vertebrates, invertebrates, and microbes. Although geared primarily towards these three fields, OE3C has also included work from academics and industries in conservation biology, genetics, psychology, anthropology, and environmental science. The colloquium is focused on student presentations. JEB publishes research that often intersects with multiple disciplines, including ecology, ethology, and evolution. The OE3C provides a platform for researchers from various backgrounds, especially early-career researchers, to come together and discuss their findings, fostering interdisciplinary connections and collaborations that align with the scope of JEB.

**How did you hear about our Scientific Meeting funding?**

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Previous experience



**In the event that your application is successful, please describe how our funding would benefit your meeting**

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For example, will it address an issue or need in the community, and what difference will it actually make to individuals

The funds will contribute to the EDI (Equity, Diversity & Inclusion) goals of our event. We want to promote a space with inclusive representation, reduce or eliminate financial barriers to participation, and promote a welcoming environment.

## **Sustainable Conferencing Grant Funding**

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The Company of Biologists is offering Sustainable Conferencing Grants to fund innovative ideas that enable biologists to collaborate productively while minimising their impact on the environment.

**Please indicate whether or not you wish to submit this part of the application**

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No

**As part of our agreement to provide funding, we request that should your application be successful you acknowledge the following.**

- 'The Company of Biologists' contribution to the meeting on your website and in any printed material circulated about the event such as the abstracts book.
- This acknowledgement should include the company name, logo and web address.
- Upon grant approval you will be asked to sign a non-negotiable Grant Agreement and return it with your bank details.
- We will require a 250 – 500 word summary of the meeting including an assessment of the impact and outcome of the meeting within 3 months of the meeting date.

Time	Day 1 (May 2)	Day 2 (May 3)	Day 3 (May 4)
8:00	Excursions to RARE Conservation	Breakfast & Registration	Breakfast
8:15			
8:30			
8:45			
9:00			
9:15			
9:30			
9:45			
10:00			
10:15			
10:30			
10:45			
11:00			
11:15			
11:30			
11:45			
12:00	Registration Opens	Lunch Break	Lunch Break
12:15			
12:30	Excursions Bird Banding WATER Lab Tours Tree Planting UWaterloo Biology Museum	Poster Session 1	Poster Session 2
12:45			
13:00			
13:15			
13:30			
13:45			
14:00			
14:15			
14:30			
14:45			
15:00			
15:15			
15:30			
15:45			
16:00	Coffee Break & Pre-Conference Social	Sustainability & Dismantling Biophobia Panel Discussion	Concurrent Talks: Session 3 Room 1 :Ecology Room 2: Ethology Room 3 Evolution
16:15			
16:30	Conference & Territorial Welcome with Land Acknowlegment	Conference Photo	Dinnner, Awards & Closing Ceremonies
16:45			
17:00	Ecology Keynote (Dr. Jessica Forest)	Dinner in Uptown Waterloo  Attendees can explore Waterloo (GRT Transit pass provided)	
17:15			
17:30			
17:45			
18:00			
18:15			
18:30			
18:45			
19:00	Dinner & Trivia		
19:15			
19:30			
19:45			
20:00			
20:15			
20:30			
20:45			
21:00			

## OE3C 2024 Speakers

### Keynote Speakers

#### *Keynote: Ecology*

Dr. Jessica Forrest (she/her/hers)

Dr. Forrest studies the evolutionary ecology of plant–pollinator interactions. She is interested in the causes and consequences of variation in species' life histories and seasonal phenologies, particularly as these traits relate to species interactions. She explores how pollinators and animal-pollinated plants are coping in a world that is getting warmer and more densely populated by humans. A primary application of Dr. Forrest's research is in understanding ways that climate change and other forms of global change affect pollinators (especially native solitary bees) and pollination. Her work has primarily focused on bees and plants in natural habitats, but she is also interested in how better knowledge of native bee ecology can benefit agriculture. Dr. Forrest is currently an Associate Professor in the Department of Biology at the University of Ottawa.

#### *Keynote: Ethology*

Dr. Hannah ter Hofstede (she/her/hers)

Dr. ter Hofstede conducts her research in the field of sensory ecology, specifically investigating how sensory systems encode environmental cues that are crucial for an animal's survival and reproduction. She has always been fascinated by animals and their behaviour, particularly by the ways in which sensory system evolution interacts with the behaviour and ecology of animals. Her research investigates how animal sensory systems filter the information they obtain about their environment and how sensory systems coevolve with behaviour. Much of her work to date explores the acoustic world of bats and their insect prey. Dr. ter Hofstede is currently an Assistant Professor at the University of Windsor in the Department of integrative Biology and the Chair of the Behaviour, Cognition and Neuroscience program.

#### *Keynote: Evolution*

Dr. Rebecca Doyle (she/her/hers)

Dr. Doyle is fascinated by the concept that we, as humans, host many folds more microbial cells than human cells, and that DNA in microbes can have profound impacts on their hosts. In the Doyle lab, experimental approaches in combination with sequencing and genomic analyses are often used to capture evolution occurring in real time. She works to quantify how microbial genomes within a population change in response to environmental change, and in turn, how such microbial evolution impacts their host's ability to survive and reproduce. Dr. Doyle is an Assistant Professor in the Department of Biology at McMaster University.

## Panel Speakers

Patricia Huynh (she/her/hers)

Patricia Huynh is the Sustainability Projects Manager, a PhD candidate, and a sessional instructor at the University of Waterloo. Patricia leads the coordination, development and implementation of projects that advance campus sustainability within the context of the Environmental Sustainability Strategy and Campus Climate Action Plan at the university. Patricia actively works to link academic research and learning opportunities with tangible, on-campus pilot, demonstration, and deployment projects with a focus on sustainability and climate action. Patricia has worked as a biologist, nature interpreter, and conservation engagement intern and is passionate about conservation, restoration, community building, and sustainable living.

Jean-Marc Daigle (he/him/his)

Jean-Marc Daigle is a licensed landscape architect with over 40 years industry experience as both a landscape architect and builder in a wide range of commercial, industrial, institutional and residential settings. He is a creative and versatile designer with an in-depth knowledge of landscape construction processes, with extensive experience in field construction, project management and construction supervision. Jean-Marc specializes in ecological landscaping, ecological restoration and naturalization, “xeriscaping”, natural habitat creation, natural swimming pool design and construction, low impact development, and shoreline stabilization and enhancement. He has a keen interest in the creation of ecologically sustainable landscapes and greenspaces that foster positive experiences of, and interaction with, the natural world. Jean-Marc was a co-author of Restoring Nature’s Place: A Guide to Naturalizing Ontario Parks and Greenspace, recognized as a preeminent guide on ecological restoration in Ontario.

Brendon Samuels (he/him/his)

Brendon Samuels is a PhD candidate at Western University whose research focuses on the factors contributing to the risk of bird-window collisions. Specifically, he is investigating the visual sensitivity and corresponding behaviour of birds, while also investigating the structural properties of glass windows. Brendon actively advocates for the naturalization of urbanized areas and making cities as bird-friendly as possible. Brendon is the chair of the City of London Environmental Stewardship and Action Community Advisory Committee and the coordinator of Bird Friendly London. He is currently working with the Fatal Light Awareness Program (FLAP) to mandate bird-friendly construction in the Ontario Building Code to significantly reduce the number of bird collisions with windows.