

Centre for Bee Ecology, Evolution and Conservation

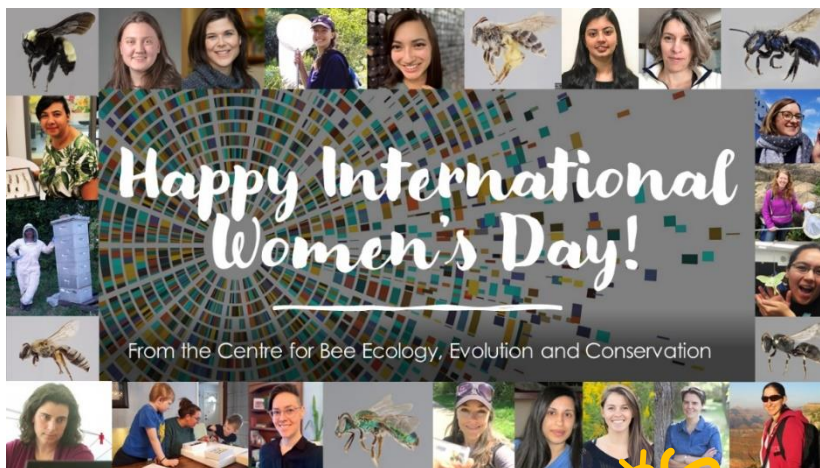
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NEWS

March 8 was International Women's Day! Women (*human and otherwise*) contribute so much to the work that we do! Here are just a few of them...

Congratulations to **Simran Bahia** for successfully defending her MSc project in the Zayed lab on "*Examining Neonicotinoid Resistance in the Honeybee*"! - *well done, Simran!*

World Bee Day is on May 20th, 2021 and we'd love to know how you plan on celebrating! Please share links to your events as you plan them...



PROJECT & ASSOCIATE FEATURE

After all the 2020 setbacks, graduate students in Sheila's lab are excited to plan their summer research projects!!

Briann Dorin, a PhD candidate, says:

"... I am very much so looking forward to having a field season this year. My field research will be looking at ... how vineyard bee communities respond to organic vs conventional management, between-row management, and the surrounding landscape composition including natural lands, various crop types, and impervious surfaces. Though wine grapes do not require insect-pollination, I have been really happy to see the level of interest that grape-growers have demonstrated in my research, which through their support, will be conducted on 20 commercial vineyards across the Niagara Region. ... I am really excited to see what bees I will find in the vineyards this spring and summer!"



Taylor Kerekes, an MSc candidate, says:

"My research this spring will be looking at the abundance, diversity, and floral use of wild bumblebees in southern Ontario, including species known to be at-risk of extinction. ... I am interested to see if previously noted declines in multiple species have continued and if there has been a significant change in floral use over time... I am most excited to get out into the field to start catching bees and working on my bumblebee Identification skills."

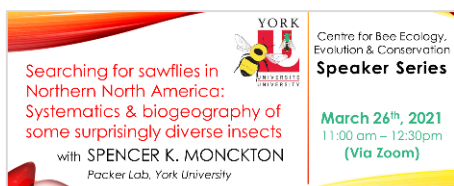
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EVENTS

March 22 @ 12:30pm -
Neurobiology of Lipid
Signaling in the Developing
Brain: Link to Autism
Spectrum Disorders with Dr.
Dorota Crawford, York
University

March 26 @ 11am – BEEc
Speaker Series with Spencer
K. Monckton, Packer Lab



March 29 @ 2:30pm -
Invertebrate septate junction
proteins: roles in epithelial
morphogenesis, transport,
and beyond with Dr. Sima
Jonusaite, University of
Guelph

Call for speakers – over the summer we are looking to highlight some collaborative projects during our Speaker Series! Single, dual, or team presentations welcome - June 4th, July 2nd, August 6th preferred.

OPPORTUNITIES

REMINDER: Nominations for [NSERC's Herzberg](#) (for sustained excellence), [Brockhouse](#) (for interdisciplinary teams), [Polanyi](#) (for a recent outstanding advance) and [Strickland](#) (for societal impact) prizes. The nomination deadline for all four prizes is [April 1, 2021](#).

[The Provost's Postdoctoral Fellowship Program for Black and Indigenous Scholars](#) is a 24-month position at \$70,000/year for those who have completed their PhD within the past five years. Application deadline for this opportunity is [April 1, 2021](#) – BEEc would love to support this initiative!

York is coordinating a [NSERC Discovery Grant information session](#) on Thursday, [April 1, 2020](#), 10am-12pm for faculty members who are considering applying in the fall competition (deadline November 1st). Register online!

Notice: Internal York nominations for [NSERC McDonald Fellowships](#) (previously known as the E.W.R. Steacie Memorial Fellowships) are due by [April 7, 2021](#). This is a two-year fellowship with relieved teaching/admin duties with a \$250,000 research grant and \$90,000 salary contribution.



NEW PUBLICATIONS

Shell, W. A., Steffen, M. A., Pare, H. K., Seetharam, A. S., Severin, A. J., Toth, A. L., & Rehan, S. M. (2021). Sociality sculpts similar patterns of molecular evolution in two independently evolved lineages of eusocial bees. *Communications Biology*, 4(1), 253. <https://doi.org/10.1038/s42003-021-01770-6>

Training and usage of detection dogs to better understand bumble bee nesting habitat: Challenges and opportunities, by Amanda Liczner, Victoria MacPhail, Deborah Woollett, Ngaio Richards, and Sheila Colla has just been accepted by PLOS ONE. Stay tuned for the publication!