

NEWS

Congratulations to Dr. Sandra Rehan for receiving this year's [E.W.R. Steacie Memorial Fellowship](#)! The Fellowship will help Rehan expand her research on novel genomic methods to help identify challenges and opportunities to conserve and increase diverse bee populations in cities.

- To find out more about Sandra's work, please visit her [lab's website](#).



York U researcher wins prestigious E.W.R. Steacie Memorial Fellowship for work with bees

TORONTO, Nov. 17, 2021 – Wild bees have a critical role to play in climate change resilience, which makes finding out why they are declining more important. As a winner of this year's NSERC E.W.R. Steacie Memorial Fellowship, York University Associate Professor Sandra Rehan is tackling this issue through her work in bee genomics, molecular ecology and behavioural genetics.

 York Media Relations



OPPORTUNITIES



Academic Employment Opportunities

Position Information

Position Rank: Full Time Professorial Stream - Assistant Professor
Discipline/Field: Pollination Ecology
Home Faculty: Science
Home Department/Area/Division: Biology
Affiliation/Union: YUFA
Position Start Date: July 1, 2022

We are GROWING! BEEc is looking to fill a new professorial stream tenure-track appointment in [Pollination Ecology at the Assistant Professor level](#), to commence July 1, 2022. Applicants should have a clearly articulated program of research and specialize in pollination systems where bees are the principal pollinators.

The deadline for receipt of completed applications is November 19, 2021.

ASSOCIATE PUBLICATIONS

Audet, T., Romero, N., & Richards, M. (2021). Negative effects of early spring mowing on a bee community: A case study in the Niagara Region. *The Journal of the Entomological Society of Ontario*, 152, 39–55.

Gardner, J., & Gibbs, J. (2021). New and little-known Canadian *Lasioglossum* (Dialictus) (Hymenoptera: Halictidae) and an emended key to species. *The Canadian Entomologist*, 1–37.
<https://doi.org/10.4039/tce.2021.47>

Centre for Bee Ecology, Evolution and Conservation

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Lalonde, S., McCune, J. L., Rivest, S. A., & Kharouba, H. M. (2021). Decline in common milkweed along roadsides around Ottawa, Canada. *Écoscience*, 0(0), 1–13.

<https://doi.org/10.1080/11956860.2021.1943930>

Lawson, S. P., Kennedy, K. B., & Rehan, S. M. (2021). Pollen composition significantly impacts the development and survival of the native small carpenter bee, *Ceratina calcarata*. *Ecological Entomology*, 46(2), 232–239. <https://doi.org/10.1111/een.12955>

Mackell, S. E. (2021). Understanding honey bee forage requirements and the impacts of urban hives on wild bees. <https://yorkspace.library.yorku.ca/xmlui/handle/10315/38436>

Martel, V., Morin, O., Monckton, S. K., Eiseman, C. S., Béliveau, C., Cusson, M., & Blank, S. M. (2021). Elm zigzag sawfly, *Aproceros leucopoda* (Hymenoptera: Argidae), recorded for the first time in North America through community science. *The Canadian Entomologist*, 1–18.

<https://doi.org/10.4039/tce.2021.44>

Robinson, S. V. J., Edwards, D., Vickruck, J. L., Best, L. R., & Galpern, P. (2021). Non-crop sources of beneficial arthropods vary within-season across a prairie agroecosystem. *Agriculture, Ecosystems & Environment*, 320, 107581. <https://doi.org/10.1016/j.agee.2021.107581>

Tiwari, T., & Zayed, A. (2021). Practical applications of genomics in managing honey bee health. *Veterinary Clinics: Food Animal Practice*, 37(3), 535–543. <https://doi.org/10.1016/j.cvfa.2021.06.008>

UPCOMING EVENTS

2021/22 Speaker Series presented by the Centre for Bee Ecology, Evolution and Conservation

December 3rd, 2021 @ 11am

Canada's First National Pollinator Strategy

with **Dr. Rachel Nalepa**,
Postdoctoral Visitor, Native Pollinator Research Lab, Faculty of Environmental and Urban Change, York University

& **Dr. Victoria MacPhail**,
Research Associate, Faculty of Environmental and Urban Change, York University

Why does Canada need a strategy and what should a national pollinator strategy look like?

What are the tradeoffs between desirable conservation solutions and politically/ logistically feasible ones?

What can we learn from pollinator conservation initiatives at the national level in other countries?

Join Dr. Rachel Nalepa & Dr. Victoria MacPhail for a discussion on these topics and a project currently underway at the Colla Lab to create a strategy that is collaborative, interdisciplinary and science-based.

Research results regarding expert policy recommendations and a corresponding research agenda will be presented.



Photo credit: Christy Stewart



To register, go to www.yorku.ca/bees/speaker-series/ , & to learn more about the Centre, please visit www.yorku.ca/bees

December 3rd, 2021 @ 11am

Canada's First National Pollinator Strategy with Rachel Nalepa & Victoria MacPhail, York University

Why does Canada need a strategy and what should a national pollinator strategy look like??

If you would like to rewatch past recorded events or would like to present your work to your BEEc colleagues, please visit <https://www.yorku.ca/bees/speaker-series/>