

**FELIPE TORRES-VANEGAS**  
***CURRICULUM VITAE***

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## **EDUCATION**

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<b>Ph.D. in Ecology and Evolutionary Biology</b> Pollination Ecology and Plant Mating Systems Department of Ecology and Evolutionary Biology, University of Toronto, Canada. Supervisory Committee: Helene H. Wagner, Marie-Josée Fortin, Marc T.J. Johnson.	2016-2022
<b>M.Sc. in Ecology and Evolutionary Biology</b> Biogeography and Phylogenetics Department of Biology, Universidad de los Andes, Colombia.	2011-2013
<b>B.Sc. in Biology</b> Phylogenetics Department of Biology, Universidad de los Andes, Colombia.	2007-2011

## **PROFESSIONAL APPOINTMENTS**

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<b>Researcher</b> Pollination Evolutionary Ecology Department of Biology, Lund University, Sweden.	2025-Present
<b>Postdoctoral Research Fellow</b> Pollination Evolutionary Ecology Department of Biology, Lund University, Sweden. Supervisor: Øystein H. Opedal.	2022-2024
<b>Landscape Science Intern</b> Credit Valley Conservation Mississauga, Canada. Supervisor: Aviva Patel	2018-2019
<b>Science and Math Teacher</b> Colegio Los Nogales Bogotá, Colombia.	2014-2016

## **PUBLICATIONS**

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### **Published Manuscripts:**

6. **Torres-Vanegas, F., Temesvári, V., García, Y., Friberg, M., Opedal, Ø.H. (2026)** Pollinator

assemblage composition predicts trait divergence in a pollination-generalized plant. *Evolution*. [PDF](#)  
[GitHub](#) [Dryad](#)

5. Davis, K.E.C., Thomassen E.S., Wagner H.H., Kormann U.G., Hadley A.S., Betts M.G., **Torres-Vanegas, F.** (2026). Incorporating pollinator movement into connectivity models predicts pollen-mediated gene flow and highlights the importance of regenerating forests in tropical landscapes. *Landscape Ecology*. 41: 1-24 [PDF](#) [Dryad](#)
4. **Torres-Vanegas, F.**, Temesvári, V., Hildesheim, L.S., Rodríguez-Otero, C., Müller, V., Aukema, E., Friberg, M., Opedal, Ø.H. (2024). Linking divergence in phenotypic selection on floral traits to divergence in local pollinator assemblages in a pollination-generalized plant. *Journal of Evolutionary Biology*. 37: 1312-1328. [PDF](#) [GitHub](#) [Dryad](#)
3. **Torres-Vanegas, F.**, Hadley, A.S., Kormann, U.G., Jones, F.A., Betts, M.G., Wagner, H.H. (2023). Pollinator foraging tactics have divergent consequences for the mating system of a tropical plant. *New Phytologist*. 237: 1050-1066. [PDF](#) [GitHub](#) [Dryad](#)
2. **Torres-Vanegas, F.**, Hadley, A.S., Kormann, U.G., Jones, F.A., Betts, M.G., Wagner, H.H. (2021). Tropical deforestation reduces plant mating quality by shifting the functional composition of pollinator communities. *Journal of Ecology*. 109: 1730-1746. [PDF](#) [GitHub](#) [Dryad](#)
1. **Torres-Vanegas, F.**, Hadley, A.S., Kormann, U.G., Jones, F.A., Betts, M.G., Wagner, H.H. (2019). The Landscape Genetic Signature of Pollination by Trapliners: Evidence from the Tropical Herb, *Heliconia tortuosa*. *Frontiers in Genetics*. 10: 1206. [PDF](#) [GitHub](#) [Dryad](#)

#### Technical Reports:

1. Abdel Moniem, H.E., **Torres-Vanegas, F.**, Wagner, H.H. (2020). Evaluating Natural Heritage Connectivity in the Credit River Watershed: Final Report. Credit Valley Conservation Authority. 1-70. Mississauga, ON, Canada. [PDF](#)

#### Educational Resources:

1. **Torres-Vanegas F.**, Abdel Moniem, H.E., Wagner, H.H. (2020). Landscape Connectivity Modeling Across the Credit River Watershed: User's Guide. Credit Valley Conservation Authority. 1-48. Mississauga, ON, Canada. [PDF](#)

#### Popular Science:

1. **Torres-Vanegas, F.** (2019). Into the *Heliconia* Garden. *EEB Quarterly*. Spring 2019. Volume 1, Issue 3. 66-70. [PDF](#)

#### SCHOLARSHIPS, GRANTS & AWARDS

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2024	<i>Research Grant</i> . Swedish Phytogeographical Society. Sweden. (\$40,000 SEK)
2023	<i>Research Grant</i> . The Elly Olsson Foundation. Sweden. (\$120,000 SEK)
	<i>Research Grant</i> . Swedish Phytogeographical Society. Sweden. (\$32,500 SEK)
2022	<i>Postdoctoral Scholarship</i> . Sven and Lilly Lawski Foundation. Sweden. (\$600,000 SEK)

- 2020 *Faculty of Arts & Science Funding Package*. University of Toronto. Canada. (\$8,867 CAD)  
2016 *Beca Doctorados en el Exterior*. COLCIENCIAS. Colombia.  
*CREATE Enviro Trainee*. National Science and Engineering Research Council. Canada.  
(\$10,000 CAD)

## ORAL PRESENTATIONS

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### Invited Presentations:

- 2024 Stakeholder Meeting. Organization for Tropical Studies. Las Cruces Research Station, Costa Rica.  
2021 Centre for Biodiversity Dynamics Seminar Series. NTNU. Trondheim, Norway.  
2020 Landscape Genetics Symposium. International Association for Landscape Ecology North America. Virtual Remote Conference.  
Evolution and Ecology Seminar Series. Uppsala University. Uppsala, Sweden.  
2019 Credit Valley Conservation: Evolution and Ecology Seminar Series. Mississauga, Canada.  
Biodiversity Seminar Series. WSL. Zurich, Switzerland.

### Contributed Talks:

- 2025 Spanish Group for Floral Ecology (EcoFlor). León, Spain.  
2024 Scandinavian Association for Pollination Ecology. Lofthus, Norway.  
Nordic Society Oikos. Lund, Sweden.  
Spanish Group for Floral Ecology (EcoFlor). Coimbra, Portugal.  
2023 Scandinavian Association for Pollination Ecology. Namur, Belgium.  
2022 Scandinavian Association for Pollination Ecology. Gimo, Sweden.  
Ecological Society of America Annual Meeting. Montreal, Canada.  
2021 Atwood Colloquium in Ecology and Evolution. University of Toronto. Toronto, Canada.  
International Association for Landscape Ecology North America. Virtual Remote Conference.  
2020 Scandinavian Association for Pollination Ecology. Virtual Remote Conference.  
2019 International Association for Landscape Ecology World Congress. Milan, Italy.  
2018 North American Congress for Conservation Biology. Toronto, Canada.  
2017 International Congress for Conservation Biology. Cartagena, Colombia.  
2012 First International *Viburnum* Summit. New Haven, Connecticut, USA.

## TEACHING EXPERIENCE

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**Distributed Graduate Seminar Landscape Genetics** 2022-2023  
Department of Biology. University of Toronto Mississauga, Canada.  
*Group Project Leader*

**Guest Lectures**  
Department of Biology. Lund University, Sweden. 2025  
*Statistics for Biologists*  
Department of Biology. University of Toronto Mississauga, Canada. 2022  
*Diversity of Organisms (BIO153)*

**Teaching Assistantships** 2016-2022  
Department of Biology. University of Toronto Mississauga, Canada.  
*Biometrics (BIO360).*  
*Ecology (BIO205).*  
*Introduction to Plant Morphology and Physiology (BIO203).*

**Science and Math Teacher** 2014-2016  
Colegio Los Nogales. Colombia.  
*Instructor for fifth grade Science and Math.*

**Teaching Assistantships** 2011-2013  
Department of Biology. Universidad de los Andes, Colombia.  
*Plant Physiology (BIOL3303).*  
*Botany (BIOL2305).*

## **PEDAGOGICAL TRAINING**

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Teaching Fundamentals Certificate 2019  
Teaching Assistants Training Program. University of Toronto, Canada.

## **MENTORSHIP**

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2024 *An-Sofie Vastenavondt*. MSc Student. KU Leuven, Belgium and Lund University, Sweden.  
2022 *Ferne Kotlyar*. MSc Student. University of Toronto, Canada.

## **PROFESSIONAL SERVICE & WORKING GROUPS**

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2025 Conference Workshop: Spanish Group for Floral Ecology (EcoFlor). Model-based multivariate approaches for pollination biologists using HMSC. León, Spain. [Tutorial](#)  
2021-2022 Co-leader of the Ecology and Evolution Journal Club. University of Toronto Mississauga.  
2020 Local Student Representative. International Association of Landscape Ecology North America Virtual Remote Conference.  
2019 Graduate Student Writing Workshop. University of Toronto.  
2018-2019 Society of Conservation Biology Toronto Chapter. Vice-President.  
2017-2018 Society of Conservation Biology Toronto Chapter. Communications Coordinator.  
2016-2017 Biology Graduate Student Society. University of Toronto Mississauga.

### **Reviewer:**

American Journal of Botany (1), Arthropod-Plant Interactions (1), Biological Conservation (1), Biotropica (1), BMC Plant Biology (1), Brazilian Journal of Botany (1), Frontiers in Genetics (1), Journal of Ecology (1), Journal of Pollination Ecology (1), Landscape Ecology (1), Movement Ecology (1), Proceedings of the Royal Society B Biological Sciences (2).