

FELIPE TORRES-VANEGAS
CURRICULUM VITAE

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EDUCATION & RESEARCH EXPERIENCE

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

PROFESSIONAL APPOINTMENTS

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| Postdoctoral Research Fellow
Pollination Ecology and Plant Mating Systems
Department of Biology, Lund University
Supervisor: Øystein H. Opedal | 2022-Present |
| Landscape Science Intern
Credit Valley Conservation
Mississauga, Canada | 2018-2019 |
| Science and Math Teacher
Colegio Los Nogales
Bogotá, Colombia | 2014-2016 |

PUBLICATIONS

Submitted Manuscripts:

4. **Torres-Vanegas, F.** The importance of field experiments to understand the impact of anthropogenic disturbances on plant mating systems. Resubmitted to *American Journal of*

Botany (AJB-D-22-00410R1).

Published Manuscripts:

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. <https://doi.org/10.1111/nph.18574>
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. <https://doi.org/10.1111/1365-2745.13594>
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. <https://doi.org/10.3389/fgene.2019.01206>

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. <https://dataverse.scholarsportal.info/dataset.xhtml?persistentId=doi:10.5683/SP2/CMGXZR>

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. https://github.com/felipetorresvanegas/CVC_modeling

Popular Science:

1. **Torres-Vanegas, F.** (2019). Into the *Heliconia* Garden. *EEB Quarterly*. Spring 2019. Volume 1, Issue 3. 66-70. <https://drive.google.com/file/d/1WkI76175QB7hCRmN9CnWQkbL32-agBN4/view>

SCHOLARSHIPS, GRANTS & AWARDS

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| 2022 | <i>Postdoctoral Scholarship</i> . Sven and Lilly Lawski Foundation. Sweden. |
| 2020 | <i>Faculty of Arts & Science Funding Package</i> . University of Toronto. Canada. |
| 2017 | <i>Three-Minute Thesis Competition (Second Place)</i> . 3MT CREATE Enviro. Trent University. Canada. |

- Best Speed Oral Presentation (Second Place)*. International Congress for Conservation Biology. Cartagena, Colombia.
- 2016 *Beca Doctorados en el Exterior*. Departamento Administrativo de Ciencia, Tecnología, e Innovación (COLCIENCIAS). Colombia.
- CREATE Enviro Trainee*. National Science and Engineering Research Council (NSERC). Canada.

ORAL PRESENTATIONS

Invited Presentations:

- 2021 Centre for Biodiversity Dynamics Seminar Series. NTNU. Trondheim, Norway.
- 2020 Landscape Genetics Symposium. International Association for Landscape Ecology North America. Virtual Remote Conference.
- Plant 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:

- 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.

POSTER PRESENTATIONS

- 2017 International Congress for Conservation Biology. Cartagena, Colombia.
- 2011 Congreso Colombiano de Botánica. Cali, Colombia.

TEACHING EXPERIENCE

Distributed Graduate Seminar Landscape Genetics
University of Toronto Mississauga, Department of Biology
Group Project Leader

2022-Present

Guest Lecture University of Toronto Mississauga, Department of Biology <i>Diversity of Organisms (BIO153)</i>	2022
Teaching Assistantships University of Toronto Mississauga, Department of Biology <i>Biometrics (BIO360).</i> <i>Ecology (BIO205).</i> <i>Introduction to Plant Morphology and Physiology (BIO203).</i>	2016-2022
Science and Math Teacher Colegio Los Nogales <i>Instructor for fifth grade Science and Math.</i>	2014-2016
Teaching Assistantships Universidad de los Andes, Department of Biology <i>Plant Physiology (BIOL3303).</i> <i>Botany (BIOL2305).</i>	2011-2013

PEDAGOGICAL TRAINING

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

University of Toronto

2022	Ferne Kotlyar. MSc Student.
2020	Catherine Burzynski. Independent Research Project Undergraduate Student.
2019	Semrit Grewal. Work Study Undergraduate Student.
2018	Sumera Varachhia. Research Opportunity Program Undergraduate Student.
2017	Fahad Farooq. Independent Research Project Undergraduate Student. Khadija Lakdawala. Work Study Undergraduate Student.

PROFESSIONAL SERVICE & WORKING GROUPS

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: Frontiers in Genetics (1), American Journal of Botany (1), Proceedings of the Royal Society B Biological Sciences (1).

Society Memberships: Society for Conservation Biology (SCB), International Association for Landscape Ecology (IALE), Canadian Society for Ecology and Evolution (CSEE).