

Timothy Thurman

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Smithsonian Tropical Research Institute
Panamá, República de Panamá

Education

McGill University PhD Candidate Biology	2013-Present
Vanderbilt University B.A., <i>summa cum laude</i> Ecology, Evolution, and Organismal Biology (Honors)	2007-2011

Publications

Published

7. Hu, J., Askary, A.M., **Thurman, T.J.**, Spiller, D. Palmer, T.M., Pringle, R.M., Barrett, R.D.H. Epigenetic signatures of colonizing new environments in *Anolis* lizards. *Molecular Biology and Evolution*, **36**(10):2165-2170.
6. **Thurman, T.J.**, Szejner-Sigal, A., McMillan, W.O. Movement of a *Heliconius* hybrid zone over 30 years: a Bayesian approach. *Journal of Evolutionary Biology*, **32**(9):974-983.
5. Hu, J., Askary, A.M., **Thurman, T.J.**, Spiller, D. Palmer, T.M., Pringle, R.M., Barrett, R.D.H. Epigenetic signatures of colonizing new environments in *Anolis* lizards. In press at *Molecular Biology and Evolution*.
4. Pringle, R.M.*, Kartzinel, T.R.*, Palmer, T.M.*, **Thurman, T.J.**, Fox-Dobbs, K., Xu, C.Y., Hutchinson, M. C., Coverdale, T.C., Daskin, J.H., Evangelista, D.A., Gotanda, K.M., Man in 't Veld, N.A., Wegener, J.E., Kolbe, J.J., Schoener, T.W., Spiller, D.A., Losos, J.B., Barrett, R.D.H. 2019. Predator-induced collapse of niche structure and species coexistence. *Nature*, **570**(7759): 58-64.
3. **Thurman, T.J.***, Brodie, E.,* , Evans, E., McMillan, W.O. 2018. Facultative pupal mating in *Heliconius erato*: implications for mate choice, female preference and speciation. *Ecology and Evolution*, **8**(3): 1882-1889.
2. **Thurman, T.J.**, Barrett, R.D.H. 2016. The genetic consequences of selection in natural populations. *Molecular Ecology*, **27**(5): 1429-1448.

1. **Thurman, T.J.***, Seymoure, B.* 2016. A bird's eye view of two mimetic tropical butterflies: coloration matches predator's sensitivity. *Journal of Zoology*, **298**(3): 159-168. *Journal of Zoology 2016 Paper of the Year, featured on the Journal of Zoology blog and podcast.*

*indicates equal contribution of authors

Teaching

Presenter	2017
QCBS Introduction to R workshop series	
Teaching assistant	2014, 2016, 2017
BIOL 215, McGill University: Introduction to Ecology and Evolution	
Teaching assistant	2013, 2016, 2017
BIOL 304, McGill University: Evolution	
Guest lecturer	2016
BIOL 304, McGill University: Evolution	
Teaching assistant	2016
Introduction to R workshops, Smithsonian Tropical Research Institute	
Teaching assistant	2016
BIOL 112, McGill University: Cell and Molecular Biology (Lab)	

Awards and Funding

Compute Canada Resources for Research Groups award	2019
QCBS Excellence Award	2018
Class of '66 Award, McGill University	2018
Writing Year Award, McGill University	2018
NEO grant-in-aid	2017
<i>Journal of Zoology</i> Paper of the Year, 2016	2016
STRI-McGill-NEO Fellowship	2013-2015
Delise Alison Award, McGill University	2014, 2015
International Research Travel Award, McGill University	2014, 2015, 2016
Molson-Hilton-Hart Fellowship	2015

Presentations

Invited seminar, Vassar College, Poughkeepsie, NY	2019
Invited seminar, University of Montana, Missoula, MT	2019
Talk, Organismal Seminar Series, McGill University	2019
Poster, QCBS Symposium, Montréal, Québec	2018
Poster, Joint Congress on Evolution, Montpellier, France	2018
Talk, NEO/BESS Symposium, McGill University	2016
Poster, 10 th International <i>Heliconius</i> Meeting. <i>Winner, best poster</i>	2015
Talk, Redpath Museum Seminar Series, McGill University	2014
Talk, Gamboa Seminar Series, STRI	2014

Talk, Redpath Museum Seminar Series, McGill University	2013
Speed talk, QCBS Symposium	2013
Poster, Evolution Meetings, Portland, OR.	2010

Languages

Human: English (Native), Italian (Intermediate), Spanish (Beginner)

Computer: R (expert), Unix/bash (intermediate), Stan (intermediate)

Reviewing

Evolution Letters, PLoS Biology, Molecular Ecology

Service

Tenure-track faculty position search committee, McGill Biology Department	2018
Organismal Seminar Series Coordinator	2016-2017

Professional Memberships

Society for the Study of Evolution

References

Rowan Barrett (PhD supervisor)
Assistant Professor and Canada Research Chair
McGill University
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W. Owen McMillan (PhD supervisor)
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