

# Timothy Thurman

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Redpath Museum, Department of Biology  
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Smithsonian Tropical Research Institute  
Panamá, República de Panamá

## Education

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### McGill University

2013-Present

PhD Candidate

Biology

### Vanderbilt University

2007-2011

B.A., *summa cum laude*

Ecology, Evolution, and Organismal Biology (Honors)

## Publications

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### Published

6. **Thurman, T.J.**, Szejner-Sigal, A., McMillan, W.O. Movement of a *Heliconius* hybrid zone over 30 years: a Bayesian approach. Accepted at *Journal of Evolutionary Biology*.
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

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

## Awards and Funding

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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

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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 <sup>th</sup> 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

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**Human:** English (Native), Italian (Intermediate), Spanish (Beginner)  
**Computer:** R (expert), Unix/bash (intermediate), Stan (intermediate)

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## Reviewing

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*PLoS Biology, Molecular Ecology*

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## Service

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

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## Professional Memberships

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Society for the Study of Evolution

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## References

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**Rowan Barrett** (PhD supervisor)  
Assistant Professor and Canada Research Chair  
McGill University  
rowan.barrett@mcgill.ca

**W. Owen McMillan** (PhD supervisor)  
Dean of Academic Programs  
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