

## Scott Thomas, Ph.D.

Biology Department  
Hiram College  
Hiram, OH 44234

Email: [scott06thomas@gmail.com](mailto:scott06thomas@gmail.com)

Mobile: 330-428-4396

---

### EDUCATION

2020	PhD in Integrated Bioscience	University of Akron
Dissertation: Demographic and environmental influences on population dynamics in pond-breeding salamanders		
2013	MS in Biology	University of Akron
Thesis: Genetic structure due to variation in breeding time in a salamander population		
2011	BS in Biology	University of Mount Union

---

### APPOINTMENTS and EXPERIENCE

2020-2022,2024	Postdoctoral Research Fellow: Murray State University
2023-2024	Amphibian Road Mortality Consultant: National Parks Service

---

### TEACHING

#### Hiram College

2024-present Introduction to Biology – Instructor

#### Rocky Mountain Biological Laboratory

2022-present Undergraduate research mentor

#### The University of Akron

2013-2018	Vertebrate Zoology – Lab Instructor
2011-2018	Principles of Biology I and II – Teaching Assistant
2011-2018	Anatomy and Physiology I and II – Teaching Assistant
2012-2017	Herpetology – Teaching Assistant
2015	Animal Behavior – Reader
2015	General Ecology – Reader

---

### PUBLICATIONS

- Kirk, M. A., Lackey, A. C., Reider, K. E., Thomas, S. A., & Whiteman, H. H. (2024). Climate mediates the trade-offs associated with phenotypic plasticity in an amphibian polyphenism. *Journal of Animal Ecology*. <https://doi.org/10.1111/1365-2656.14187>.
- Kirk, M. A., Reider, K. E., Lackey, A. C., Thomas, S. A., & Whiteman, H. H. (2023). The role of environmental variation in mediating fitness trade-offs for an amphibian polyphenism. *Journal of Animal Ecology*, 92(9), 1815-1827. <https://doi.org/10.1111/1365-2656.13974>.
- Garner, A. M., Stark, A. Y., Thomas, S. A., & Niewiarowski, P. H. (2017). Geckos go the distance: Water's effect on the speed of adhesive locomotion in geckos. *Journal of Herpetology*, 51(2), 240-244. <https://doi.org/10.1670/16-010>.
- Crump, P., Berven, K., Youker-Smith, T. E., Skelly, D., Thomas, S., & Houlahan, J. (2017). Predicting anuran abundance using an automated acoustics approach. *Journal of Herpetology*, 51(4), 582-589. <https://doi.org/10.1670/16-174>.
-

---

## FELLOWSHIPS and AWARDS

### Completed

NSF Postdoctoral Research Fellowship in Biology (Award #2010958)

Title: Do energy gradients mediate cannibalism-driven population dynamics?

2020- \$207000

Choose Ohio First Scholarship in Bioinformatics Research

2013- \$3500

2014- \$4000

2015- \$4000

### Rejected

NSF Organismal Responses to Climate Change (August 2025)

Title: Integrating eco-evolutionary dynamics, physiology, and genetics to understand and predict consequences of climate change on high-elevation predator-prey interactions

PI: Alycia Lackey (University of Louisville)

---

## PRESENTATIONS

### Invited Talks

2024 University of Akron.

### Contributed Talks

2019 Society for Integrative and Comparative Biology.

2017 Three Rivers Evolution Event sponsored by the American Society of Naturalists.

2017 Society for Integrative and Comparative Biology Midwest Regional Meeting.

### Posters

2016 Cuyahoga River Ecology and Evolution Consortium.

2015 Great Lakes Bioinformatics Conference.

2014 Great Lakes Bioinformatics Conference.

---

## SERVICE

Journal ad hoc Reviewer – *Oecologia*, *Ecosphere*

### Rocky Mountain Biological Laboratory

2023-present Institutional Animal Care and Use Committee

2020 Diversity, Equity, and Inclusion Committee

### Organization of Biological Field Stations

2022-2023 Board of directors, Early Career Member At-Large

2022-present Committees – travel awards, grants, annual meeting planning

---

## OUTREACH

2018-present Rocky Mountain Biological Laboratory – various presentations to community, board, and donors

2012-2024 University of Akron Field Station Open Houses and public presentations

2013-2024 Herpetofauna exhibitions

2012-2020 Public creek walks and amphibian migration hikes

2013-2019 K-12 Field Trips to University of Akron Field Station properties

2019 Invited panel discussion at Cleveland Museum of Natural History

2016 Invited presentation to Ohio Wetlands Association Vernal Pool Workshop

---

## PROFESSIONAL MEMBERSHIPS

Ecological Society of America

Herpetologists' League

Society for Freshwater Science

Organization of Biological Field Stations

American Society of Naturalists

American Association of University Professors

---