Pascal O. Title

[last updated on June 6, 2025]

Department of Ecology & Evolution
Stony Brook University
650 Life Sciences Building
Stony Brook, NY 11794

Assistant Professor
email: pascal.title@stonybrook.edu
website: www.pascaltitle.com
www.github.com/ptitle/

EDUCATION & APPOINTMENTS:

Assistant Professor — Sep. 2023 – present
Department of Ecology & Evolution, Stony Brook University

Assistant Research Professor — Sep. 2020 – Aug. 2023
Department of Ecology & Evolution, Stony Brook University

Species Distribution Modeling Postdoctoral Fellow & Assistant Research Scientist — Oct. 2018 – Aug. 2020
Environmental Resilience Institute, Indiana University

Adjunct Research Scientist — Oct. 2018 – Aug. 2020
Department of Biology, Indiana University

PhD University of Michigan — Aug. 2012 – Sep. 2018
Department of Ecology and Evolutionary Biology
Advisor: Dr. Daniel L. Rabosky

University of Michigan graduate certificate
Computational Discovery and Engineering — April 2017

MSc San Diego State University — Aug. 2009 – Aug. 2012
Department of Biology, Evolutionary Biology Program
Advisor: Dr. Kevin J. Burns

BA University of California, Berkeley — Aug. 2004 – Aug. 2008
Department of Integrative Biology

FELLOWSHIPS, GRANTS, AND AWARDS:

Fellowships:

2018 - 2020 Indiana University Environmental Resilience Institute Fellowship ($240,000)
2017 University of Michigan Rackham Predoctoral Fellowship ($32,640)

Grants & Awards:

2017	UMMZ Hinsdale Scholarship ($4,137)
2017	Rackham Graduate Student Research Grant ($3,000)
2016	Michigan Institute for Computational Discovery & Engineering fellowship ($4,000)
2015	Honorable mention, SSAR Seibert Award in Systematics/Evolution
2015	EEB Block grant ($2,290)
2014	ASIH Stoye award in general herpetology for best oral presentation
2014	Society for the Study of Evolution Rosemary Grant Award ($2,500)
2014	Herp League E.E. Williams Research Grant ($1,000)
2013/2014	UMMZ C. F. Walker Scholarship for field research in herpetology ($2,500)
2013	UM Rackham Precandidate Graduate Research Grant ($1,500)
2013	Society of Systematic Biologists Graduate Student Research Award ($2,000)
2011	Mabel Meyers Memorial Scholarship, San Diego State University ($2,000)
2010	IRA Student Travel Award, San Diego State University

PUBLICATIONS:

Muthukrishnan, R., T.M. Smiley, **P.O. Title**, A.M. Fudickar, A.E. Jahn and J.A. Lau. 2025. Chasing the niche: Escaping climate change threats in place, time and space. *Global Change Biology.* 31:e70167

S. Singhal, I. Prates, H. Huang, M.R. Grundler, A.R. Lemmon, E.M. Lemmon, **P.O. Title**, S.C. Donnellan, C. Moritz and D.L. Rabosky. 2025. Adaptive radiation, "taxon murk", and the reality of early burst speciation: an example from Australia's scincid lizards. *Evolutionary Journal of the Linnean Society.*

Title P.O.*, S. Singhal*, M.C. Grundler, G.C. Costa, R.A. Pyron, T.J. Colston, M.R. Grundler,, I. Prates, N. Stepanova, M.E.H. Jones, L.B.Q. Cavalcanti, G.R. Colli, N. Di-Poï, S.C. Donnellan, C. Moritz, D.O. Mesquita, E.R. Pianka, S.A. Smith, L.J. Vitt and D.L. Rabosky*. 2024. The macroevolutionary singularity of snakes. *Science* 383, 918-923.
** denotes equal contribution to this work.*
*** Stony Brook Press Release*
*** University of Michigan Press Release*
*** Natural History Museum, London Press Release*
*** Popular Science article*

Cicero, C., N.A. Mason, Z. Oong, **P.O. Title**, M.E. Morales, M.S. Koo and R.C.K. Bowie. 2022. Deep ecomorphological and genetic divergence in Steller's Jays (*Cyanocitta stelleri*, Aves: Corvidae). *Ecology & Evolution* 12:e9517.

Title, P.O., D.L. Swiderski and M.L. Zelditch. 2022. EcoPhyloMapper: an R package for integrating geographic ranges, morphometrics and phylogeny. Methods in Ecology & Evolution 13:1912–1922.
*** made the long list for the MEE Robert May award for best paper submitted by an early career author*

Houser, M., A. Sullivan, T.M. Smiley, R. Muthukrishnan, E. Grennan Browning, A. Fudickar, **P.O. Title**, J. Bertram, and M. Whiteman. 2021. What fosters the success of a transdisciplinary environmental research institute? Reflections from an interdisciplinary research cohort. *Elementa: Science of the Anthropocene* 9.

Smiley, T.M., R.C. Terry, **P.O. Title** and M.L. Zelditch. 2020. Dimensions of biodiversity: patterns of species richness, phylogenetic and ecological diversity, and endemism in North American rodents. *Global Ecology and Biogeography* 29:516-533.

Title, P.O. and D.L. Rabosky. 2019. Tip rates, phylogenies and diversification: what are we estimating, and how good are the estimates? *Methods in Ecology and Evolution* 10:821-834.
*** associated MEE blog post*
*** featured in the MEE virtual issue: Phylogenetics and Comparative Methods: The Bright and Dark Sides*

von May, R., E. Biggi, H. Cardenas, M.I. Diaz, C. Alarcon, V. Herrera, R. Santa-Cruz, F. Tomasinelli, E.P. Westeen, C.M. Sanchez-Paredes, J.G. Larson, **P.O. Title**, M.R. Grundler, M.C. Grundler, A.R. Davis Rabosky, and D.L. Rabosky. 2019. Ecological interactions between arthropods and small vertebrates in a lowland Amazon rainforest. Amphibian & Reptile Conservation 13: 65-77.
*** University of Michigan Press Release*

Singhal, S., H. Huang, M. Grundler, M.R. Marchán-Rivadeneira, I. Holmes, **P.O. Title**, S.C. Donnellan, P. Doughty and D.L. Rabosky. 2018. Does population structure predict the rate of speciation? A comparative test across Australia's most diverse vertebrate radiation. *The American Naturalist* 192:432-447.

Rabosky, D.L.*, J. Chang*, **P.O. Title***, P.F. Cowman, L. Sallan, M. Friedman, K. Kaschner, C. Garilao, T.J. Near, M. Coll and M.E. Alfaro*. 2018. An inverse latitudinal gradient in speciation rate for marine fishes. *Nature* 559: 392-395.
** denotes equal contribution to this work.*

Title, P.O. and J.B. Bemmels. 2018. ENVIREM: An expanded set of bioclimatic and topographic variables increases flexibility and improves performance of ecological niche modeling. *Ecography* 41: 291-307.

Title, P.O. and D.L. Rabosky. 2017. Do macrophylogenies yield stable macroevolutionary inferences? An example from squamate reptiles. *Systematic Biology* 66: 843-856.

Singhal, S., H. Huang, **P.O. Title**, S.C. Donnellan, I. Holmes, D.L. Rabosky. 2017. Genetic diversity is largely unpredictable but scales with museum occurrences in a species-rich clade of Australian lizards. *Proceedings to the Royal Society B* 284: 20162588.

Bemmels, J.B., **P.O. Title**, J. Ortego, L.L. Knowles. 2016. Tests of species-specific models reveal the importance of drought in postglacial range shifts of a Mediterranean-climate tree: insights from iDDC modelling and ABC model selection. *Molecular Ecology* 25: 4889-4906.

Davis Rabosky, A.R., C.L. Cox, D.L. Rabosky, **P.O. Title**, I.A. Holmes, A. Feldman, J.A. McGuire. 2016. Coral snakes predict the evolution of mimicry across New World snakes. *Nature Communications* 7:11484.

Klicka, L.B., B.E. Kus, **P.O. Title**, K.J. Burns. 2015. Conservation genomics reveals multiple evolutionary units within Bell's Vireo (*Vireo bellii*). *Conservation Genetics*: 1-17.

Rabosky, D.L., **P.O. Title**, H. Huang. 2015. Minimal effects of latitude on present-day speciation rates in New World birds. *Proceedings to the Royal Society B* 282: 20142889.

Title, P.O. and K.J. Burns. 2015. Rates of climatic niche evolution are correlated with species richness in a large and ecologically diverse radiation of songbirds. *Ecology Letters* 18: 433-440.
*** featured in the GBIF Science Review 2016.*

Rabosky, D.L., M.C. Grundler, C.J.R. Anderson, **P.O. Title**, J.J. Shi, J.W. Brown, H. Huang, J.G. Larson. 2014. BAMMtools: an R package for the analysis of evolutionary dynamics on phylogenetic trees. *Methods in Ecology and Evolution* 5: 701-707.

Mason, N.A., **P.O. Title**, C. Cicero, K.J. Burns, R.C.K. Bowie. 2014. Genetic variation among western populations of Horned Lark (*Eremophila alpestris*) indicates recent colonization of the Channel Islands, mainland-bound dispersal, and post-glacial range shifts. *The Auk* 131: 162-174.

Burns, K.J., A.J. Shultz, **P.O. Title**, N.A. Mason, F.K. Barker, J. Klicka, S.M. Lanyon, I.J. Lovette. 2014. Phylogenetics and diversification of tanagers (Passeriformes: Thraupidae), the largest radiation of Neotropical songbirds. Molecular *Phylogenetics and Evolution* 75: 41-77.

PRESENTATIONS:

Conference Papers:

Swiderski, D., **P.O. Title** and M. Zelditch. 2024. Hotspots in mountains, 2: combining landscape complexity and connectivity. *Joint Annual Meeting of the Society for the Study of Evolution, the Society of Systematic Biologists, and the American Society of Naturalists*. Montreal, Canada.

Zelditch, M., **P.O. Title** and D. Swiderski. 2024. Hotspots in mountains, 1: interactions between the adaptive landscape and the physical landscape. *Joint Annual Meeting of the Society for the Study of Evolution, the Society of Systematic Biologists, and the American Society of Naturalists*. Montreal, Canada.

Zelditch, M., **P.O. Title** and D. Swiderski. 2024. Landscape, climate and ecology interact to shape regional species assemblages. *North American Paleontological Convention*. Ann Arbor, Michigan.

Farková, L., **P.O. Title**, I. Horáček and D. Storch. 2024. Spatial and temporal patterns of shrew diversification. *Biennial conference of the International Biogeography Society*. Poster Presentation. Prague, Czechia.

Title, P.O., S. Singhal and D.L. Rabosky. 2023. Assembling a new squamate tree of life. *Joint Annual Meeting of the Society for the Study of Evolution, the Society of Systematic Biologists, and the American Society of Naturalists*. Albuquerque, New Mexico.

Zelditch, M., D. Swiderski and **Title, P.O.** 2022. Disentangling explanations for diversity in topographically complex regions. *Annual Meeting of the American Society of Mammalogists*. Tucson, Arizona.

Title, P.O., M.C. Grundler and D.L. Rabosky. 2021. A definitive rejection of the Out of the Tropics model in marine fishes. *Joint Annual Meeting of the Society for the Study of Evolution, the Society of Systematic Biologists, and the American Society of Naturalists*. Virtual Conference.

Title, P.O., M.C. Grundler and D.L. Rabosky. 2019. Dispersal and the latitudinal diversity gradient in marine fishes. *Annual Meeting of the Ecological Society of America*. Louisville, Kentucky.

Title, P.O. and M.L. Zelditch. 2019. speciesRaster: a platform in R for integrating species ranges, morphology and phylogeny. *Annual Digital Data in Biodiversity Research Conference (iDigBio)*. Yale University. New Haven, Connecticut.

Title, P.O. and M.L. Zelditch. 2019. speciesRaster: a platform in R for integrating species ranges, morphology and phylogeny. *Joint Annual Meeting of the Society for the Study of Evolution, the Society of Systematic Biologists, and the American Society of Naturalists*. Providence, Rhode Island.

Title, P.O., M.C. Grundler and D.L. Rabosky. 2019. Dispersal and the latitudinal diversity gradient in marine fishes. *Biennial conference of the International Biogeography Society*. Malaga, Spain.

Title, P.O. and D.L. Rabosky. 2017. Do macrophylogenies yield stable macroevolutionary inferences? *Joint Annual Meeting of the Society for the Study of Evolution, the Society of Systematic Biologists, and the American Society of Naturalists*. Portland, Oregon.

Title, P.O. and J.B. Bemmels. 2017. ENVIREM: An expanded set of bioclimatic and topographic variables increases flexibility and improves performance of ecological niche modeling. *Biennial conference of the International Biogeography Society*. Poster Presentation. Tucson, Arizona.

Title, P.O. and D.L. Rabosky. 2016. Determinants of regional species diversity in Australian squamates. *Joint Annual Meeting of the Society for the Study of Evolution, the Society of Systematic Biologists, and the American Society of Naturalists*. Austin, Texas.

Title, P.O. and J.B. Bemmels. 2016. ENVIREM: An expanded set of bioclimatic and topographic variables increases flexibility and improves performance of ecological niche modeling. *Joint Annual Meeting of the Society for the Study of Evolution, the Society of Systematic Biologists, and the American Society of Naturalists*. Poster Presentation. Austin, Texas.

Title, P.O. and D.L. Rabosky. 2015. Spatial macroevolutionary patterns in Australian squamates. *Meeting for the Society for the Study of Amphibians and Reptiles*. Lawrence, Kansas.

Title, P.O. and D.L. Rabosky. 2015. Spatial macroevolutionary patterns in Australian squamates. *Joint Annual Meeting of the Society for the Study of Evolution, the Society of Systematic Biologists, and the American Society of Naturalists*. Guaruja, Brazil.

Title, P.O. and D.L. Rabosky. 2015. The spatial distribution of Australia's squamate radiations. *Society for Systematic Biologists meeting.* Ann Arbor, Michigan.

Title, P.O. and K. J. Burns. 2014. Niche evolution and diversification in tanagers. *Annual meeting of the American Ornithologists' Union, Cooper Ornithological Society, and the Society of Canadian Ornithologists.* Estes Park, Colorado.

Title, P.O. and D. L. Rabosky. 2014. Niche evolution dynamics and their role in Australian squamate diversification. *Joint Meeting of Ichthyologists and Herpetologists*. Chattanooga, Tennessee.

Title, P.O. and K. J. Burns. 2013. Niche evolution in relation to diversification in tanagers, the largest radiation of songbirds in the Neotropics. Poster presentation. *Early Career Scientist Symposium on Macroevolution*. Ann Arbor, Michigan.

Title, P.O. and K. J. Burns. 2011. Acquiring and processing occurrence data for georeferencing, niche modeling and subsequent comparative analyses. Poster presentation. *Joint Annual Meeting of the Society for the Study of Evolution, the Society of Systematic Biologists, and the American Society of Naturalists*. Norman, Oklahoma.

Title, P.O. and K. J. Burns. 2010. The evolution of ecological niches in neotropical tanagers. *Joint Annual Meeting of the Society for the Study of Evolution, the Society of Systematic Biologists, and the American Society of Naturalists*. Portland, Oregon.

Invited Talks & Seminars:

Ecomorphological innovations and the diversification of lizards and snakes. 2025. *Richard Gilder Graduate Program seminar, The American Museum of Natural History*. New York, New York.

Ecomorphological innovations and the global diversity of snakes. 2023. *Department of Biology Seminar, City College of New York*. New York, New York.

The date of occurrence: Is it worth incorporating in Species Distribution Modeling & in the analysis of climatic niches? 2023. *New York Species Distribution Modeling Discussion Group.* New York, New York.

Ecomorphological innovations and the global diversity of snakes. 2023. *Department of Ecology and Evolution Seminar, Stony Brook University.* Stony Brook, New York.

Big data for big questions: Spatial macroevolution at continental and global scales. 2022. *Department of Biological Sciences, Auburn University.* Auburn, Alabama.

Species richness in time and space: a phylogenetic and geographic perspective. 2020. *Department of Biological Sciences Seminar, George Washington University.* Washington, D.C.

Species richness in time and space: a phylogenetic and geographic perspective. 2019. *Department of Ecology and Evolution Seminar, Stony Brook University.* Stony Brook, New York.

Species richness in time and space: a phylogenetic and geographic perspective. 2019. *Department of Biology Ecolunch Seminar, Indiana University.* Bloomington, Indiana.

Niche evolution in relation to diversification in tanagers, the largest radiation of songbirds in the Neotropics. 2012. *VertNet Biodiversity Informatics Training Workshop.* Boulder, Colorado.

RESEARCH AND FIELD EXPERIENCE:

Specimen collection and data management – Field Assistant 2016, 2017
Amazon basin, Peru
University of Michigan Museum of Zoology
Field expedition to Los Amigos and Villa Carmen biological stations to sample reptile and amphibian diversity.

Curatorial Assistant – Herpetology 2015, 2016
University of Michigan Museum of Zoology
Curation and maintenance of specimen collections, accessioning of new material.

Specimen collection – Field Assistant April 2015
Great Victoria Desert, Western Australia
University of Michigan Museum of Zoology
Field expedition to Lorna Glen and Shark Bay to sample lizard and snake diversity.

Specimen collection – Field Assistant May-June 2013
Kimberley, Australia
Australian National University
Participated in a field expedition organized by Dr. Craig Moritz of ANU to sample lizard diversity across the Kimberley.

Grinnell Centennial Resurvey Project – Field Assistant June 2009
Southern Sierra Nevada, California
Museum of Vertebrate Zoology, UC Berkeley
Museum expedition member, collected and prepared specimens as part of a 100-year resurvey project.

Specimen collection – Field Assistant May 2009
Mojave Desert, California
Museum of Vertebrate Zoology, UC Berkeley

Museum expedition member on a one week collecting trip to the Granite Mountains Research Station. Collected and prepared specimens, and recorded data.

Specimen collection – Field Assistant April 2009
Guatemala
Museum of Vertebrate Zoology, UC Berkeley
Participated in an expedition to Guatemala to collect tropical salamanders and other herpetofauna, as part of a collaboration with the Biological Natural History Museum of Guatemala City.

Curatorial Assistant – Herpetology Spring 2008 – Summer 2009
Museum of Vertebrate Zoology, UC Berkeley
Assisted herpetology curator in managing the museum collection. Processed specimen loans, carried out tissue subsampling, and prepared reptiles and amphibians to be added to collection.

Research Assistant Spring 2008
Palm Desert, California
Museum of Vertebrate Zoology, UC Berkeley
Gathered data on the mechanism of display diving in the Costa's Hummingbird, at the Boyd Deep Canyon Research Station, Riverside Co.

Research Assistant Spring 2008
Museum of Vertebrate Zoology, UC Berkeley
Diet analysis of western diamondback rattlesnakes for a study of a Southeastern AZ snake community.

Grinnell Centennial Resurvey Project – Field Assistant Summer 2007
Lassen Volcanic National Park, California
Museum of Vertebrate Zoology, UC Berkeley
Conducted point count surveys of birds in Lassen Volcanic National Park over a 6-week period for a hundred-year resurvey.

GIS Curatorial Assistant Fall 2007 – Spring 2009
Museum of Vertebrate Zoology, UC Berkeley
Entered, edited and corrected locality information and data using GIS (Geographic Information Systems) for a database of over 600,000 vertebrate specimens.

Georeferencer – HerpNet Spring 2007
Museum of Vertebrate Zoology, UC Berkeley
Used a variety of electronic mapping programs and gazetteers (Topozone, Google Earth, Terrain Navigator, USGS maps) to determine latitude, longitude, and maximum error of specimen localities for a community-wide online herpetological database.

TEACHING EXPERIENCE:

EEB690: Spatial Analysis in R for ecology & evolution Fall 2024
Stony Brook University
Graduate seminar on spatial analysis for ecological and evolutionary research in R.

Transmitting Science Workshop – lead instructor May 2021
Virtual
Instructor for a 5-day workshop on spatial patterns of biodiversity, with a focus on geographic mapping of geometric morphometric and phylogenetic data. Workshop web link.

BIO211: Statistics and Data Analysis – A Conceptual Approach Fall 2020 to present
Stony Brook University
Primary instructor for an introductory course in statistics for biologists.

Workshop instructor for field course on field data collection and manipulation November 2017
Los Amigos Biological Station, Peru
Instructor for a module on the manipulation of spatial data in R, with an emphasis on species occurrence records and species range polygons.

Workshop instructor at iDigBio conference June 2017
University of Michigan
Instructor for a hands-on workshop entitled *Automated species range map construction through aggregated global museum records* at the inaugural Digital Data in Biodiversity Research Conference.

EEB390: Evolutionary Biology – Graduate Student Instructor Spring 2013/2014
University of Michigan
Led class discussions covering lecture material as well as scientific literature.

Introductory R programming workshop Fall 2013/2014/2015/2016
University of Michigan
Co-instructor for a one-day workshop for incoming graduate students, introducing programming basics in R.

EEB372: General Ecology Lab – Graduate Student Instructor Fall 2012
University of Michigan
Lab instructor for general ecology. Goals of the coarse were to teach students to formulate hypotheses, design and conduct experiments, collect and analyze data, and present the results.

Introduction to Evolutionary Analyses with R Workshop – Co-instructor Summer 2012
San Diego State University
In conjunction with co-instructor Nicholas Mason, designed and implemented a three day workshop that introduced students to the basic skills needed to read data sets, manipulate phylogenies, and carry out comparative analyses within the R programming environment.

Biol509: Evolutionary Biology – Guest Lecturer Spring 2012
San Diego State University
Lecture and associated class discussion on the study of climatic niches in an evolutionary context.

Biol212: Human Anatomy Lab – Teaching Associate Fall 2009 – Spring 2012
San Diego State University
Laboratory instructor for human anatomy lab. Duties included teaching from models, charts, cadavers, mentoring undergraduate teaching assistants, lab set up, and dissections.

Biol524: Ornithology – Field Teaching Associate Spring 2011
San Diego State University
Instructed students on bird identification through sight and sound in the field.

SPECIAL SKILLS:

Programming Skills:

R programming language & package development
Python programming language
familiarity with high performance computing clusters
LaTeX typesetting language

ESRI ArcGIS and ArcPy

Language Skills:

French – Fluent in reading, writing, and speaking.
English – Native speaker.

SERVICE & OUTREACH:

Reviewer for: *American Naturalist*, *Anais da Academia Brasileira de Ciencias*, *BMC Evolutionary Biology*, *Diversity*, *Ecography*, *Ecology Letters*, *Evolution*, *Evolutionary Ecology*, *Folia Zoologica*, *Global Ecology & Biogeography*, *Journal of Animal Ecology*, *Journal of Biogeography*, *Molecular Ecology*, *Nature Ecology & Evolution*, *Proceedings of the Royal Society B*, *Systematic Biology*.

Associate Editor for Methods in Ecology & Evolution (2025 -)

Society Memberships:

Ecological Society of America
International Biogeography Society
Society of Systematic Biologists
Society for the Study of Evolution
Herpetologists' League
American Society of Ichthyologists and Herpetologists
American Ornithologists Union

University Service:

SBU E&E – Member of search committee 2024-2025
E&E Genomics in a Changing World faculty position.

Hosted/organized 4-day **workshop** on phylogenetic comparative methods in January 2024 that included graduate students from E&E, Anthropology and Anatomy (instructors Liam Revell and Luke Harmon).

SBU E&E – Member of search committee 2023-2024
E&E/IACS Computational Biodiversity and Climate Change faculty position.

SBU E&E – PhD admissions committee 2023-2024

SBU E&E – Member of Darwin Day Committee 2023-2025
Part of organizing committee tasked with inviting a special speaker for Darwin Day.

SBU E&E – Member of search committee 2022
Search for CAS data manager for Centre ValBio, Madagascar, headed by Andreas Konig.

SBU CAS Working group Fall 2021/Spring 2022
Member of the College of Arts & Science working group on data literacy.

SBU E&E – member of social media committee 2020 -
Promoted department news on social media.

SBU E&E Dissertation committees

Thomas Bertino	Fall 2024 -
Kaylee Johnson	Fall 2024 -
Raisa Rizzieri	Fall 2023 -
Megan Wyatt	Fall 2023 -
Chelsi Napoli	Fall 2022 -
Anna Thonis	Spring 2023 - Spring 2024
Michael Wethington	Fall 2020 - Fall 2024

Title lab members

Anna Wilkinson [PhD student]	2024 -
Leroy Núñez [Postdoctoral researcher]	2024 -

Outreach:

Science on Tap, Bloomington IN 2018
Panelist to discuss climate change research with the general public.

Great Lakes regional competition for the National Ocean Science Bowl 2015-2017
Volunteer

University of Michigan EEB Executive Committee 2015, 2016
Elected as student representative on the executve committee.

Workshop Instructor March 2015
Ran a short module on integrating GIS and R, University of Michigan.

Workshop Instructor September 2014
Co-taught an introductory R workshop at the joint meeting of AOU, COS and SCO in Estes Park, CO.

Workshop Instructor August 2013 - 2016
Co-taught a 1-day introductory R workshop for incoming graduate students in UM EEB.

UMMZ events
Participated in ID day and behind-the-scene events as a herpetology expert for the general public.

University of Michigan EEB Student Committee 2014, 2015
Elected as student representative on the seminar committee.

Co-Chair, Evolutionary Biology and Ecology Seminar Series Student Committee Spring 2011
San Diego State University

Science Olympiad Assistant Event Captain – Ornithology February 2010, February 2011
Science competition for high school students, ornithology event.

Session Assistant 2010

Served as a Session Assistant during the joint meeting of the SSEB, SSB, and ASN meeting in Portland, Oregon and during the joint meeting of the AOU, COS, and CSO meeting in San Diego, California.

Mentoring:

Stony Brook University Honors College
Thesis mentor for undergraduates in the SBU WISE Honors College:
Vandana Menser (2023-2024)
Jessica Moylan (2024-2025)

University of Michigan SNRE BEAR Program 2014, 2015
Graduate student mentor for the Program in the Environment.

Research Assistants 2011
Trained and mentored 3 undergraduate and/or volunteer research assistants in georeferencing methods for my MSc thesis. Mentees: Matthew Faughender, Ryan House, Sarah Tuley.