

# KINSEY M. BROCK, Ph.D.

National Science Foundation Postdoctoral Research Fellow in Biology  
 Museum of Vertebrate Zoology  
 University of California, Berkeley  
 kbrock@berkeley.edu  
 www.kinseybrock.com

## EDUCATION

---

Ph.D. 2021	Quantitative and Systems Biology Concentration in Ecology and Evolutionary Biology University of California, Merced
M.S. 2013	Conservation Ecology School of Natural Resources and Environment University of Michigan, Ann Arbor
B.S. 2011	Program in the Environment College of Literature, Science, and the Arts University of Michigan, Ann Arbor
B.A. 2011	Art & Design School of Art & Design University of Michigan, Ann Arbor

## ACADEMIC POSITIONS

---

Post-doc 2021-24	NSF Postdoctoral Research Fellow in Biology University of California, Berkeley, USA National & Kapodistrian University of Athens, Greece
---------------------	--

## PUBLICATIONS

---

‡ Indicates co-first/co-senior authorship

\* Indicates mentored undergraduate student

\*\* Indicates mentored graduate student

\*\*\* Indicates mentored postdoc

[13] \*Thompson, A., \*\*Kapsanaki, V., Liwanag, H.E.M., Pafilis, P., Wang, I.J., and Brock, K.M. Some like it hotter: differential thermal preferences among intraspecific lizard color morphs. *Journal of Thermal Biology*, in press.

[12] Brock, K.M., Chelini, M.C., \*Madden, I., \*Ramos, C., \*Aytton, C., Blois, J., Pafilis, P., Edwards, and D.L. 2022. Morph identity predicts social behavior and contest outcomes in a polymorphic lizard (*Podarcis erhardii*). *Animal Behaviour*, 191: 91-103.

[11] **Brock, K.M.**, McTavish, E.J., and Edwards, D.L. 2022. Color polymorphism is a driver of diversification in the lizard family Lacertidae. *[Systematic Biology](#)*, 71: 24-39.

[10] **\*\*Stadler, S.R., Brock, K.M.**, Bednekoff, P., and Foufopoulos, J. 2022. More and bigger lizards on islands with more resources. *[Journal of Zoology](#)*, in press.

[9] **Brock, K.M., \*Madden, I.E., \*Rosso, A.A., \*Ramos, C., \*Degen, R., \*Stadler, S.R., \*Ayton, C., \*Fernandez, M.E.L., and \*Reyes-Servin, J.** 2022. Patterns of color morph diversity across populations of the Aegean wall lizard (*Podarcis erhardii*). *[Herpetology Notes](#)*, 15: 361-363.

[8] **Brock, K.M.**, and **\*Madden, I.E.** 2022. Morph-specific differences in escape behaviors in a color polymorphic lizard. *[Behavioral Ecology and Sociobiology](#)*, 76(7): 1-9.

[7] **\*\*BeVier, G.T., \*Ayton, C., and Brock, K.M.** 2022. It ain't easy being orange: lizard colour morphs occupying highly vegetated microhabitats suffer greater ectoparasitism. *[Amphibia-Reptilia](#)*, 1: 1-11.

[6] Chelini, M.C., **Brock, K.M.**, Yeager, J.D., and Edwards, D.L. 2021. Environmental drivers of sexual dimorphism in a lizard with alternative mating strategies. *[Journal of Evolutionary Biology](#)*, 34(8): 1241-1255.

[5] **\*BeVier, G.T., Brock, K.M.**, and Foufopoulos, J. 2021. Life on an island: the effects of insularity on the ecology and home range of the Aegean Wall Lizard (*Podarcis erhardii*). *[Herpetological Conservation & Biology](#)*, 16(2): 394-404.

[4] **Brock, K.M.**, Baeckens, S., Donihue, C.M., Martín, J., Pafilis, P., and Edwards, D.L. 2020. Trait differences among discrete morphs of a color polymorphic lizard, *Podarcis erhardii*. *[PeerJ](#)*, 8(2020): e10284.

[3] Belasen, A., **Brock, K.M.**, Li, B., Chremou, D., Valakos, E., Pafilis, P., Sinervo, B., and Foufopoulos, J. 2016. Fine with heat, problems with water: microclimate alters water loss in a thermally adapted insular lizard. *[Oikos](#)*, 126(3): 447-457.

[2] Donihue, C.M., **Brock, K.M.**, Foufopoulos, J., and Herrel, A. 2015. Feed or Fight: Testing the impact of food availability and intraspecific aggression on the functional ecology of an island lizard. *[Functional Ecology](#)*, 30(4): 566-575.

[1] **Brock, K.M.**, Pafilis, P., Bednekoff, P., and Foufopoulos, J. 2015. Evolution of antipredator defenses in an island lizard species, *Podarcis erhardii* (Reptilia: Lacertidae): the sum of all fears? *[Evolution](#)*, 69(1): 216-231.

#### *Natural history publications*

**\*Patharkar, T., \*\*Van Passel, L., and Brock, K.M.** 2022. Eat or be eaten? An observation of *Podarcis erhardii* consuming *Scolopendra cingulata* from Andros island, Cyclades, Greece. *[Herpetozoa](#)*, 35: 209-212.

**\*\*Degen, R., and Brock, K.M.** 2021. Rare behavioral observations of *Macrovipera schweizeri* from Sifnos island, Greece. [Herpetology Notes](#), 14: 1357-1360.

**\*Madden, I.E., and Brock, K.M.** 2018. Extreme records of cannibalism in a widely-distributed lizard species, *Podarcis erhardii*. [Herpetology Notes](#), 11: 291-292.

**\*Rosso, A., Brock, K.M., and Fougopoulos, J.** 2017. A new distribution record of the Javelin Sand Boa (*Eryx jaculus turcicus*) from Kinaros Island, Dodecanese, Greece. [Herpetozoa](#), 31: 86-88.

**\*Mossman, A., \*Culhane, K., \*Miller, Z., Brock, K.M., Pafilis, P., and Donihue, C.M.** 2016. An extreme new record of *Natrix natrix* (Linnaeus, 1758) from a Mediterranean islet in Greece. [Herpetozoa](#), 29: 107-109.

**Brock, K.M., Donihue, C. M., and Pafilis, P.** 2014. New records of frugivory and ovophagy in *Podarcis* lizards from East Mediterranean Islands. [North-western Journal of Zoology](#), 10: 223-225.

**Brock, K.M., Belasen, A., and Fougopoulos, J.** 2014. (*Podarcis erhardii* Erhard's wall lizard). Bifurcated tail post-autotomy. [Herpetological Review](#), 45(2): 332.

#### *Manuscripts currently under peer-review*

‡McLaughlin, J.F., ‡**Brock, K.M.**, and Lipshutz, S. Multivariate models of animal sex: breaking binaries leads to a better understanding of ecology and evolution. *Integrative and Comparative Biology*, Invited Special Issue on Sex Diversity and Variation.

Fougopoulos, J., **\*\*Zhao, Y., Brock, K.M., Pafilis, P., and Valakos, E.D.** Predation risk, and not shelter or food availability, is the main determinant of reproduction investment in an island lizard.

McLaughlin, J.F., Aguilar, C., Bernstein, J., Navia-Gine, W.G., Cueto-Aparicio, L.E., Alarcon, A.C., Alarcon, B.D., Collier, R., Takyar, A., Vong, S.J., Lopez, O., Driver, R., Loaiza, J.R., De Leon, L., Saltonstall, K., Lipshutz, S., Arcila, D., **Brock, K.M.**, and Miller, M.J. Comparative phylogeography reveals widespread cryptic diversity driven by ecology in Panamanian birds.

#### *Manuscripts in preparation (draft available upon request)*

**\*Mandavilli, D., Wang, I.J., and Brock, K.M.** Morph differences in aggression in a color polymorphic lizard.

**Brock, K.M., \*\*Bishop, A., Pauly, G.B., and Putman, B.J.** Life on the edge: behavioral shifts at the leading edge in a rapidly spreading population of introduced urban lizards.

**Brock, K.M.**, and Bednekoff, P. The town lizard and the country lizard: relaxed predator avoidance behavior in urban lizards.

Amer, A., Spears, S., Vaughn, P.L., McQueen, W., Schill, A., Reichard, D., ‡**Brock, K.M.**, and ‡Gangloff, E.J. Physiological phenotypes differ among color morphs in introduced populations of the common wall lizard, *Podarcis muralis*.

Roussos, S., **Brock, K.M.**, Strachinis, I., and Fougopoulos, J. A Review of the herpetofauna of the Sporades islands, Greece.

## **HONORS, AWARDS, AND FELLOWSHIPS**

---

- 2022            Society for the Study of Amphibians and Reptiles Metallinou Postdoc Travel Award
- 2021-24        Postdoctoral Research Fellowship in Biology  
National Science Foundation (U.S.)**
- 2021            Carol Tomlinson-Keasey Award,  
University of California, Merced  
*Awarded to one graduate whose influence, ideals and activities have left a lasting, positive impression on the institution and raises the standard of excellence for future generations*
- 2021            Invited Speaker, International Herpetological Symposium**
- 2020-21        President's Dissertation Year Fellow, University of California**
- 2020            University of California Outstanding Student Leadership Award  
*For RadioBio, a science communication podcast*
- 2020            Best Teaching Practice Award (Carson House curriculum)  
California Higher Education Sustainability Conference**
- 2018-20        Carson House Living Learning Community Teaching Fellow
- 2019            Ford Foundation Dissertation Fellowship  
*Honorable Mention*
- 2018            William Shadish Research & Teaching Excellence Fellowship  
University of California, Merced
- 2018            Student Organization President of the Year (RadioBio & W-STEM)
- 2018            Ford Foundation Pre-Doctoral Fellowship  
*Honorable Mention*

- 2017-18 Faculty Mentor Fellow  
University of California, Merced
- 2017 Fred & Mitzie Ruiz Fellowship  
University of California, Merced
- 2017 Women's Programs Outstanding Graduate Student Award  
University of California, Merced
- 2017 Southern California Edison Fellow
- 2017 School of Natural Sciences Dean's Distinguished Scholar Fellow  
University of California, Merced
- 2016 National Geographic Explorer**
- 2016 Sigma Xi Scientific Honor Society (Full Member)
- 2013 International Institute Graduate Research Fellow  
University of Michigan
- 2011-13 Envoys Diversity Fellow, School of Natural Resources & Environment  
University of Michigan
- 2011 Outstanding Academic Scholar Fellowship  
School of Natural Resources & Environment  
University of Michigan
- 2010 Donald R. Shephard Leadership Award Scholarship  
Michigan Marching Band  
University of Michigan
- 2009 Global Intercultural Engagement for Undergraduates Scholar  
The Hope Project - New Delhi, India  
University of Michigan

## RESEARCH GRANTS

---

**27 grants, totaling \$336,635**

*\*indicates mentored student*

- 2021 Postdoctoral Research Fellowship in Biology, National Science Foundation  
\$207,000**
- 2021 College of Natural Resources Mentored Student Travel Awards (4), Internship Grants (2), and Student-Initiated Research Project (1)  
(\*D. Mandavilli, \*S.L. Nouth, \*T. Patharkar, \*A. Thompson)

- University of California, Berkeley  
\$9,500
- 2021 Undergraduate Research Apprenticeship Program Summer Research Internship  
Grant (\**Q.J. Sun*)  
University of California, Berkeley  
\$3,500
- 2020 UC Merced Graduate Division, Research Fund  
\$5,000
- 2019 \*ASUCM Undergraduate Research Grant (\**C. Ayton*)  
University of California, Merced  
\$1,000
- 2019 Lewis & Clark Exploration Fund, American Philosophical Society  
\$5,000**
- 2019 \*John Muir Research Grant (*S. Stadler*), University of Michigan  
\$4,000
- 2019 \*Modern Greek Research Fellowship (*S. Stadler*), University of Michigan  
\$1,200
- 2019 Southern California Edison Fund, University of California, Merced  
\$13,065
- 2018 Graduate Student Research Award, Society of Systematic Biologists  
\$1,500**
- 2018 Natural History Grant, International Herpetological Symposium  
\$1,000
- 2018 Grants in Herpetology, Society for the Study of Reptiles and Amphibians  
\$500
- 2018 \*ASUCM Undergraduate Research Grant (*I. Madden*),  
University of California, Merced  
\$1,000
- 2016 National Geographic Explorer Grant, National Geographic Society  
\$15,000**
- 2016 Texas EcoLab Research Grant (Co-PI)  
\$13,955

- 2016 Southern California Edison Fund, University of California, Merced  
\$13,065
- 2016 Rosemary Grant Award, Society for the Study of Evolution  
\$2,500**
- 2016 Summer Research Fellowship, University of California, Merced  
\$2,500
- 2016 \*ASUCM Undergraduate Research Grant (*I. Madden*),  
University of California, Merced  
\$1,000
- 2016 Leadership Award, Quantitative & Systems Biology Grad Program  
University of California, Merced  
\$500
- 2013 International Institute Individual Fellowship, University of Michigan  
\$4,350
- 2013 Rackham Graduate School International Conference Grant,  
University of Michigan  
\$1,000
- 2012 School of Natural Resources & Environment Research Grant,  
University of Michigan  
\$1,000
- 2012 Rackham Graduate School Research Grant, University of Michigan  
\$1,500
- 2012 Museum of Zoology Walker Fund, University of Michigan  
\$2,000
- 2012 International Institute Research Award, University of Michigan  
\$5,000
- 2011 Diversity Envoy Fellow Award, University of Michigan  
\$20,000**

## **OUTREACH AND SERVICE FUNDING**

---

*10 grants, totaling \$6,781*

- 2019 University Friends Circle Community Engagement Award  
*For RadioBio outreach in Merced, CA*  
\$1,000

- 2019 UC Merced Graduate Student Organization Fund  
*For RadioBio & SACNAS Diversity Seminar*  
\$100
- 2018 UC Merced Student Union Fund  
*For RadioBio & SACNAS Diversity Seminar*  
\$1,990
- 2018 UC Merced Inter-Club Council Fund  
*For Women in STEM Scientific Computing Workshop*  
\$336
- 2018 UC Merced Inter-Club Council Fund  
*For RadioBio & SACNAS Diversity Seminar*  
\$405
- 2018 UC Merced Graduate Student Association Fund  
*For RadioBio Presents: ValleyBio – community art & science event in downtown Merced*  
\$350
- 2017 UC Merced Graduate Division  
*Awarded by the Dean, for RadioBio science outreach in Merced*  
\$500
- 2017 UC Merced School of Natural Sciences  
*Awarded by the Dean, for RadioBio science outreach in Merced*  
\$700
- 2016 UC Merced Quantitative & Systems Biology  
*RadioBio science communication start-up funds*  
\$1,000
- 2016 UC Merced Graduate Student Organization Fund  
*For Women in STEM Mentorship Program programming*  
\$400

## TEACHING

---

### *Instructor of Record*

- 2018-20 Carson House: Sustainable Futures Living Learning Community (USTU10)  
University of California, Merced

### *Courses created or co-created*

- 2018-20 Carson House: Sustainable Futures Living Learning Community (USTU10)



University of California, Merced

**Research Credit Supervision**

- 2022-23 College of Natural Resources Honors Thesis (T. Patharkar)  
(H175A/H175B)  
University of California, Berkeley
- 2021-23 College of Natural Resources Sponsored Projects for Undergraduate Research  
(D. Mandavilli, S.L. Nouth, T. Patherkar, S. Ahlich, A. Pohlo, C. Sparrow, D.  
Stroud)  
(SPUR)  
University of California, Berkeley
- 2021-22 Undergraduate Research Apprenticeship Program (Q.J. Sun)  
(URAP)  
University of California, Berkeley

**Teaching Assistant**

- 2016 Evolution (BIO141)  
University of California, Merced
- 2015-16 Introductory Biology (BIO100)  
University of California, Merced
- 2013 Conservation Biology (ENVIRON317)  
University of Michigan
- 2012-13 Ecological Issues (ENVIRON201)  
University of Michigan
- 2011-12 Michigan Marching Band (ENS348)  
University of Michigan

**Pedagogy Instruction**

- 2017 Assessment as Pedagogy & Planning Learning Community  
University of California, Merced
- 2013 Graduate Teaching Assistant Mentor  
School of Natural Resources & Environment  
University of Michigan

**Pedagogy Training**

- 2019 Mental Health First Aid in Higher Education
- 2015-17 Center for Engaged Teaching and Learning (CETL) Instructional Internship  
Assessment as Pedagogy and Planning Learning Community

- 2016  
Graduate Instructional Training (CETL UC Merced)
- 2016
- 2016  
Developing Teaching Strategies (CETL UC Merced)
- 2015  
Mastering the Classroom with First Generation College Students (CETL UC Merced)
- 2015  
Improving Teaching by Assessing Learning (CETL UC Merced)

## **CERTIFICATIONS**

---

- 2019-24  
Wilderness First Aid
- 2019  
Mental Health First Aid
- 2016  
Graduate Instructional Training, UC Merced
- 2015  
Mastering the Classroom with 1<sup>st</sup> Generation College Students, UC Merced
- 2015  
Developing Teaching Strategies, UC Merced
- 2015  
Improving Teaching by Assessing Learning, UC Merced
- 2013  
Graduate Teaching Certificate, University of Michigan

## **UNIVERSITY GUEST LECTURES**

---

- Evolution (2022)  
BIOL 470 – Trait evolution across an island archipelago, University of Hawaii at Manoa
- Evolution (2021)  
BIOL 470 – Evolving in Isolation, University of Hawaii at Manoa
- Island Biology (2021)  
BIOL 481 – Evolution in Isolation: The Aegean Archipelago, University of Hawaii at Hilo
- Conservation Biology (2018)  
BIO 149 – Invasive Species, University of California, Merced
- Conservation Biology (2018)  
BIO 149 – Climate Change, University of California, Merced
- Coevolution (2016)  
BIO 141 – Evolution, University of California, Merced
- Natural and Sexual Selection in the Speciation Continuum (2016)  
BIO 141 – Evolution, University of California, Merced
- Megafaunal Extinctions in the Pleistocene (2013)  
ENVIRON317 – Conservation Biology, University of Michigan
- Sustainable Food Systems (2012)  
ENVIRON201 – Ecological Issues, University of Michigan

## **INVITED TALKS AND SEMINARS**

---

- University of California, Berkeley – Museum of Vertebrate Zoology Herpetology Group  
Seminar

- March 20, 2023. “It’s a wallie’s world: lizards from islands, volcanoes, ancient ruins, and modern mega cities”  
Cornell University – Ecology and Evolutionary Biology Department Seminar  
March 17, 2023. “It’s a wallie’s world: urban adaptation in wall lizards from ancient Greece to modern mega cities”  
California State University, San Diego – Biology Department Seminar  
February 6, 2023. “It’s a wallie’s world: urban adaptation in wall lizards from ancient Greece to modern mega cities”  
Ohio Wesleyan University – Biology Department Seminar  
September 27, 2022. “Causes and Consequences of Color Polymorphism”  
University of California, Berkeley – Museum of Vertebrate Zoology Seminar  
March 9, 2022. “Causes and Consequences of Color Polymorphism”  
California Polytechnic State University – Biology Department Seminar  
October 22, 2021. “Causes and Consequences of Color Polymorphism”  
International Herpetological Symposium  
July 21, 2021. Rodeo, New Mexico. “Evolving in Isolation: Population Divergence In An Island Lizard Color Polymorphism”  
American Philosophical Society – Public Seminar Series  
September 8, 2020 (Virtual). “Evolving in isolation: Aegean wall lizards”  
International *Podarcis* Meeting  
July 14, 2020 (Virtual). “The evolution of color morphs within and among species”  
Eastern Michigan University – Biology Department Seminar  
December 3, 2019. “Causes and consequences of color polymorphism at multiple evolutionary scales”  
Istituto Madre Cabrini di Milano  
July 5, 2019. Naxos, Greece. “The evolution of color in Aegean Wall Lizards”  
Rotary Club of Merced Sunrise – Rotary International  
January 11, 2019. “Drivers of divergence: Using colorful lizards in the Greek islands to understand evolution, divergence, and speciation”  
University of California, Merced – EnviroLunch Seminar  
April 19, 2019. “Orange lizard, white lizard, yellow lizard, one lizard: The evolution of multiple color morphs within species”  
California State University, Stanislaus – Biology Department Seminar  
April 5, 2019. “Orange lizard, white lizard, yellow lizard, one lizard: the evolution of color morphs within species”

## CONFERENCES

---

\* *Indicates mentored student*

† *Indicates co-first authorship*

### *Conference Presentations*

- Brock, K.M.** 2022. Graduate Research Award Talk Finalist. Joint Meeting of Ichthyologists and Herpetologists. Spokane, WA.
- Brock, K.M.** 2021. Morph identity predicts social behavior and contest outcomes in a color polymorphic lizard, *Podarcis erhardii*. Joint Meeting of Ichthyology and Herpetology. Virtual.

- Brock, K.M.** 2021. Causes and consequences of color polymorphism: from micro to macroevolution. *Evolution* 2021. Virtual.
- Brock, K.M.** 2021. The evolution of color polymorphism across evolutionary scales, from populations to a family of species. International Herpetological Symposium 2021. Rodeo, NM.
- Brock, K.M.,** McTavish, E.J., Edwards, D.L. 2020. The evolution of color polymorphism in the Lacertidae. Society of Systematic Biologists 2020. Gainesville, FL.
- Brock, K.M.,** Boria, R., Yeager, J., Edwards, D.L. 2018. The evolution of sexual dichromatism in Australian agamids. Quantitative & Systems Biology Retreat. Merced, CA.
- Brock, K.M.,** Yeager, J., Edwards, D.L. 2018. The evolution of niche breadth and pattern complexity in Australian agamids. Meeting of the American Society of Naturalists. Asilomar, CA.
- Brock, K.M.,** Pafilis, P., Bednekoff, P., Foufopoulos, J. 2013. Erosion of anti-predator defenses in a multi-predator environment. Meeting of the Zoological Society of Israel. Tel Aviv, Israel.
- Brock, K.M.,** Pafilis, P., Bednekoff, P., Foufopoulos, J. 2013. 'Erosion of anti-predator defenses in an insular lizard species (*Podarcis erhardii*).' 2013. School of Natural Resources & Environment Capstone Conference. Ann Arbor, MI.

### **Conference Posters**

- \**Ayton, C., Brock, K.M.* Ectoparasite loads differ in discrete color morphs in Aegean Wall Lizards (*Podarcis erhardii*). 2020. UC Merced Research Week. Merced, CA.
- Brock, K.M.,** Edwards, D.L. The evolution of color polymorphism at multiple evolutionary scales. *Evolution* 2019. Providence, RI.
- \**Madden, I., Brock, K.M.,* Ramos, C., Edwards, D.L. An Investigation into the Possibility of Correlational Selection Between Color Polymorphism and Anti-Predator Behavior in Aegean Wall Lizards. 2019. UC Merced Research Week. Merced, CA.
- Brock, K.M.,** Edwards, D. The evolution of color polymorphism in the Lacertidae. *Evolution* 2018. Montpellier, France.
- \**Madden, I., Brock, K.M.* Lizard Comparative Morphology in a Fragmenting Landscape. 2018. UC Merced Research Week. Merced, CA.
- \**Degen, R., Yeager, J., Brock, K.M.,* Edwards, D.L. 2017. Are male *Uta stansburiana* more conspicuous than females? UC Merced UROC. Merced, CA.
- Brock, K.M.,** Yeager, J., Edwards, D. Generalists and sexual dimorphism: Do species with greater niche breadth exhibit greater sexual dimorphism? *Evolution* 2016. Austin, TX.
- Brock, K.M.,** Yeager, J., Edwards, D. Correlated Evolution of niche breadth and pattern complexity in Australian agamid lizards. 2016. Quantitative & Systems Biology Retreat. Mariposa, CA.
- Brock, K.M.,** Pafilis, P., Bednekoff, P., Foufopoulos, J. Evolution of anti-predator behavior in an island lizard species, *Podarcis erhardii*. 2014. School of Natural Resources & Environment Capstone Conference. Ann Arbor, MI.
- Brock, K.M.,** Pafilis, P., Bednekoff, P., Foufopoulos, J. Evolution of anti-predator defenses across the Greek Archipelago. 2014. Gordon Research Conference – Predator-Prey Interactions. Ventura, California.

- Belasen, A., **Brock, K.M.**, Li, B., Pafilis, P., Foufopoulos, J. 2012. 'Thermal ecology in island populations of the Aegean wall lizard *Podarcis erhardii*'. 12<sup>th</sup> Mediterranean ICZEGAR. Athens, Greece.
- Li, B., Bednekoff, P., **Brock, K.M.**, Belasen, A., Pafilis, P., Valakos, E., Foufopoulos, J. 2012. Effects of feral cats on the evolution of antipredator behaviors in the Aegean wall lizard *Podarcis erhardii*'. World Congress of Herpetology. Vancouver, B.C., Canada.
- Brock, K.M.**, Pafilis, P., Bednekoff, P., Foufopoulos, J. Evolution of anti-predator defenses in an insular lizard species, (*Podarcis erhardii*). 2013. 9<sup>th</sup> Annual Early Career Scientists Symposium. Ann Arbor, MI.

### **Conference Service**

Joint Meeting of Ichthyologists and Herpetologists 2022

Organizer – Herp League & Society for the Study of Amphibians and Reptiles Student Social

Evolution 2020

Organizer – Evolution Community Resources for Early Career Researchers  
Organizer & Co-host – SSB ECR Fireside Chat

Society of Systematic Biologists 2020

Organizer – Student Social

Evolution 2019

Volunteer – Safe Evolution

## **MENTORING ACTIVITIES**

---

### **32 Undergraduate Students**

*\* Indicates research mentorship that resulted in published manuscript(s)*

- |           |   |
|-----------|---|
| 2012      | Mary White, University of Michigan<br>Field Assistant   |
| 2013      | Joseph Robert Joslin, University of Michigan<br>Field Assistant   |
| 2014      | <i>*Angus Mossman</i> , Yale University<br>Field Assistant  |
| 2014      | <i>*Kate Culhane</i> , Yale University<br>Field Assistant   |
| 2014      | <i>*Zachary Miller</i> , Yale University<br>Field Assistant   |
| 2015      | I Co-founded UC Merced Women in Science, Technology, Engineering, and Math Mentorship Program   |
| 2016-2018 | Noella Bih, UC Merced<br>W-STEM mentee, SACNAS mentee Society for the Advancement of Chicanos/Hispanics and Native Americans in Science |
| 2016-2017 | <i>*Adam Andres Rosso</i> , UC Merced<br>Field Assistant  |
| 2016-2018 | <i>*Indiana Madden</i> , UC Merced<br>Field Assistant, Lab assistant, W-STEM mentee   |
| 2016-2018 | <i>*Cynthia Ramos</i> , UC Merced   |

- 2016-2019 Field Assistant, W-STEM mentee  
\*Robert Degen, UC Merced
- 2018-2020 Field Assistant, Lab assistant  
\*Cole Ayton, UC Merced
- 2018-2019 Field Assistant, Lab Assistant  
Austin John Escobar, UC Merced  
Carson House Living Learning Community Ambassador, Doris Duke  
Conservation Scholar
- 2018-2019 Stephanie Ross, UC Merced  
Carson House Living Learning Community Ambassador
- 2019-2021 \*Shelby Stadler, University of Michigan  
Field Assistant, M.S. thesis student
- 2019-2020 Eddie Phosalath, UC Merced  
Carson Club President, mentee
- 2019-2020 \*Jazmin Reyes, UC Merced  
Lab Assistant, mentee
- 2019-2020 \*Mindy Fernandez, UC Merced  
Lab Assistant, mentee
- 2019-2020 Tacoria Perry, UC Merced  
Carson House Living Learning Community Ambassador
- 2019-2020 Kayla Coubal, UC Merced  
Carson House Living Learning Community Ambassador
- 2019-2020 Elizabeth McDonald, UC Merced  
Lab Assistant
- 2020-2022 \*Graham BeVier, U Michigan  
Research Mentee
- 2020-2021 Ashley Valdez, UC Merced  
SACNAS mentee, Society for the Advancement of Chicanos/Hispanics and  
Native Americans in Science
- 2020-2021 Perla Martos, UC Merced  
SACNAS mentee, Society for the Advancement of Chicanos/Hispanics and  
Native Americans in Science
- 2021-2022 Qi Jia Sun, UC Berkeley  
URAP mentee, Undergraduate Research Apprenticeship, Lab Assistant, Field  
Assistant
- 2021- \*Tanmayi Patharkar, UC Berkeley  
SPUR mentee, Sponsored Project for Undergrad Research, Lab Assistant, Field  
Assistant, undergraduate thesis student
- 2021- Dhruthi Mandavilli, UC Berkeley  
SPUR mentee, Sponsored Project for Undergrad Research, Lab Assistant, Field  
Assistant
- 2021- Serey Leakna Nouth, UC Berkeley  
SPUR mentee, Sponsored Project for Undergrad Research, Lab Assistant, Field  
Assistant
- 2022- \*Asher Thompson, UC Berkeley  
SPUR mentee, Sponsored Project for Undergrad Research, Field Assistant

- 2022- Annika Pohlo, UC Berkeley  
URAP mentee, Undergraduate Research Apprenticeship, Lab Assistant
- 2022- Claudia Sparrow, UC Berkeley  
SPUR mentee, Sponsored Project for Undergrad Research  
College of Natural Resources Faculty Advisor
- 2022- David Stroud, UC Berkeley  
SPUR mentee, Sponsored Project for Undergrad Research
- 2022- Sara Ahlich, UC Berkeley  
SPUR mentee, Sponsored Project for Undergrad Research

### **7 Graduate Students**

*\* Indicates research mentorship that resulted in published manuscript(s)*

- 2016-2017 Craig Ennis, UC Merced  
GradEXCEL Peer Mentor Program
- 2016-2017 Graham Larue, UC Merced  
GradEXCEL Peer Mentor Program
- 2017-2018 Lesly Lopez, UC Merced  
GradEXCEL Peer Mentor Program
- 2017-2018 Diego Lopez, UC Merced  
GradEXCEL Peer Mentor Program
- 2020 Adam Rosso, Georgia Southern University  
Research Mentor
- 2019-2021 *\*Shelby Stadler*, University of Michigan  
M.S. Thesis Committee Member, Master's Thesis Co-advisor
- 2022 Anusha Bishop, University of California, Berkeley  
Field research and specimen measurement

## **SCIENCE OUTREACH AND COMMUNICATION**

---

### ***Society Outreach***

Early Community Resources for Early Career Researchers (ECR2)

A virtual Evolution 2020 Conference made by and for early career evolutionary biologists due to COVID-19. As SSB council representative, collaborated with graduate council members of Society for the Study of Evolution and American Society of Naturalists to deliver a conference experience with plenary on African Americans in Evolutionary Science, grant and coding workshops, career panels, and networking opportunities.

Society of Systematic Biologists Student Highlights

A social media campaign to highlight the diversity and scholarship of SSB student members.

### ***Interviews and Media Coverage of Scientific Activities***

Interviewed by Jolyon Sutcliffe. *Animals Behaving Badly*. Television Program. British Broadcasting Company (BBC). July 2017 – Naxos, Greece. Aired on BBC in UK Summer 2018, PBS in US Spring 2018.

Interviewed by Herpetologist's League. *Herpetologist Highlight*. Journal. Herpetologist's League. September 2018 – Merced, CA, United States. Published online December 2018.

### ***Science Communication and Outreach***

California Polytechnic University Career Day

Annual event that exposes undergraduates to career options given their degree. Invited to speak by the Cal Poly Wildlife Club. February 2021.

Dinner with a Scientist at UC Merced

Annual outreach event to expose high school girls in the small town of Mariposa, CA, to local women in science and engage with them intellectually. October 2019.

ValleyBio: A Night of Science, Art, and Music

RadioBio ([www.radiobio.net](http://www.radiobio.net) and [valleybio.info](http://valleybio.info)) community science outreach event. October 19, 2018 at the Merced Multicultural Arts Center.

<https://www.radiobio.net/events/>

Invited Memoir Contributor

Society for the Study of Reptiles and Amphibians – University of Michigan Herpetology Division SSAR 2020 Commemorative Book Project “Letters from Michigan Herpetology”

Founding President, Artist, Producer, and Crew Member of RadioBio podcast

[www.radiobio.net](http://www.radiobio.net)

*Our mission is to increase scientific literacy in the California Central Valley and beyond through biology-themed podcasts that communicate biological research and its societal implications.*

## **SERVICE**

---

- 2022- Society for the Study of Amphibians and Reptiles Student Participation Committee, Social Media Coordinator
- 2021- UC Berkeley UAW 5810 Union of Postdocs Steward
- 2021- Herpetologists League Student Affairs Committee Chair
- 2019-2020 UC Merced Sustainability Council
- 2019-2020 Society of Systematic Biologists Student Council Representative
- 2018-2020 G Street Revolution Trumpet Player (UC Merced Faculty Band)
- 2018-19 UC Merced Quantitative & Systems Biology Graduate Recruitment Committee
- 2018 UC Merced Womxn's Empowerment Conference Committee
- 2016-2020 UC Merced RadioBio Podcast Founder and President
- 2016-2018 UC Merced Grad EXCEL Mentor
- 2016-2020 UC Merced Women in STEM Founder and President
- 2015 UC Merced Women in STEM Mentorship Program Founder
- 2015-2016 UC Merced Women in STEM Steering Committee
- 2015-2016 UC Merced Quantitative & Systems Biology Events Committee
- 2014 Detroit Zoological Society Portal to the Public Lecturer
- 2013-2014 Ann Arbor Natural Areas Preservation Volunteer
- 2013-2014 U. of Michigan Building Environmental Awareness and Relationships Mentor
- 2013 U. of Michigan Herpetology Club Founding Member
- 2012-2013 U. of Michigan SNRE Conservation Ecology Track Leader



2011-2013 U. of Michigan SNRE Envoys Diversity Working Group - Co-President  
2011-2013 U. of Michigan SNRE Scholarship Committee  
2010-2014 Washtenaw County Bird Center Volunteer  
2009-2013 U. of Michigan Cultivating Community Public Garden Steward  
2009-2010 U. of Michigan Marching Band Rank Leader

## SCIENTIFIC SOCIETIES

---

2021- Societas Hellenic Herpetologica  
2021- Societas Europaea Herpetologica  
**Conservation Committee 2021**  
2018- Society of Systematic Biologists  
**Student Council Representative 2019-2020**  
2017-2021 Graduate Women in Science  
2016- Sigma Xi Scientific Research Society  
2016- American Association for the Advancement of Science  
2016- Society for the Study of Evolution  
2012- Herpetologist's League  
**Student Affairs Committee Chair 2021-present**  
2012-2013 Animal Behavior Society  
2012- Michigan Society of Herpetologists  
2011-2013 Ecological Society of America  
2011- Society for the Study of Amphibians and Reptiles  
**Social Media Coordinator 2022-present**