

Sinlan Poo, Ph.D.

Curator of Research

Department of Conservation and Research, Memphis Zoo

Adjunct Assistant Professor

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Professional Positions

CURATOR OF RESEARCH	Memphis Zoo	2022-Present
ADJUNCT ASSISTANT PROFESSOR	Arkansas State University	2019-Present
Director of Conservation	Detroit Zoo	2021 (Declined)
Senior Research Scientist	Memphis Zoo	2021-2022
Research Scientist	Memphis Zoo	2019-2021
Professional Translator: Chinese	Contracted Service for Biological Sciences	2016-2019
Post-doctoral Researcher	Memphis Zoo	2016-2019
Lecturer	National University of Singapore (Singapore)	2016
Research Associate	Sakaerat Enviro. Research Station (Thailand)	2015-Present
Resident Research Guest Lecturer	Sakaerat Enviro. Research Station (Thailand)	2011-2015
Teaching Fellow	National University of Singapore (Singapore)	2010-2015
Field Biologist	Santa Ana Watershed Association	2008-2009
Fish and Wildlife Scientific Aide	California Department of Fish and Game	2007-2008

Education

Ph.D	National University of Singapore – Department of Biological Sciences	2010-2014
B.A.	Boston University – Biology, specialization in Ecology & Conserv. Bio. <i>Summa cum laude</i> , with Distinction	2003-2007
Professional Certification	Smithsonian-Mason School of Conservation	2011-2014
Summer Program	University of Bordeaux (France)	2015

Committee Services

Executive Council, Board of Trustees	The Herpetologists' League	2022-Present
Collections Committee	Memphis Museum of Science and History	2022-Present
Diversity Committee	Herpetological Conservation Biology	2022-Present
Research Committee	Species 360	2021-Present
Advisory Committee	Biodiversity Collections Network (BCoN)	2021-Present
Diversity & Inclusion Committee	Memphis Zoo	2021-Present
Co-Founder & Organizer	Global Women in Herpetology Project	2020-Present
Co-Founder & Organizer	Zoo-Museum Cross-Collections Initiative	2020-Present
Scientific Committee	Society for Conservation Biology, Asian Chapt.	2015-2016

Grants & Funding (Total \$205,986)

NSF-Research Coordination Network	NSF	(\$499,991)	In Review
Donor Scholarship for Graduate Student	Memphis Zoo	\$20,000	2023
Conservation Action Network Grant	Memphis Zoo	\$3,975	2023
Symposium Grant	Herpetologists' League	\$2,000	2022
Symposium Grant	Soc. Study of Amphib.& Rept.	\$1,500	2022
Symposium Grant	Am. Soc. of Ichth. and Herp.	\$1,500	2022
Biological Collections Workshop Grant	Integrated Digitized BioCollections	\$34,500	2022
Conservation Action Network Grant	Memphis Zoo (3 grants)	\$20,631	2022
Conservation Grants Fund (CGF)	Association of Zoos and Aquariums	\$21,644	2021
Conservation Action Network Grant	Memphis Zoo (3 grants)	\$17,335	2021
Biological Collections Workshop Grant	Integrated Digitized BioCollections	\$34,500	2020
Conservation Action Network Grant	Memphis Zoo (2 grants)	\$10,103	2020
Conservation Action Network Grant	Memphis Zoo	\$7,967	2019
Conservation Action Network Grant	Memphis Zoo (2 grants)	\$17,584	2018
Amphibian Taxon Advisory Group Grant	Association of Zoos and Aquariums	\$1,000	2017
Conservation Action Network Grant	Memphis Zoo (2 grants)	\$11,247	2017
Funded Research Opportunities Grant	Boston University	\$500	2007

Selected Current Projects

* Indicates SP was lead P.I. † Indicates student or technician mentored

- Increasing the Impact of Zoo Collections by Connecting Zoos and Natural History Museums***
Collaborators: Dr. Steven Whitfield (Zoo Miami), Dr. Gregory Watkins-Colwell (Yale Peabody Museum), Dr. Alex Shepack (University of Florida), Shelly Grow (AZA)
- Global Women in Herpetology: A collection of 50 stories from 50 countries* (Book)**
Collaborators: Dr. Umilaela Arifin (Universität Hamburg, Germany), Dr. Itzue Wendolin Caviedes-Solis (Swathmore College)
- Wildlife Emergency Medicine: Knowledge Transfer and In Situ Conservation in Sri Lanka***
Collaborators: Dr. Enoka Kudavidanage (Sabaragamuwa University, Sri Lanka), Dr. Felicia Knightly (Memphis Zoo)
- Reintroduction and Monitoring of the Critically Endangered Dusky Gopher Frogs***
Collaborators: Allison Bogisich† (Memphis Zoo), James Lee (The Nature Conservancy), Timothy Brooks (US Army Corps of Engineers), John Tupy (U.S. Fish and Wildlife Service), Steve Reichling (Memphis Zoo).
- Cross-generational Effects of Captivity on Captive-release Amphibians***
Collaborators: Dr. Lori Neuman-Lee (Arkansas State University)
- Escape Hatching Behavior of a Southeast Asian Treefrogs in Thailand***
Collaborators: Dr. Kristina Cohn (Boston University), Karen Candia† (Rhodes College), Dr. Anne Devan-Song (Oregon State University)
- Diet, Distribution, and Demography of Eastern Spadefoot Toads***
Collaborators: Dr. Anne Devan-Song (Oregon State University), Dr. Margarete Walden (USFWS)
- Ectoparasitic Lice of Flamingos: Diversity and Host-sharing in Zoos**
Collaborators: Dr. Andrew Sweet (Arkansas State University), Anna Chaney (Memphis Zoo)

9. **Fungal Diversity in Amphibian Fecal Samples**
Collaborators: Dr. Javier Tabima Restrepo (Clark University), Dr. Anne Devan-Song (Oregon State University)
10. **Health and Demographics of Urban and Wild Red-eared Sliders**
Collaborators: [Jennifer Terry](#)[†] (Arkansas State University), Dr. Lori Neuman-Lee (Arkansas State University), Dr. Virginie Rolland (Arkansas State University)
11. **Bi-Parental Care in an East Asian Amphibian in Taiwan**
Collaborators: Dr. Yeong-Choy Kam (National Tunchai University, Taiwan), Dr. Ming-Feng Chuang (National Chung Hsing University, Taiwan)
12. **Biodiversity Collection Network: Building Community Consensus on the Future of Biodiversity Collections**
Collaborators: Dr. John Bates (Field Museum), Dr. Andrew Bentley (University of Kansas), Dr. Linda Ford (Harvard University), Dr. David Jennings (University of Florida), Dr. Anna Monfils (Central Michigan University), Dr. Jyotsna Pandey (American Institute of Biological Sciences), Dr. Barbara Thiers (New York Botanical Garden), Dr. Jennifer Zaspel (Milwaukee Public Museum), Dr. Nico Franz (Arizona State University), Dr. Talia Karim (University of Colorado), Dr. David Nobles (University of Texas), Dr. Michael Webster (Cornell University), Dr. William Moser (National Museum of Natural History), Dr. Breda Zimkus (Harvard University)

Selected Past Projects

- 2020-2021** **Maximizing the Impact of Reintroductions: Post-Release Survival and Future Projections***
Collaborators: Dr. Anne Devan-Song (Oregon State University), [Allison Bogisich](#)[†] (Memphis Zoo), [Bryan Lynn](#)[†] (Oregon State University), [Mariah Mack](#)[†] (Southern Illinois University Edwardsville), Dr. E. Keith Bowers (University of Memphis, Meeman Biological Station)
- 2019-2022** **Influence of Captive Microhabitat on Tortoise Physiology**
Collaborators: [Alyssa Hartzheim](#)[†] (Arkansas State University), Dr. Lori Neuman-Lee (Arkansas State University)
- 2019-2020** **Conserving Critical Bat Pollinators in Malaysia**
Collaborators: Mary-Ruth Low (Rimba Conservation, Malaysia), Whitney Steinfeld (Memphis Zoo)
- 2019** **Knowledge Transfer: Assisted Reproduction of Amphibians in Ecuador***
Collaborators: Dr. Elena Naydenova (Jambatu Center, Ecuador), Dr. Luis Coloma (Jambatu Center, Ecuador)
- 2019** **Captive Propagation and ‘Community Science’ Field Surveys of the Imperiled Gopher Frog (*Lithobates (Rana) capito*)**
Collaborators: Mark Mendica (The Amphibian Foundation)
- 2018** **Tadpole Behavioral Bootcamp: Increasing the Survival of Captive Amphibians***
Collaborator: [Kristin Hinkson](#)[†] (Memphis Zoo)
- 2018** **Effects of Age and Captive Environment on Sperm Quality in Amphibians**
Collaborators: [Ashley Watt](#)[†] (University of Windsor, Canada), Dr. Ruth Marcec (Detroit Zoo), [Kristin Hinkson](#)[†] (Memphis Zoo), Dr. Trevor Pitcher (University of Windsor, Canada)
- 2017-2018** **Using Dermal Glucocorticoids to Determine the Effects of Disease and Environment on the Critically Endangered Wyoming Toad**
Collaborators: Elizabeth Mack (USFWS), [Kristin Hinkson](#)[†] (Memphis Zoo), Dr. Rachel M. Santymire (Lincoln Park Zoo), Dr. Allison B. Sacerdote-Velat (The Chicago Academy of Sciences), Andrew Gygli (USFWS), Douglas A. Keinath (USFWS)
- 2017** **Hibernation and Spermiation in an Endangered Temperate Amphibian***
Collaborator: [Kristin Hinkson](#)[†] (Memphis Zoo), Edward Stege (Leadville National Fish Hatchery)
- 2016-2019** **U.S.–China Zoo Professional Annual Exchange**
Collaborators (China): Chinese Association for Zoological Gardens, Beijing Zoo, Shanghai

Zoo, Nanjing Zoo, Chengdu Zoo, Xian Zoo, Kunming Zoo, Hangzhou Zoo, Fuzhou Zoo, Taiyuan Zoo, Inner Mongolia Ordos Zoo, Qingdao Forest Safari World, Wuxi Zoo, Shijiazhuang Zoo, Jinan Zoo.

Collaborators (U.S.): AZA, Memphis Zoo, Oklahoma City Zoo, Zoo Atlanta, Georgia Aquarium, National Zoo, Smithsonian Conservation Biology Institute, Woodland Park Zoo, The Wilds, Lincoln Park Zoo, Brookfield Zoo, The Shedd Aquarium.

2016-2019 Amphibian Sperm Cryopreservation *

Collaborator: **Kristin Hinkson[†]** (Memphis Zoo)

2010-2014 Parental Care and Predator-Prey Interactions in an Southeast Asian Amphibian *

Collaborators: Dr. David Bickford (National University of Singapore)

Workshops & Symposia

- 2023 Organizer:** Zoo-Museum Research Symposium. Joint Meeting for Ichth. and Herp.
Organizer: Zoo-Museum Collaboration Panel. AZA Mid-Year Meeting.
- 2022 Organizer:** Bridging Biological Collections between Zoos and Museums. Workshop.
- 2021 Organizer & Host:** Linking and Leveraging Biological Collections: Zoos and Natural History Museums. Workshop.

Selected Invited Talks

- 2023 Soc. for the Preservation of Natural History Collections** – Collections and Conservation Work Within Professional Societies and Organizations Symposium (Talk in May)
Soc. for the Study of Amphib. and Rept. – Pre-College Scholars Program (Talk in May)
Oklahoma State University – Biology Department Seminar (Talk in March)
- 2022 U.C. Berkeley** – Beyond Academia
Washington State University – College of Veterinary Medicine, Aquatics & Wildlife Diseases Association
Zoo Registrar Association – Annual Conference
Swarthmore College – Conservation Biology Class
University of Tennessee – College of Veterinary Medicine
Joint Meeting of Ichth. and Herp. – Diversity, Equity, and Inclusion Symposium
Rhodes College – Global Change Biology Class
Rhodes College – University Seminar Series
Fundación Herpetológica Gustavo Orcés (Ecuador) – Global Women in Herpetology
- 2021 The Amphibian Foundation** – Master in Herpetology Class
- 2020 Universidad San Francisco de Quito (Ecuador)** – University Seminar
Arkansas State University – Biology Department Seminar
- 2019 Jambatu Center for Amphibian Research and Conservation (Ecuador)** – Assisted Reproduction Technology
Universidad San Francisco de Quito (Ecuador) – Tropical Ecology Program
- 2018 Ordos Longsheng Safari Park (China)** – Conservation Research in Zoos

- 2017 Shanghai International Conservation Festival (China)** – Keynote Talk
Media coverage: [China News](#) | [Shanghai Xinhua News](#) | [Soho News](#)
Shanghai Zoo (China) – 融合研究與保護 [Talk given in Mandarin Chinese]
- 2015 Lee Kong Chian Natural History Museum (Singapore)** – [Exhibit Video Interview](#): Amphibians

Popular Science Magazines & Outreach

5. **Poo S.** (2022) Scientist Spotlight. *Ichthyology and Herpetology*, 110 (4): 778-779.
4. **Poo S.** (2022) A Conservation Puzzle: How Research Can Be Used to Protect Endangered Species. *ExZOOberence*, 2022(5):8-9.
3. **Poo S.** (2020) The Magical World of Amphibians. *Overton Park Conservancy #NatureZen* [Article](#)
2. **Poo S.** (2018) Conservation Feature Story: Tis the Season for Hibernation. *ExZOOberence*, 2018(5):15. [PDF](#)
1. **Poo S**, Bickford DP. (2014) Exceptional parents – A frog that defies the rule. *Natural History*, 2014(5):12-15. [PDF](#) [Featured as Magazine Cover]

Scientific Publications

* Indicates SP was corresponding author † Indicates student or technician mentored

25. **Poo S***, Candia AK[†], Cohen KL, Erickson FT[†], Mason SA[†], Nissen BD[†], McNear AF[†], Reinig JJ[†], Sherrock JS[†], Aguiluz AR[†], Jacques LL[†], Jenkins HER[†], Devan-Song A. Hatching plasticity in a Southeast Asian treefrog mitigates submergence-induced mortality. *In Review*.
24. Hinkson KM, **Poo S**. Comparative sperm morphology and quality within the Anuran subgenus *Nenirana*. *In Review*.
23. **Poo S**, Kam Y-C, Fuh N-T[†], Chuang M-F. Sex-specific oviposition site selection and hatching success in an arboreal treefrog: implications of a paternal nest-site selection. *In Review*.
22. Hartzheim AM[†], Terry JL[†], Field EK[†], Haydt NT[†], **Poo S**, Neuman-Lee LA. (2023) Immune and stress physiology of two captively-housed tortoise species. *Journal of Experimental Zoology Part A: Ecological and Integrative Physiology*, 339:220-233.
Media coverage: [Memphis Zoo News](#)
21. **Poo S***, Whitfield SM, Shepack A, Watkins-Colwell GJ, Nelson G, Goodwin J, Bogisich A[†], Brennan PLR, D'Agostino J, Koo MS, Mendelson JR, Snyder R, Wilson S, Aronsen GP, Bentley AC, Blackburn DC, Borths MR, Campbell ML, Conde DA, Cook JA, Daza JD, Dembiec DP, Dunnum JL, Early CM, Ferguson A, Greene A, Guralnick R, Janney C, Johnson D, Knightly F, Poulin S, Rocha L, Soltis PS, Thiers B, Chakrabarty P. (2022) Bridging the research gap between live collections in zoos and preserved collections in natural history museums. *BioScience*, 72(5): 449-460. [PDF](#) [Featured as Journal Cover]
Media coverage: [Washington Post](#) | [Science Daily](#) | [Phys Org](#) | [Yale News](#) | [UNM News](#) | [OKC Visitor](#)
20. **Poo S***, Bogisich A[†], Mack M[†], Lynn BK[†], Devan-Song A. (2022) Post-release comparisons of amphibian growth reveal challenges with sperm cryopreservation as a conservation tool. *Conservation Science and Practice*, e572. [PDF](#)
Media coverage: [ABC News 24](#) | [Memphis Flyer](#) | [World Association of Zoos and Aquariums Newsletter](#)

19. Reichling SB, Roznik B, Cantrell J, **Bogisich A[†]**, **Poo S**. (2022) First natural breeding of the endangered dusky gopher frog (*Lithobates sevosus*) in captivity. *Zoo Biology*, 1-6. [PDF](#)
18. Santymire RM, Sacerdote-Velat AB, Gygli A, Keinath DA, **Poo S**, **Hinkson KM[†]**, McKeag EM. (2021) Using dermal glucocorticoids to determine the effects of disease and environment on the critically endangered Wyoming toad. *Conservation Physiology*, 9:coab093. [PDF](#)
17. **Watt AM[†]**, Marcec-Greaves R, **Hinkson KM[†]**, **Poo S**, Roberts B, Pitcher TE. (2021) Effects of age on sperm quality metrics in endangered Mississippi gopher frogs (*Lithobates sevosus*) from captive populations used for controlled propagation and reintroduction efforts. *Zoo Biology*, 40(3), 218-226. [PDF](#)
16. **Hinkson KM[†]**, **Poo S**. (2020) Inbreeding depression in sperm quality in a critically endangered amphibian. *Zoo Biology*, 39: 197-204. [PDF](#)
15. **Poo S***, **Hinkson KM[†]**. (2020) Amphibian conservation using assisted reproductive technologies: Cryopreserved sperm affects offspring morphology, but not behavior, in a toad. *Global Ecology and Conservation*, 21: e00809. [PDF](#)
Media coverage: [The Wildlife Society](#)
14. **Poo S***, **Hinkson KM[†]**. (2019) Applying cryopreservation to anuran conservation biology. *Conservation Science and Practice*, e91. [PDF](#)
13. **Hinkson KM[†]**, Baecher JA, **Poo S**. (2019) Cryopreservation and hormonal induction of spermic urine in a novel species: the smooth-sided toad (*Rhaebo guttatus*). *Cryobiology*, 89:109-111. [PDF](#)
Media coverage: [Daily Memphian](#) | [Memphis Commercial Appeal](#) | [USA Today](#)
12. **Poo S***, **Hinkson KM[†]**, & Stege E. (2018) Effects of hibernation on sperm production and body condition in an endangered temperate amphibian. *Reproduction, Fertility, and Development*, 31: 796-804. [PDF](#)
11. **Poo S*** & **Low M-R[†]**. (2018) Multiple male amplexus in *Feihyla hansenae* (Family: Rhacophoridae). *Herpetological Review*, 49(3):516-517. [PDF](#) **[Featured as Journal Cover]**
10. Karraker NE, **Fischer S[†]**, Aowphol A, Sheridan J, & **Poo S**. (2018) Signals of forest degradation in the demography of common Asian amphibians. *PeerJ*, 6, e4220. [PDF](#)
9. Chuang, M-F, **Kee W-H[†]**, **Sun J-S[†]**, **You C-H[†]**, Kam Y-C, & **Poo S***. (2017) Effects of predation risk and oviposition site value on male nest guarding behavior and offspring survival in an arboreal-breeding treefrog. *Behavioral Ecology and Sociobiology*, 71:122. [PDF](#)
8. **Poo S***, **Erickson FT[†]**, **Mason SA[†]**, **Nissen BD[†]**. (2017) Predation of *Feihyla hansenae* (Hansen's bush frog) eggs by a nursery web spider. *The Herpetological Bulletin*, 139:36-37. [PDF](#)
7. **Poo S***, **Low M-R[†]**, Devan-Song A. (2016) *Xenochrophis flavipunctatus* (Yellow-spotted keelback water snake): Diet. *Herpetological Review*, 47(2):319. [PDF](#)
6. **Poo S***, Evans TA, **Tan M-K[†]**, Bickford DP. (2016) Dynamic switching in predator attack and maternal defense of egg prey. *Biological Journal of the Linnean Society*, 118:901-910. [PDF](#)
5. **Poo S***, Ragsdale AB, **Jenkins HER[†]**, **Jacques LL[†]**, **Tan E[†]**, Karraker NE. (2016) *Rhacophorus kio*: Oviposition and nest construction. *Herpetological Review*, 47(1):119-120. [PDF](#)
4. **Priyadarshana TS[†]**, Wijewardhane IH, **Poo S**. (2015) *Pseudophilautus popularis* (Common Shrub Frog): Male territorial combat and vocal interaction in Sri Lanka. *The Herpetological Bulletin*, 134:29-30. [PDF](#)
3. **Poo S**, Bickford DP. (2014) Hatching plasticity in a Southeast Asian Treefrog. *Behavioral Ecology and Sociobiology*, 68:1733-1740. [PDF](#)
Media coverage: [Springer Select](#) | [Science Daily](#) | [Science World Report](#) | [Natural World](#)

[News](#) | [PhysOrg](#) | [Design & Trend](#)

2. **Poo S**, Bickford DP. (2013) The adaptive significance of egg attendance in a Southeast Asian treefrog. *Ethology*, 199(8):671-679. [PDF](#)
Media coverage: [Science Daily](#) | [Nature World News](#) | [Science Newline](#) | [Asian Scientist](#) | [Science Codex](#) | [PhysOrg](#) | [Red Orbit](#) | [NUS News](#) | [NUS Knowledge Enterprise](#) | [Asian Journal of the Scholarship of Teaching and Learning](#)
1. Caldwell-Harris CL, Tong J, Lung W, **Poo S**. (2011) Physiological reactivity to emotional phrases in Mandarin—English bilinguals. *International Journal of Bilingualism*, 15(3):329-352. [PDF](#)

Book Chapters & Features

5. Arifin U, Caviades-Solis IW, **Poo S**. Global Women in Herpetology. Self-Publish. *In Progress*.
4. **Poo S**. The Captain and the Frog. In M.L. Crump (Ed), *Herpetologists' Tales from the Field*. Cornell University Press. *In Progress*.
3. Kolby JE, Borzée A, **Poo S**, Gonwouo NL, Kouamé NG, Shrestha B, Munoz A. Amphibian Conservation Action Plan: Trade and Sustainable Use. *In Review*.
2. Crump ML, Lannoo MJ. (2022). *Women in Field Biology: A Journey into Nature* (1st ed.). CRC Press. (Interviewed as one of 75 contemporary Field Biologists)
Media coverage: [Memphis Zoo News](#)
1. Bickford DP, **Poo S**, Posa MRC. (2012) Southeast Asian biodiversity crisis. In D. Gower, K. Johnson, J. Richardson, B. Rosen, L. Rüber & S. Williams (Eds.), *Biotic evolution and environmental change in Southeast Asia*. Cambridge, U.K.: Cambridge University Press. p.434-462. [PDF](#)

Species Name Honoraria

2. ***Caiusa pooae* (Family: Calliphoridae)**
Species described by Rognes K. (2015) *Zootaxa* 3952 (1): 001-080. [PDF](#)
1. ***Striatosedulia pooae* (Family: Acrididae)**
Species described by Tan M.K. *et al* (2017) *Far Eastern Entomologist*, 333: 1-9. [PDF](#)

Selected Conference Presentations

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| 2023 | Joint Meeting of Ichth. and Herp. – Spotlight on the Diversity of Women in Herpetology |
| 2021 | Linking and Leveraging Zoos and Natural History Museums Workshop – Opening Talk |
| 2020 | World Congress of Herpetology (New Zealand) – Fitness and Captive-release Programs |
| 2019 | Joint Meeting of Ichth. and Herp. – <i>Ex Situ</i> Conservation
Joint Meeting of Ichth. and Herp. – Cryopreservation |
| 2018 | International Society for Behavioral Ecology – Life-history Tradeoffs
Joint Meeting of Ichth. and Herp. – Cryopreservation
Gordon Research Conference – Life-skills Training for Amphibians |
| 2017 | Animal Behavior Society (Canada) – Oviposition Site-selection
Joint Meeting of Ichth. and Herp. – Bi-parental Care [Best Lightning Oral Presentation] |

- International Ethological Conference (Portugal)** – Predation and Breeding-site Selection
Society for Integrative and Comparative Biology – Predation and Breeding-site Selection
2016 Animal Behavior Society – Predation and Breeding-site Selection
2014 Ecological Society of America – Predator and Parental Care
International Society for Behavioral Ecology – Adaptive Significance of Egg Attendance
Society for Conservation Biology (Malaysia) – Adaptive Significance of Egg Attendance
2013 Biological Sciences Graduate Congress (Thailand) – Amphibian Parental Care in Southeast Asia [**Best Oral Presentation**]
2011 Biological Science Research Lab Talks (Singapore) – Evolutionary Ecology and Conservation
2010 Association for Tropical Biology and Conservation (Indonesia) – Amphibian Parental Care in Southeast Asia
2007 Biology Research for Distinction Symposium – Amphibian Embryonic Development

Scholarships & Awards (Total \$141,250)

Student Scholarship	University of Bordeaux (France)	\$1,200	2015
Travel Award	National University of Singapore	\$700	2014
Extended Graduate Research Scholarship	National University of Singapore	\$5,400	2014
Singapore International Graduate Award	A*STAR (Singapore)	\$77,000	2010-2014
Senior Book Award in Biology	Boston University	\$3,500	2007
Ester Chandler Scholarship	Boston University	\$10,000	2004-2007
Boston University Grant	Boston University	\$43,450	2004-2007

Honors

Senior Book Award in Biology	Boston University, Biology Department	2007
Phi Beta Kappa (early induction)	Boston University, Epsilon of Massachusetts	2006
National Society of Collegiate Scholars	Boston University	2004-2007
Dean's list	Boston University, College of Arts and Sciences	2003-2007

Professional Affiliations & Services

Editor	Herpetological Conservation Biology
Member	Association for Zoos and Aquariums, Ecological Society of America, Society for Conservation Biology, Animal Behavior Society, International Society for Behavioral Ecology, Society for the Study of Amphibians and Reptiles, Herpetologists' League, Society for Integrative and Comparative Biology.
Reviewer	Biological Conservation, Behavioral Ecology, Biotropica, Ecology and Evolution, Ethology, Ethology Ecology and Evolution, Evolutionary Ecology, Herpetological Conservation and Biology, Herpetological Review, Hydrobiologia, Journal of Ethology, Pakistan Journal of Zoology, PLOS ONE, Scientific Reports, The Herpetological Bulletin, Zoo Biology, ZooKeys.
Judge	Society for the Study of Amphibians and Reptiles Seibert Award (2017-2019) Herpetologists' League E. E. Williams Behavioral Award (2017) Society for Integrative and Comparative Biology Behavioral Division Award (2017)

Languages

Chinese (Mandarin)	Native. Professional.
English	Native. Professional.

Students Mentored

Graduate	Jennifer Terry (Arkansas State University, Ph.D Student) Alyssa Hartzhiem (Arkansas State University, MS Student) Alexia Watts (Arkansas State University, MS Student)
College	Erica Carcelén (Rhodes College) Connor Leggett (UC Santa Cruz) Sankar Ananthanarayanan (National University of Singapore) Xinzi Wang (Rhodes College) Julianna Szuwalski (Rhodes College) Jillian Healy (Rhodes College) Isobel Correia (University of Texas) Maryella Cohn (Rhodes College) Karen Candia (Rhodes College) Amanda Cheang (Rhodes College) Rachel Snyder (Susquehanna University) Brittany Nunn (Stephen F. Austin State University) Mariah Mack (Southern Illinois University Edwardsville) Kameron Hall (University of Memphis) Tyler Tobias (Central Michigan University) Tyler Pina (University of Massachusetts Amherst) Maddy Yde (Rhodes College) Karen Candia (Rhodes College) Ayat Hassan (Rhodes College) Sarah Judd (Rhodes College) Katheryn Frank (Rhodes College) Rylie Strasbaugh (Pennsylvania State University) Tracey Malter (Colorado State University) Margaret Lindsay (Rhodes College) Hung Nguyen Tran (Rhodes College) Ethan Saffle (Arkansas State University)
High School	Helen Gillespie Erin Monroe (St. Mary's Episcopal School for Girls)
Middle School	Catherine Carney (Grace-St. Luke's Episcopal School)