

Sinlan Poo, Ph.D.

Curator of Research

Department of Conservation and Research, Memphis Zoo

Adjunct Research Faculty

Department of Biological Sciences, Arkansas State University

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Professional Positions

CURATOR OF RESEARCH	Memphis Zoo	2022-Present
ADJUNCT RESEARCH FACULTY	Arkansas State University	2019-Present
Senior Research Scientist	Memphis Zoo	2021-2022
Research Scientist	Memphis Zoo	2019-2021
Post-doctoral Researcher	Memphis Zoo	2016-2019
Translator: Chinese (Oral & Written)	Contracted Service for Zoos	2016-2019
Lecturer	National University of Singapore, Singapore	2016
Research Associate	Sakaerat Environmental Research Station, Thailand	2015-Present
Resident Research Guest Lecturer	Sakaerat Environmental 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, with specialization in Ecology and Conservation Biology <i>Summa cum laude</i> with Distinction	2003-2007
Professional Certification	Effective Leadership – Association of Zoos and Aquariums	2025
	Advancing Minority Leadership in Aquarium and Zoos – MIAZS	2025
	Smithsonian-Mason School of Conservation – Conservation Practice	2011-2014
Summer Program	University of Bordeaux – The Cluster of Excellence	2015

Committee Services

2025-Present	Board of Directors	Society for the Study of Amphibians and Reptiles
2023-Present	Board of Governors	American Society of Ichthyologists and Herpetologists
2022-Present	Diversity Committee	Herpetological Conservation Biology
2021-Present	Research Committee	Species 360
	Advisory Committee	Biodiversity Collections Network (BCoN)
2020-Present	Co-Founder & Organizer	Global Women in Herpetology Project
	Co-Founder & Organizer	Zoo-Museum Cross-Collections Initiative
2025	Employee Wellness Committee	Memphis Zoo
2023	International Scientific Committee	World Congress of Herpetology
2022-2025	Executive Council, Board of Trustees	The Herpetologists' League
2022-2025	Collections Committee	Memphis Museum of Science and History
2021-2024	Diversity & Inclusion Committee	Memphis Zoo
2015-2016	Scientific Committee	Society for Conservation Biology, Asian Chapter

Grants & Funding

2026	Conservation Action Now Grant	Oklahoma City Zoo	\$2,494
	Outdoor Fund	Bass Pro	\$1,000
	UWIN Scholar Award	Urban Wildlife Information Network	\$3,000
	Research Symposium Grant	Am. Soc. of Ichthyologists and Herpetologists	\$1,500
2025	National Leadership Grant	Institute of Museum and Library Services	\$615,497
	AZA Biobanking Grant	Association of Zoos and Aquariums	\$149,308
	Synchronicity Earth Grant	Synchronicity Earth	\$25,000
	Research Symposium Grant	Soc. for Study of Amphibians and Reptiles	\$2,000
	Research Symposium Grant	Herpetologists' League	\$1,000
	Conservation Grant	Bailey Foundation	\$70,000
	CBOT Endangered Species Fund	Brookfield Zoo	\$4,639
	Women in Herpetology Book Award	Gans Collections and Charitable Fund	\$10,000
2024	NSF-Research Coordination Network	NSF	\$495,808
	Conservation Research Grant	Bailey Foundation	\$80,428
	Amphibian Conservation Grant	Josh's Frog	\$500
2023	Donor Scholarship for Graduate Studies	Memphis Zoo	\$20,000
	Amphibian Conservation Grant	Josh's Frogs	\$500
	Conservation Action Network Grant	Memphis Zoo	\$3,975
2022	Zoo and Museum Symposium Grant	Herpetologists' League	\$2,000
	Zoo and Museum Symposium Grant	Soc. for Study of Amphibians and Reptiles	\$1,500
	Zoo and Museum Symposium Grant	Am. Soc. of Ichthyologists and Herpetologists	\$1,500
	Biological Collections Workshop Grant	Integrated Digitized BioCollections	\$34,500
	Conservation Action Network Grant	Memphis Zoo (3 grants)	\$20,631
2021	Conservation Grants Fund	Association of Zoos and Aquariums	\$21,644
	Conservation Action Network Grant	Memphis Zoo (3 grants)	\$17,335
2020	Biological Collections Workshop Grant	Integrated Digitized BioCollections	\$34,500
	Conservation Action Network Grant	Memphis Zoo (2 grants)	\$10,103
2019	Conservation Action Network Grant	Memphis Zoo	\$7,967
2018	Conservation Action Network Grant	Memphis Zoo (2 grants)	\$17,584
2017	Amphibian Taxon Advisory Group Grant	Association of Zoos and Aquariums	\$1,000
	Conservation Action Network Grant	Memphis Zoo (2 grants)	\$11,247
2007	Funded Research Opportunities Grant	Boston University	\$500

Invited Talks

2027	Pennsylvania State University – SPARCnet Research and Mentorship Program
2026	Kennesaw State University – Biology Department Seminar
	University of Mississippi – Conservation Physiology Seminar
	National Taiwan Normal University (Taiwan) – Biology Department Seminar and Workshop
	National Taiwan University (Taiwan) – Herpetological Research Symposium
	Pennsylvania State University – SPARCnet Research and Mentorship Program
	Arkansas State University – Darwin Day Panel
2025	Taipei Zoo (Taiwan) – 動物園兩棲類研究的縮影 [Talk given in Mandarin Chinese]
	Christian Brothers University – Conservation Seminar
	University of Mississippi – Conservation Physiology Seminar
2024	Singapore Zoo (Singapore) – Mandai Wildlife Reserve

- University of Memphis – Center for Biodiversity Seminar
 Society for the Study of Amphibians and Reptiles – Pre-College Scholars Program
 University of Florida – Wildlife Ecology and Conservation Department Seminar
 University of Memphis – Biology Department Seminar
 Overton Park Conservancy – Science Café Seminar
 Sabaragamuwa University (Sri Lanka) – Natural Resources Department Seminar
 Kotelawala Defence University Seminar (Sri Lanka) – Conservation Seminar
 Dilmah One Earth Climate Change Centre (Sri Lanka) – Conservation Seminar
- 2023 Chinese Culture University (Taiwan) – 從基礎科學到動物保育 [Talk given in Mandarin Chinese]
 University of Nottingham (Malaysia) – Sustainable Environmental Cluster Research Seminar
 Society for the Preservation of Natural History Collections – Biodiversity Crisis Response Symposium
 Kasetsart University (Thailand) – Animal Behavior Seminar
 Society for the Study of Amphibians and Reptiles – Pre-College Scholars Program
 Oklahoma State University – Biology Department Seminar
- 2022 UC Berkeley – Beyond Academia
 Washington State University – College of Veterinary Medicine, Aquatics & Wildlife Diseases Association
 Zoo Registrar Association – Annual Conference
 Swarthmore College – Conservation Biology Class
 Clarke University – Biology Lab Talk
 University of Tennessee – College of Veterinary Medicine
 Joint Meeting of Ichthyologists and Herpetologists – 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)
 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 [Video](#)

Organized Workshops & Symposiums

- 2027 **Organizer & Host:** Zoo Museum Network: Midwest Regional Workshop. Science Museum of Minnesota
Organizer & Host: Zoo Museum Network: Western Regional Workshop. Denver Museum of Nature and Science and Denver Zoo Conservation Alliance
- 2026 **Organizer & Host:** Zoo Museum Network: Southeast Regional Workshop. Memphis Zoo
Organizer: Zoo and Aquarium Research Symposium. Joint Meeting for Ichthyologists and Herpetologists
Organizer & Host: Zoo Museum Network: Human Capacity Workshop. Audubon Nature Institute
- 2025 **Organizer & Host:** Zoo Museum Network: Physical Collections Workshop. Oklahoma City Zoo
Organizer & Host: Zoo Museum Network: Cyber Infrastructure Workshop. Duke Lemur Center
- 2024 **Organizer:** Women in Herpetology – Gathering and Discussion. World Congress of Herpetology
Organizer: Memphis Zoo Conservation & Research Showcase. AZA Mid-Year Meeting
- 2023 **Organizer:** Zoo-Museum Research Symposium. Joint Meeting for Ichthyologist and Herpetologists
Organizer: The Zoo-Museum Initiative. Panel at 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

Scientific Publications

- Pittman C, Johnston RA, Grote J, **Poo S**, Mazza A, Johnson D, Bloom D, D'Agostino J, Koo MS, Donato J, Baecher JA, Niemann A, Whitfield S, Shepack A, Watkins-Colwell GJ. Connecting living and preserved collections: Pathways for integrating biological data to cultivate information sharing. *Biodiversity Informatics*. Submitted
- Bolan J, Albritton M, Devan-Song A, Morris A, Grimley J, Knightly F, **Poo S**. Presence of incidentally-ingested phoretic mites in Fowler's toad fecal samples. *Herpetological Review*. Submitted.
- Kam Y-C, Lin Y-W, Chuang M-F, **Poo S**. Maternal care of oophagous tadpoles indicate basil form of communal breeding in a phytotelm-breeding amphibian, *Kurixalus eiffingeri* (Anura: Rhacophoridae). *Ecology and Evolution*. Submitted.
- 33. Aung ST, Suwanwaree P, Tun T, **Poo S**. Hanging from the rafters, unusual predatory behavior of *Bungarus fasciatus* in Myanmar. *The Herpetological Bulletin*. Accepted.
- 32. Bradshaw AJ, **Poo S**, Malter TE, Strasbaugh RM, Bodner B, Hinchey MR, Devan-Song A, Tabima J. (2026) Characterization of a core fungal community and captivity-induced gut "mycobiome" change in Fowler's Toad. *Ecology and Evolution*, 16(4):e73430. [PDF](#)
- 31. Kunkel DM, Long-Fox BL, Pittman C, Portmann J, Sheik M, Bates JM, Bentley A, Contreras DL, Ellwood ER, Lomas MW, Monfils AK, Moser WE, Nelson G, **Poo S**, Thiers B, Watkins-Colwell GJ, Webster MS, Zimkus BM, Pandey JL. (2026) Integrating biological and environmental data to solve key scientific and societal challenges. *BioScience*, 76:13-20. [PDF](#)
- 30. Albritton M, Bolan J, Devan-Song A, **Poo S**. (2025) *Scaphiopus holbrookii* (Eastern Spadefoot). Endoparasites. *Herpetological Review*, 56(4):415-416. [PDF](#)
- 29. Low M-R, Clements GR, Chong E, Giam X, **Poo S**, Quek YA, Ahmad Ghani NAA, Gasik L, Aziz SA. (2025) Lack of pollination knowledge among durian growers presents challenges and opportunities for fruit bat conservation. *Tropical Conservation Science*, 18:19400829251381929. [PDF](#)
- 28. Malter TE, Strasbaugh RM, Bogisich A, Terry J, Saffle ET, Devan-Song A, Neuman-Lee LA, **Poo S**. (2025) Cross-generational effects of captive stress on adults and their released offspring in an amphibian. *Journal of Herpetology*, 59(1):51-59. [PDF](#)
- 27. Bogisich A, Candia AK, Cantrell J, Collins C, Reichling SB, **Poo S**. (2025) Dusky gopher frog (*Lithobates sevosus*) repatriation at a reintroduction site through zoo-led captive-release efforts. *Zoo Biology*, 44(3):230-236. [PDF](#)
Media coverage: [AmphibiaWeb](#)
- 26. Devan-Song A, Albritton M, Bolan J, Walden MA, Karraker NE, **Poo S**. (2024) *Scaphiopus holbrookii* (Eastern Spadefoot). Burrow Depths. *Herpetological Review*, 55(3):417-418
- 25. Bentley A, Thiers B, Moser WE, Watkins-Colwell GJ, Zimkus BM, Monfils AK, Franz NM, Bates JM, Boundy-Mills K, Lomas MW, Ellwood ER, **Poo S**, Contreras DL, Webster MS, Nelson G, Pandey JL. (2024) Community Action: Planning for Specimen Management in Funding Proposals. *BioScience*, 74: 435-439. [PDF](#)
- 24. **Poo S**, Cheng Y-C, Fuh N-T, Chuang M-F, Kam Y-C. (2024) Sex-specific oviposition site selection in an arboreal treefrog with resource-defense mating system. *Ethology*, 130(5):e13444. [PDF](#)
- 23. **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. (2023) Hatching plasticity in a Southeast Asian treefrog mitigates submergence-induced mortality. *Biotropica*, 55:806-815. [PDF](#)
Media coverage: [AmphibiaWeb](#)
- 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(2):220-233. [PDF](#)
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](#) | [AmphibiaWeb](#)

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*, 41:354–359. [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) Sperm output and body condition are maintained independently of hibernation 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*, 119(8):671-679. [PDF](#)

Media coverage: [Science Daily](#) | [Nature World News](#) | [Science Newsline](#) | [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](#)

Popular Science Magazines & Outreach

12. **Poo S** (2025) Breeding Hope – In Vitro Fertilization of Dusky Gopher Frogs. [Zoo Blog](#)
11. **Poo S**, Hua J, Arifin U. (2024) The Science of Connection: Global Women in Herpetology. [Podcast](#)
10. Ewing R, **Poo S**, Monfils A. (2024) Saving Endangered Species: Zoos, Museums and Biodiversity Data. *Biodiversity Literacy in Undergraduate Education*. [Education Module](#)
9. **Poo S**. (2024) BioScience Talks: The Global Women in Herpetology Project (and Book). [Podcast](#)
8. **Poo S**. (2024) Biology Bios: University of Memphis Speakers. [Podcast](#)

7. **Poo S**, et al. (2023) Can Freezing Frog Sperm Help with Conservation Efforts? *Current Conservation*. [Article](#)
6. **Poo S**. (2023) BioScience Talks: On Site at the Joint Meeting of Ichthyologists and Herpetologists. [Podcast](#)
Arifin U, Caviedes Solis IW, **Poo S**. (2022) Global Women in Herpetology Project. *World Congress of Herpetology Newsletter*, 3(2): 26-31. [Article](#)
5. **Poo S**. (2022) Scientist Spotlight. *Ichthyology and Herpetology*, 110 (4): 778-779. [PDF](#)
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*, 2020. [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]

Books & Book Chapters

5. Kolby JE, Borzée A, **Poo S**, Gonwouo NL, Kouamé NG, Shrestha B, Munoz A (2024). Trade and sustainable use. In Amphibian conservation action plan: A status review and roadmap for global amphibian conservation. Wren, S., Borzée. A., Marcey-Greaves, R. & Angulo, A. (Eds.). IUCN SSC Occasional Paper, No 57. Gland, Switzerland: IUCN. [PDF](#)
4. **Poo S**. (2024) The Captain and the Frog. In M.L. Crump (Ed), *Herpetologists' Tales from the Field*. Cornell University Press. p.255-259.
3. Arifin U, Caviedes Solis IW, **Poo S**. (2023) *Women in Herpetology: 50 Stories from Around the World*. Lulu Press.
Media coverage: [Boston University](#) | [Purdue University](#) | [Swarthmore College](#) | [Natural History Museum of Berlin](#) | [University of Zurich](#) | [Wits University South Africa](#) | [University of Porto Portugal](#) | [HerpBuzz India](#) | [AZA Connect](#)
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 Namesake 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](#)

Select Conference Presentations

- 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 Ichthyologists and Herpetologists** – Ex Situ Conservation
Joint Meeting of Ichthyologists and Herpetologists – Cryopreservation
- 2018 **International Society for Behavioral Ecology** – Life-history Tradeoffs
Joint Meeting of Ichthyologists and Herpetologists – Cryopreservation
Gordon Research Conference: Predator Prey Interactions – Life-skills Training for Amphibians
- 2017 **Animal Behavior Society (Canada)** – Oviposition Site-selection
Joint Meeting of Ichthyologists and Herpetologists – 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 **[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
2007 Biology Research for Distinction Symposium – Embryonic Development

Scholarships & Awards

2025	Disney Diversity Scholarship	Disney, AZA	\$3,000
	AMLAZ Leadership Course Scholarship	Minority in Aquarium and Zoo Sciences	\$3,000
2015	Student Scholarship	University of Bordeaux, France	\$1,200
2014	Travel Award	National University of Singapore	\$700
	Extended Graduate Research Scholarship	National University of Singapore	\$5,400
2010-2014	Singapore International Graduate Award	A*STAR, Singapore	\$77,000
2007	Senior Book Award in Biology	Boston University	\$3,500
2004-2007	Ester Chandler Scholarship	Boston University	\$10,000
	Boston University Grant	Boston University	\$43,450

Honors

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

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, American Society of Ichthyologists and Herpetologists, Society for Integrative and Comparative Biology, American Society of Ichthyologists and Herpetologists.
Reviewer	Animal Microbiome, Biological Conservation, Behavioral Ecology, Biotropica, Curator: The Museum Journal, 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.