

# CURRICULUM VITAE

## JOSEPH R. MENDELSON III

### PERSONAL INFORMATION

Born: Fort Sill, Oklahoma, USA

Languages: proficient in written and spoken Spanish; reading Portuguese

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### CURRENT POSITIONS

**2013–present:** Director of Research, Zoo Atlanta, Atlanta, GA

**2010–present:** Adjunct Associate Professor, School of Biological Sciences, Georgia Institute of Technology

### PREVIOUS POSITIONS

**2004–2013:** Curator of Herpetology, Zoo Atlanta, Atlanta, GA

**2013–2014:** Research and Development Officer, IUCN Amphibian Ark

**2006–2007:** Acting Executive Officer, IUCN-SSC Amphibian Specialist Group

**2004–2010:** Adjunct Associate Professor, Department of Biology, Utah State University

**2003–2004:** Associate Professor (tenured), Department of Biology, Utah State University

**1997–2003:** Assistant Professor, Department of Biology, Utah State University

### EDUCATION

BA, Zoology, The University of California at Santa Barbara (1983–1986)

MA, Biology, The University of Texas at Arlington (1988–1991)

Advisors: Jonathan A. Campbell and Edmund D. Brodie, Jr.

Ph.D., Systematics and Ecology, The University of Kansas (1991–1997)

Advisors: William E. Duellman and Linda Trueb

## RESEARCH

### RESEARCH INTERESTS

Vertebrate evolutionary biology, morphology, behavior, and natural history, with an especial interest in amphibians and reptiles. Biomechanics. Amphibian conservation.

### MAJOR PUBLICATIONS (\* denotes undergraduate authors)

1. **Mendelson, J. R., III.** 1990. Notes on a collection of amphibians and reptiles from Pueblo Viejo, Alta Verapaz, Guatemala. *Publicacion Ocasional, Fundación Interamericana de Investigación Tropical* 3:1–18.
2. Dorcas, M. E., and **J. R. Mendelson III.** 1991. Distributional notes on *Nerodia harteri harteri* in Parker and Palo Pinto Counties, Texas. *Herpetological Review* 22:117–118.
3. **Mendelson, J. R., III,** and W. B. \*Jennings. 1992. Shifts in the relative abundance of snakes in a desert grassland. *Journal of Herpetology* 26:38–45.
4. **Mendelson, J. R., III.** 1992. Frequency of tail breakage in *Coniophanes fissidens* (Serpentes: Colubridae). *Herpetologica* 48:448–455.
5. **Mendelson, J. R., III.** 1994. A new species of toad (Anura: Bufonidae) from the lowlands of eastern Guatemala. *Occasional Papers of the Museum of Natural History, University of Kansas* 166:1–21.
6. **Mendelson, J. R., III,** and J. A. Campbell. 1994. Two new species of the *Hyla sumichrasti* group (Amphibia: Anura: Hylidae) from Mexico. *Proceedings of the Biological Society of Washington*. 107:398–409.
7. Anthony, C. D., **J. R. Mendelson III,** and R. R. Simons. 1994. Differential parasitism by sex on plethodontid salamanders and histological evidence for structural damage to the nasolabial groove. *American Midland Naturalist* 132:302–307.
8. **Mendelson, J. R., III,** and D. A. Kizirian. 1995. Geographic variation in *Rhadinaea hempsteadae* (Serpentes: Colubridae), with the description of a new species from Chiapas, Mexico. *Herpetologica* 51:301–313.
9. Duellman, W. E., and **J. R. Mendelson III.** 1995. Amphibians and reptiles from northern Departamento Loreto, Peru: Taxonomy and Biogeography. *University of Kansas Science Bulletin* 55:329–375.
10. \*Toal, K. R., III, and **J. R. Mendelson III.** 1995. A new species of *Hyla* (Anura: Hylidae) from cloud forest in Oaxaca, Mexico, with comments on the status of the *Hyla bistincta* group. *Occasional Papers of the Museum of Natural History, University of Kansas* 179:1–20.

11. **Mendelson, J. R., III**, and D. A. Kizirian. 1995. An anomalous specimen referable to *Rhadinaea kinkelini* (Serpentes: Colubridae) from Chiapas, Mexico. *Journal of Herpetology* 29:624–625.
12. **Mendelson, J. R., III**, and K. R. \*Toal III. 1996. A new species of *Hyla* (Anura: Hylidae) from the Sierra Madre del Sur of Oaxaca, Mexico, with comments on *Hyla chryses* and *Hyla mykter*. *Journal of Herpetology* 30:326–333.
13. Nieto-Montes de Oca, A. and **J. R. Mendelson III**. 1997. Variation in *Rhadinaea marcellae* (Squamata: Colubridae), a poorly known species from the Sierra Madre Oriental of Mexico. *Journal of Herpetology* 31:124–127.
14. **Mendelson, J. R., III**. 1997. A new species of *Bufo* (Anura: Bufonidae) from the Pacific Highlands of Guatemala and southern Mexico, with comments on the status of *Bufo valliceps macrocristatus*. *Herpetologica* 53:14–30.
15. **Mendelson, J. R., III**. 1997. A new species of toad (Anura: Bufonidae) from Oaxaca, Mexico, with comments on the status of *Bufo cavifrons* and *Bufo cristatus*. *Herpetologica* 53:268–286.
16. **Mendelson, J. R., III**. 1998. *Bufo cavifrons*. SSAR Catalogue of American Reptiles and Amphibians:645.1–3.
17. **Mendelson, J. R., III**. 1998. *Bufo cristatus*. SSAR Catalogue of American Reptiles and Amphibians:646.1–2 .
18. Campbell, J. A., M. Sasa, M. \*Acevedo, and **J. R. Mendelson III**. 1998. A new species of *Abronia* (Squamata: Anguidae) from the high Cuchumatanes of Guatemala. *Herpetologica* 54:221–234.
19. **Mendelson, J. R., III**. 1998. Geographic variation in *Bufo valliceps* (Anura: Bufonidae), a widespread toad in the United States and Middle America. *Scientific Papers of the Natural History Museum, University of Kansas* 9:1–12.
20. **Mendelson, J. R., III**, and J. B. Pramuk. 1998. Neopalatine odontoids in *Bufo alvarius* (Anura: Bufonidae). *Journal of Herpetology* 32:586–588
21. da Silva, H. R., and **J. R. Mendelson III**. 1999. A new organ and unique sternal morphology in toads (Anura: Bufonidae): descriptions, taxonomic distribution, and evolution. *Herpetologica* 55:114–126.
22. **Mendelson, J. R., III**, and J. A. Campbell. 1999. Taxonomic status of populations of *Hyla chaneque* (Anura: Hylidae) in southern Mexico, with description of a new species from Oaxaca. *Journal of Herpetology* 33:80–86

23. **Mendelson, J. R., III**, P. C. Ustach, and A. Nieto-Montes de Oca. 1999. Description of the tadpole of *Bufo tutelarius*, natural history notes on the *Bufo valliceps* group, and a key to the tadpoles of the group. *Journal of Herpetology* 33:324–328.
24. **Mendelson, J. R., III**, H. R. da Silva, and A. M. Maglia. 2000. Phylogenetic relationships among marsupial frog genera (Anura: Hylidae: Hemiphractinae) based on evidence from morphology and natural history. *Zoological Journal of the Linnaean Society* 128:125–148.
25. Ustach, P. C., **J. R. Mendelson III**, R. W. McDiarmid, and J. A. Campbell. 2000. A new species of *Hyla* (Anura: Hylidae) from the Sierra Mixes, Oaxaca, Mexico, with comments on ontogenetic variation in the tadpoles. *Herpetologica* 56:239–250.
26. Mulcahy, D. G. and **Mendelson, J. R., III**. 2000. Phylogeography and speciation of the morphologically variable, widespread species *Bufo valliceps*, based on molecular evidence from mtDNA. *Molecular Phylogenetics and Evolution* 17:173–189.
27. Sheil, C. A. and **J. R. Mendelson III**. 2001. A new species of *Hemiphractus* (Anura: Hylidae: Hemiphractinae), and a redescription of *Hemiphractus johnsoni*. *Herpetologica* 57:189–202.
28. Sheil, C. A., **J. R. Mendelson, III**, and H. R. da Silva. 2001. Phylogenetic relationships of the species of neotropical horned frogs, genus *Hemiphractus* (Anura: Hylidae: Hemiphractinae), based on evidence from morphology. *Herpetologica* 57:203–214.
29. **Mendelson, J. R., III**. 2001. A review of the Guatemalan toad *Bufo ibarraii* (Anura: Bufonidae), with distributional and taxonomic comments of *Bufo valliceps* and *Bufo coccifer*. Pp. 10–19, *In* J. D. Johnson and R. G. Webb, and O. Flores-Villela (Eds.), *Mesoamerican Herpetology: Systematics, Natural History, and Conservation*. The University of Texas at El Paso, El Paso, Texas.
30. \*Meik, J. M., R. M. Jeo, **J. R. Mendelson III**, and K. E. Jenks. 2002. Effects of bush encroachment on an assemblage of diurnal lizards species in Central Namibia. *Biological Conservation* 106:29–36.
31. Brodie, E. D., Jr., **J. R. Mendelson III**, and J. A. Campbell. 2002. Taxonomic revision of the Mexican plethodontid salamanders of the genus *Lineatriton*, with the description of two new species. *Herpetologica* 58:194–204
32. \*Canseco-Márquez, L., **J. R. Mendelson III**, and G. Gutiérrez-Máyen. 2002. A new species of *Hyla* (Anura: Hylidae) from the Mixteca Alta, Oaxaca, Mexico. *Herpetologica* 58:260–269.
33. \*Canseco-Márquez, L., **J. R. Mendelson III**, and G. Gutiérrez-Máyen. 2002. A new species of large *Tantilla* (Squamata: Colubridae) from the Sierra Madre Oriental of Puebla, Mexico. *Herpetologica* 58:492–497.
34. **Mendelson, J. R., III**, and L. \*Canseco-Márquez. 2002. Rediscovery of the rare treefrog *Hyla cembra* Caldwell, in Oaxaca, Mexico. *The Southwestern Naturalist* 47:459–461.

35. Mulcahy, D. G., M. R. Cummer, B. L. \*Williams, **J. R. Mendelson III**, and P. C. Ustach. 2002. Status and distribution of two species of *Bufo* in the northeastern Bonneville Basin of Idaho and Utah. *Herpetological Review* 33:287–289.
36. Gardner, S. A. and **J. R. Mendelson III**. 2003. The diet of the Leaf-nosed snakes, *Phyllorhynchus* (Squamata: Colubridae): squamate-egg specialists. *The Southwestern Naturalist* 48:550–556.
37. Canseco-Márquez, L., G. Gutiérrez-Máyen, and **J. R. Mendelson III**. 2003. Distribution and natural history of the hylid frog *Hyla xera* in the Tehuacan-Cuicatlan Valley, Mexico, with a description of the tadpole. *The Southwestern Naturalist* 48:670–675.
38. Pramuk, J. B. and **J. R. Mendelson III**. 2003. *Anaxyrus melancholicus* Tschudi: A synonym of the Mexican taxon *Bufo compactilis* Wiegmann. *The Southwestern Naturalist* 48:676–680.
39. Gardner, S. A. and **J. R. Mendelson III**. 2004. Taxonomy and geographic variation in the Leaf-nosed snake *Phyllorhynchus decurtatus* (Squamata: Colubridae). *Journal of Herpetology* 38:187–196.
40. Lips, K. R., **J. R. Mendelson III**, A. Muñoz-Alonso, L. Canseco-Márquez, and D. G. Mulcahy. 2004. Amphibian population declines in montane southern Mexico: resurveys of historical localities. *Biological Conservation* 119:555–564.
41. O’Neill, E. M. and **J. R. Mendelson III**. 2004. The taxonomy of Costa Rican toads referred to *Bufo melanochlorus* Cope, with the description of a new species. *Journal of Herpetology* 38:487–494.
42. **Mendelson, J. R., III**, E. D. Brodie, Jr., J. M. Malone, M. E. Acevedo, M. A. Baker, N. J. Smatresk, and J. A. Campbell. 2004 (2005). Investigation of factors associated with the catastrophic decline of a cloudforest frog fauna in Guatemala. *Revista Biología Tropical* 52:991–1000.
43. **Mendelson, J. R., III**, B. L. \*Williams, C. A. Sheil, and D. G. Mulcahy. 2005. Systematics of the *Bufo coccifer* Complex (Anura: Bufonidae) of Mesoamerica. *Scientific Papers, Natural History Museum, University of Kansas* 38:1–27.
44. Lips, K. R., P. A. Burrowes, **J. R. Mendelson III**, and G. Parra-Olea. 2005. Amphibian declines in Latin America: widespread population declines, extinctions and impacts. *Biotropica* 37:163–165.
45. Lips, K. R., P. A. Burrowes, **J. R. Mendelson III**, and G. Parra-Olea. 2005. Amphibian declines in Latin America: a synthesis. *Biotropica* 37:222–226.
46. **Mendelson, J. R., III**. 2005. Species account: Coastal-plain toad (*Bufo nebulifer*), in M. Lannoo (Ed.), *Status and Conservation of US Amphibians*. University of California Press:424–427.

47. Mulcahy, D. G., A. W. Spaulding, **J. R. Mendelson III**, and E. D. Brodie, Jr. 2006. Genetic diversity and systematics of a species complex of horned lizards (*Phrynosoma*), with apparent hybridization along an ecotone between the Colorado and Sonoran deserts. *Molecular Ecology* 15:1807–1826.
48. Mulcahy, D. G., B. H. \*Morrill, and **J. R. Mendelson III**. 2006. Historical Biogeography of Lowland Species of Toads (*Bufo*) across the Trans-Mexican Neovolcanic Belt and the Isthmus of Tehuantepec. *Journal of Biogeography* 33:1889–1904.
49. **Mendelson, J. R., III**, K. R. Lips, R. W. Gagliardo, G. B. Rabb, J. P. Collins, J. E. Diffendorfer, P. Daszak, R. Ibáñez D., K. C. Zippel, D. P. Lawson, K. M. Wright, S. N. Stuart, C. Gascon, H. R. da Silva, P. A. Burrowes, R. L. Joglar, E. La Marca, S. Lötters, L. H. du Preez, C. Weldon, A. D. Hyatt, J. V. Rodriguez-Mahecha, S. Hunt, H. Robertson, B. Lock, C. J. Raxworthy, D. R. Frost, R. C. Lacy, R. A. Alford, J. A. Campbell, G. Parra-Olea, F. Bolaños, J. J. Calvo Domingo, T. Halliday, J. B. Murphy, M. H. Wake, L. A. Coloma, S. L. Kuzmin, M. S. Price, K. M. Howell, M. Lau, R. Pethiyagoda, M. Boone, M. J. Lannoo, A. R. Blaustein, A. Dobson, R. A. Griffiths, M. L. Crump, D. B. Wake, and E. D. Brodie, Jr. 2006. Policy Forum: Confronting amphibian declines and extinctions. *Science* 313:48.
50. Frost, D. R., T. Grant, and **J. R. Mendelson III**. 2006. *Ollotis* Cope, 1875 is the oldest name for the genus currently referred to as *Cranopsis* Cope, 1875. *Copeia* 2006:558.
51. **Mendelson, J. R. III**, K. R. Lips, J. E. Diffendorfer, R. W. Gagliardo, G. B. Rabb, J. P. Collins, P. Daszak, R. Ibáñez, K. C. Zippel, S. N. Stuart, C. Gascon, H. R. DaSilva, P. Burrowes, R. C. Lacy, F. Bolaños, L. A. Coloma, K. M. Wright, D. B. Wake. 2006. Responding to Amphibian Loss: Response. *Science* 314:1541-42.
52. \*Vaughan, A. and **J. R. Mendelson III**. 2007. Taxonomy and ecology of the Central American toads of the genus *Crepidophryne* (Anura: Bufonidae). *Copeia* 2007:304–314.
53. Collins, J. P., C. Gascon, and **J. R. Mendelson III**. 2007. Foreword. p.2 in Gascon, C. J. P. Collins, R. D. Moore, D. R. Church, J.E. McKay, and J. R. Mendelson III (eds.). 2007. *Amphibian Conservation Action Plan*. IUCN/SSC Amphibian Specialist Group. Gland, Switzerland and Cambridge, UK. 64pp.
54. **Mendelson, J. R., III**, R. W. Gagliardo, F. Andreone, K. R. Buley, L. Coloma, G. Garcia, R. Gibson, R. Lacy, M. W. Lau, J. Murphy, R. Pethiyagoda, K. Pelican, B. S. Pukazhenth, G. Rabb, J. Raffaelli, B. Weissgold, D. Wildt, and X. Feng. 2007. Captive Programs. Pp. 36–37 in Gascon, C. J. P. Collins, R. D. Moore, D. R. Church, J.E. McKay, and J. R. Mendelson III (eds.). 2007. *Amphibian Conservation Action Plan*. IUCN/SSC Amphibian Specialist Group. Gland, Switzerland and Cambridge, UK. 64pp.
55. Frost, D. R., R. W. McDiarmid, and **J. R. Mendelson III**. 2008. Anura—Frogs. In B. I. Crother (ed.), *Scientific and Standard English Names of Amphibians and Reptiles of North American North of Mexico*, pp. 2–13. SSAR Herpetological Circular 37.

56. Lips, K. R., J. Diffendorfer, **J. R. Mendelson III**, and M. W. Sears. 2008. Riding the wave: reconciling the roles of disease and climate change in amphibian declines. *PLoS Biology* 6:1–15.
57. Gagliardo, R, P. Crump, E. Griffith, **J. R. Mendelson III**, H. Ross, and K. C. Zippel. 2008. The principles of rapid response for amphibian conservation, using the programmes in Panama as an example. *International Zoo Yearbook* 42:125–135.
58. Andreone, F., A. I. Carpenter, N. Cox, L. du Preez, S. Furrer, G. Garcia, F. Glaw, J. Glos, D. Knox, J. Köhler, J. R. Mendelson III, V. Mercurio, R. A. Mittermeier, R. D. Moore, N. H. C. Rabibisoa, H. Randriamahazo, H. Randrianasolo, N. R. Raminosoa, O. R. Ramilyjaona, C. J. Raxworthy, D. Vallan, M. Vences, D.R. Vieites, and C. Weldon. 2008. The challenge of conserving amphibian megadiversity in Madagascar. *PLoS Biology* 6:1–4.
59. Bustamante, M. R. and **J. R. Mendelson III**. 2008. A new frog species (Strabomantidae: *Pristimantis*) from the high Andes of southeastern Ecuador. *Zootaxa* 1820:49–59.
60. **Mendelson, J. R., III**, J. M. Savage, E. Griffith, H. Ross, B. Kubicki, and R. Gagliardo. 2008. A spectacular new gliding species of *Ecnomiohyla* (Anura: Hylidae) from Central Panama. *Journal of Herpetology* 42:750–759.
61. Frost, D. R., **J. R. Mendelson III**, and J. B. Pramuk. 2009. Further notes on the nomenclature of Middle American toads (Bufonidae). *Copeia* 2009:418.
62. Frost, D. R., R. W. McDiarmid, and **J. R. Mendelson III**. 2009. Response to the *Point of View* of Gregory B. Pauly, David M. Hillis, and David C. Cannatella, by the Anuran Subcommittee of the SSAR/HL/ASIH Scientific and Standard English Names List. *Herpetologica* 65:136–153.
63. **Mendelson, J. R., III**, and E. K. Kabay. 2009. On the Distribution and Status of *Plectrohyla hazelae* (Taylor, 1940) (Amphibia: Hylidae) from Oaxaca, Mexico. *Herpetological Review* 40:301–302.
64. **Mendelson, J. R., III**, and D. G. Mulcahy. 2010. A new species of toad (Bufonidae: *Incilius*) from central Panama. *Zootaxa* 2396:61–68.
65. Gagliardo, R., E. Griffith, R. Hill, H. Ross, **J. R. Mendelson III**, and E. Timpe. 2010. Observations on the captive reproduction of the Horned Marsupial Frog *Gastrotheca cornuta* (Boulenger, 1898). *Herpetological Review* 41:52–58.
66. **Mendelson, J. R., III**. 2011. Shifted baselines, forensic taxonomy, and Rabbs' fringe-limbed treefrog: The changing role of biologists in an era of amphibian declines and extinctions. *Herpetological Review* 42:21–25.

67. Frost, D. R., R. W. McDiarmid, **J. R. Mendelson III**, and D. M. Green. 2011. Anura—Frogs. In B. I. Crother (ed.), *Scientific and Standard English Names of Amphibians and Reptiles of North American North of Mexico*. SSAR Herpetological Circular Edition 6.1: [http://www.ssarherps.org/pages/comm\\_names/Index.php](http://www.ssarherps.org/pages/comm_names/Index.php)
68. **Mendelson, J. R., III**, and R. Donnelly. 2011. *The Crisis of Global Amphibian Declines: Causes, Consequences, and Solutions*. Network for Conservation Educators and Practitioners, American Museum of Natural History. CD-ROM. System requirements: IBM PC or Mac compatible. Windows 98 or higher. Also available electronically at: (PowerPoint Teaching Tutorial, plus associated pedagogical materials) 97+ pp. <http://research.amnh.org/biodiversity/ncep>
69. **Mendelson, J. R., III**. 2011. Lessons of the lost. *American Scientist* 99: 438–441.  
 69a. Mendelson, J. R., III. 2012. *Das Große Sterben*. Spektrum, June 2012:74–78. [German translation of publication #69]
70. **Mendelson, J. R., III**, D. G. Mulcahy, T. S. \*Williams, and J. W. Sites, Jr. 2011. A phylogeny and evolutionary natural history of Mesoamerican toads (Anura: Bufonidae: *Incilius*) based on morphology, life history, and molecular data. *Zootaxa* 3138:1–34.
71. Fenolio, D. B., **J. R. Mendelson III**, and W. W. Lamar. 2012. A new diagnosis and description of variation among adult *Rhinella ceratophrys* (Boulenger) (Amphibia: Bufonidae), with notes on ecology and distribution. *South American Journal of Herpetology* 7:9–15.
72. \*Kapur, F. R. \*Macon, J. R. \*O’Neal, B. Lock, and **J. R. Mendelson III**. 2012. Comparison of the oral bacteria communities among five lizard species in a captive environment. *Herpetological Review* 43:260–264.
73. Frankham, R., J. D., Ballou, M. R. Dudash, M. D. B. Eldridge, C. B. Fenster, R. C. Lacy, **J. R. Mendelson III**, I. J. Porton, K. Rails, and O. A. Ryder. 2012. Implications of different species concepts for conserving biodiversity. *Biological Conservation* 153:25–31.
74. Venesky, M. D., **J. R. Mendelson III**, P. Stiling, B. F. Spears, and J. R. Rohr. 2012. Selecting for tolerance against pathogens and herbivores to enhance the success of reintroduction and translocation programs. *Conservation Biology* 26:586–592.
75. Booth, W, C. F. Smith, P. Eskridge, S. K. Hoss, **J. R. Mendelson III**, and G. W. Schuett. 2012. Facultative parthenogenesis discovered in wild vertebrates. *Biology Letters* doi:10.1098/rsbl.2012.0666
76. Frost, D. R., R. W. McDiarmid, **J. R. Mendelson III**, and D. M. Green. 2012. Anura—Frogs. In B. I. Crother (ed.), *Scientific and Standard English Names of Amphibians and Reptiles of North American North of Mexico*. SSAR Herpetological Circular 39:11–22.



77. **Mendelson, J. R., III**, D. G. Mulcahy, S. \*Snell, M. E. Acevedo, and J. A. Campbell. 2012. A new golden toad (Bufonidae: *Incilius*) from northwestern Guatemala and Chiapas, Mexico. *Journal of Herpetology* 46:473–479.
78. \*DeRussy, A., K. \*Hurst, K. \*Schaffer, Z. Pu, L. Green, and **J. R. Mendelson III**. 2013. Social behavior in the context of a limited resource in juvenile tortoises (*Manouria emys*). *Herpetological Journal* 23:171–173.
79. Searle, C. L., **J. R. Mendelson III**, L. E. Green, and M. A. Duffy. 2013. *Daphnia* predation on the amphibian chytrid fungus and its impacts on disease risk in tadpoles. *Ecology and Evolution* 12: 4129–4138. doi: 10.1002/ece3.777 (open access)
80. Pramuk, J. B., and **J. R. Mendelson III**. 2014. A new era of amphibian taxonomy. Pp.230–237, *In* D. R. Mader and S. J. Divers (Eds.), *Reptile Medicine and Surgery 2<sup>nd</sup> Edition*. Elsevier Saunders, St. Louis, Missouri.
81. **Mendelson, J. R., III**, M. E. B. Jones, A.P. Pessier, G. Toledo, E. H. Kabay, and J. A. Campbell. 2014. On the timing of an epidemic of amphibian chytridiomycosis in the highlands of Guatemala. *South American Journal of Herpetology* 9:151–153.
82. Lips, K. R., and **J. R. Mendelson III**. 2014. Stopping the next amphibian apocalypse. *New York Times* (invited Op-Ed). 14 November 2014.
83. Marvi, H., C. Gong, N. Gravish, H. Astley, R. L. Hatton, **J. R. Mendelson III**, H. Choset, D. L. Hu, and D. I. Goldman. 2014. Sidewinding with minimal slip: snake and robot ascent of sandy slopes. *Science* 346 (6206): 224–229 + Suppl. Mat. doi: 10.1126/science.1255718  
(*Perspectives*: Socha 2014, *Science* 346: 160–161; doi: 10.1126/science.1259970)
84. Sharpe, S. S., S. A. Koehler, R. M. Kuckuk, M. Serrano, P. A. Vela, **J. R. Mendelson III**, and D. I. Goldman. 2015. Locomotor advantages of being a slender and slick sand-swimmer. *Journal of Experimental Biology* 218:440–450.
85. Astley, H. C., C. Gong, M. Travers, M. M. Serrano, P. A. Vela, H. Choset, **J. R. Mendelson III**, D. L. Hu, and D. I. Goldman. 2015 Modulation of orthogonal body waves enables high maneuverability in sidewinding locomotion. *Proceedings of the National Academy of Sciences (USA)* 112: 6200–6205 . doi/10.1073/pnas.1418965112
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87. Carrillo, L., K. Johnson, and **J. R. Mendelson III**. 2015. Principles of program development and management for amphibian conservation captive breeding programs. *International Zoo News* 62:96–107. <http://en.calameo.com/read/001709363f66990a9fb1b>

88. **Mendelson, J. R., III**, C. T. \*Kinsey, and J. B. Murphy. 2015. A review of the biology and literature of the Gulf Coast Toad (*Incilius nebulifer*), native to Mexico and the United States. *Zootaxa* 3974:517–537.  
<http://dx.doi.org/10.11646/zootaxa.3974.4.4> (open access)
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1. Dorcas, M. E., and J. R. Mendelson III. 1990. Geographic distribution: *Arizona elegans arenicolor* and *Lampropeltis getulus holbrooki*. *Herpetological Review* 21:23.
2. Keck, M. B., D. P. Lawson, and J. R. Mendelson III. 1991. Geographic distribution: *Eumeces tetragrammus brevilineatus*. *Herpetological Review* 22:102–103.
3. Mendelson, J. R., III. 1991. The herpetofauna of Fish Slough, Inyo and Mono Counties California. Pp. A.VI-3–A.VI-7 in Ferren, W. F. and F. W. Davis (eds.), *Biotic inventory and ecosystem characterization of Fish Slough, Inyo and Mono Counties, California*. Contract Report to Calif. Dept Fish and Game, Sacramento.
4. Mendelson, J. R., III, and Canseco-Marquez, L. 1998. Geographic distribution: *Bufo cristatus*. *Herpetological Review* 29:106.
5. Mendelson, J. R., III. 1998. [Review of] *A Research Guide to the Lizards of Cuyabeno*, by L. J. Vitt and S. de la Torre. *Herpetological Review* 29:58–59.
6. Gardner, S. and J. R. Mendelson III. 1999. Natural history notes: *Coleonyx variegatus*. *Herpetological Review* 30:227.
7. Mendelson, J. R., III. 2000. [Review of] *The Amphibians and Reptiles of Nicaragua: A Distributional Checklist with Keys*, by G. Köhler. *Herpetological Review* 31:61–62.
8. Mendelson, J. R., III. 2002. [Review of] *The Amphibians of Honduras*, by J. R. McCranie and L. D. Wilson. *Copeia* 2002:1166–1168.

9. Mulcahy, D.G., **J. R. Mendelson III**, K.W. Setser, and E. Hollenbeck. 2003. Natural History Notes: *Crotalus cerastes* (Sidewinder): prey/predator weight-ratio. Herpetological Review 34:64.
10. **Mendelson, J. R., III**, and R. W. Gagliardo. 2005. Atlanta institutions lead the way to save amphibians. Zoo Atlanta Wild Times, Atlanta, GA. Fall 2005:3–5.
11. **Mendelson, J. R., III**. 2010. SSAR participation in the USA Science & Engineering Festival, Washington, DC. 2010. Herpetological Review 41:410–411.
12. **Mendelson, J. R., III**. 2010. Natural History Notes: *Exerodonta sumichrasti* (Sumichrast's treefrog): Semiterrestrial larvae. Herpetological Review 41:473
13. Percino-Daniel, R., M. Bénard-Valle, Y. García del Valle, and **J. R. Mendelson III**. 2013. Geographic Distribution: *Incilius campbelli* (Campbell's Forest Toad). Herpetological Review 44:103.
14. Peterson, F. F., A. De Queiroz, C. R. Feldman, **J. R. Mendelson III**, and R. J. Feldman-Matoq. 2013. Geographic Distribution: *Trachemys scripta* (Red-eared Slider). Herpetological Review 44: 272.
15. **Mendelson, J. R., III**. 2013. [Review of] Geckos: The Animal Answer Guide, by A. M. Bauer. Herpetological Review 44:529–530.
15. Frankham, R., R. C. Lacy, J. D. Ballou, M. R. Dudash, M. D. B. Eldridge, C. B. Fenster, **J. R. Mendelson III**, I. J. Porton, K. Rails, and O. A. Ryder. 2014. Species concepts for conservation - Reply to Russello and Amato. Biological Conservation 170:334–335.
16. **Mendelson, J. R., III**, and A. J. Adams. 2014. Natural History Notes: *Diadophis punctatus* (Ring-necked snake): Feeding. Herpetological Review 45:709–710.
17. **Mendelson, J. R., III**. 2016. [Review of] Herpetofauna Mexicana 1: Snakes of Mexico, by P. Heimes. Copeia 2016:971–974.
18. **Mendelson, J. R., III**. 2017. George B. Rabb 1930–2017. Herpetological Review 48:925–928.
19. **Mendelson, J. R., III**, and R. L. Hill. 2020. Herpetoculture Notes: *Heloderma charlesbogerti* (Guatemalan Beaded Lizard). Male Combat. Herpetological Review 51:763.
20. **Mendelson, J. R., III**. 2021. [Review of] Snakes of Arizona, by A. T. Holycross and J. C. Mitchell. Herpetological Review 52:81–83.
21. \*Sethna, J. M, M. Haire, and **J. R. Mendelson III**. 2021. Natural History Notes: *Chelydra serpentina* (Common Snapping Turtle) and *Trachemys scripta* (Pond Slider) and

*Terrapene carolina* (Eastern box turtle). Anticipatory behavior. *Herpetological Review* 52:388–389.

22. **Mendelson, J. R., III.** 2022. What happens when a field biologist becomes disabled? *Herpetological Review* 53:64–66.
23. **Mendelson, J. R., III.** 2022. William E. Duellman 1930–2022. *Ichthyology and Herpetology: in press.*
24. Burrowes, P. A., **J. R. Mendelson III,** and I. de la Riva. 2022. The passing of a titan: William E. Duellman. *Herpetological Review* 53:368–370.

### SYNERGISTIC ACTIVITIES

- Earth Microbiome Consortium (2015)–present: <http://www.earthmicrobiome.org/>
- US Geological Service (2015–present): *Batrachochytrium salamandrivorans* emergency-response task force.
- The Story Collider: Shake-Ups. (June 2018) Podcast: Live spoken word performance. [www.storycollider.org](http://www.storycollider.org) (Atlanta Chapter)
  - National Podcast (December 2018 : <https://www.storycollider.org/stories/2018/12/18/new-friends-stories-about-unexpected-connections>
- Atlanta Science Festival & Atlanta March for Science (2014–2018): musical performer, with science-themed punk band: Leucine Zipper & the Zinc Fingers ([www.leucinezipper.com](http://www.leucinezipper.com))
- *Atomic Anarchy*, full-length CD by Leucine Zipper & the Zinc Fingers. Science-themed punk-rock (2018) ([www.leucinezipper.com](http://www.leucinezipper.com))
- *Incubate*: a multimedia fine-arts presentation of scientific writings and artistic photography. Roski School of Fine Arts, University of Southern California. (2012): co-organizer, collaborator.
- Symposium: *Rethinking Normal: Moving from Theory to Action in the Face of Invasive Species and Global Change*. 7<sup>th</sup> World Congress of Herpetology (2012): co-organizer, moderator, panelist.
- US Fish & Wildlife Service Dusky Gopher Frog Reintroduction Workshop (2012): delegate, presenter, facilitator.
- IUCN Amphibian Reintroduction Guidelines Workshop (2012): co-organizer, facilitator.

- NSF (2011): Brazil-USA Dimensions of Biodiversity Workshop; co-organizer, co-moderator, local host.
- IUCN-CBSG Species Concepts in Conservation Workshop (2011): delegate, presenter.
- Georgia Department of Natural Resources Turtle Legislation Working Group (2010–2012): member.
- USA National Science Fair (2010): interpretive booth coordinator and host.
- IUCN Amphibian Mini Summit (2009): delegate.
- IUCN Amphibian Survival Alliance Organization Team (2008–2010): member.
- IUCN Mesoamerican Amphibian Conservation Action Plan Workshop (2008): delegate.
- IUCN Mexican Amphibian Species Conservation Prioritization Team (2008): delegate.
- National Council for Science and the Environment (NCSE) session *The Global Loss of Amphibians* (2008): co-organizer, facilitator.
  - Senior author on summary White Paper presented to US Congress
- USFWS Symposium *Amphibian Declines & Chytridiomycosis: Translating Science into Urgent Action* (2007): co-organizer.
- Chytridiomycosis Sampling & Analysis Training Workshop (Mexico: 2007): co-organizer, presenter.
- Costa Rica Amphibian Conservation Action Plan workshop (2006): delegate, presenter.
- IUCN Global Amphibian Summit (2005): delegate, presenter.
- IUCN *Atelopus* Conservation workshop (2004): delegate, presenter.
- RANA: Research and Analysis Network for Neotropical Amphibians (2003–2007): member.
- IUCN Amphibian Specialist Group (2013–present): Co-chair Amphibian Taxonomy & Systematics Working Group
- Zoo Atlanta (2014–2015): Exhibit graphics & interpretive design team for multimedia educational components of SSS: The Reptile & Amphibian Experience complex.

## RESEARCH GRANTS & CONTRACTS

1. **Herpetological inventory of Fish Slough: A candidate site for the holdings of The University of California Natural Reserve System.** Giles Mead Foundation (1985): \$1000.
2. **Differential parasitism of the salamanders of the Ouachita Mountains of Oklahoma and Arkansas.** Phi Sigma Biological Honor Society, University of Texas at Arlington Chapter (1988): \$200.
3. **Herpetofaunal Inventory of Sierra de las Minas, Guatemala.** Fundacion Interamericana de Investigacion Tropical and Department of Biology, The University of Texas at Arlington (1989): \$2200.
4. **Systematics of the *Bufo valliceps* species group.** American Museum of Natural History, Theodore Roosevelt Memorial Fund (1992): \$900.
5. **Systematics of the *Bufo valliceps* species group.** Panorama Society Fund, University of Kansas Natural History Museum (1992): \$500.
6. **Biodiversity surveys in Guatemala.** Panorama Society Fund, University of Kansas Natural History Museum (1996): \$450.
7. **Biodiversity surveys in Guatemala.** Tinker Field Research Grant, University of Kansas Center for Latin American Studies (1996): \$600.
8. **Ecology of Flat-tailed Horned Lizards.** California Department of Parks and Recreation (1999): \$40,000
9. **Survey of Declining Frog Populations in Mexico.** National Geographic Society (2000): \$10,114
10. **Ecology of Flat-tailed Horned Lizards.** California Department of Parks and Recreation (2000): \$39,311
11. **Reptile & Amphibian Surveys in Great Basin National Park.** National Park Service/Nevada Chapter Trout Unlimited (2000): \$1500
12. **Ecology of Flat-tailed Horned Lizards.** California Department of Parks and Recreation (2001): \$42,541
13. **Genetics of the Flat-tailed Horned Lizard at Ocotillo Wells State Vehicular Recreation Area.** California Department of Parks and Recreation (2002): \$40,028
14. **Genetics of the Flat-tailed Horned Lizard.** United States Department of the Navy (2002–2004): \$20,000

- 15. Historical Biogeography of the North American Deserts: A Comparative Phylogeography Approach.** National Science Foundation Dissertation Improvement Grant (2002–2004): \$9600 (with D. G. Mulcahy)
- 16. Impact of Off-Road Vehicle Use on Flat-tailed Horned Lizards.** California Department of Parks and Recreation (2003): \$39,708.
- 17. Population Status and Viability of Leopard Frogs in Grand Canyon and Glen Canyon.** U.S. Bureau of Reclamation (2003–2006): \$65,273.
- 18. Development of Rapid-Response Protocol for Ecosystem-Level Response to Amphian Die-Offs.** Funding from various private and corporate stakeholders (2005): \$35,000.
- 19. Development of Instructional Aid for Sampling Chytridiomycosis from Amphibians.** Conservation International (2005): \$7,000.
- 20. Development of a Rapid-Response Protocol for Amphibian Conservation.** Private donors (2005): \$45,000.
- 21. Amphibian Conservation Research and Outreach.** McClatchey Foundation (2006): \$15,000.
- 22. Infectious Disease Control and Bioresource Banking for the Amphibian Extinction Crisis.** Institute for Museum and Library Services (2008–2011): \$776,862 (\$1.2 million, with matching funds).
- 23. Head Starting Program for the Eastern Indigo Snake.** Zoo Atlanta Reeder Conservation Fund (2009–2010): \$10,000.
- 24. Research Infrastructure Support at Zoo Atlanta.** Smithgall Conservation Endowment (Georgia Institute of Technology & Zoo Atlanta (2011): \$9,250.
- 25. Vitamin Levels and UV-exposure in Wild Amphibians.** Smithgall Conservation Endowment (Georgia Institute of Technology & Zoo Atlanta (2011): \$9,680.
- 26. US-Brazil Dimensions of Biodiversity Research Catalysis.** US National Science Foundation (2011): \$22,750.
- 27. Pathogen Tolerance & Conservation Genomics of Frogs** Smithgall Conservation Endowment (Georgia Institute of Technology & Zoo Atlanta (2012): \$15,000
- 28. Suburban Salamanders, Ecotoxins, and Land-Use Patterns.** Smithgall Conservation Endowment (Georgia Institute of Technology & Zoo Atlanta (2012): \$6,000

29. **Principles Governing the Mechanics and Controls of Snake Strikes.** Army Research Office Short-Term Innovative Research [ARO-STIR0] (Georgia Institute of Technology & Zoo Atlanta (2014): \$50,000
31. **Characterization of Vertebrate Saliva using Elo-Rheo.** Smithgall Conservation Endowment (Georgia Institute of Technology & Zoo Atlanta (2014): \$15,000
32. **Natural Substrate and Behavior of Wild Sidewinders.** Smithgall Conservation Endowment (Georgia Institute of Technology & Zoo Atlanta (2014): \$7,500
33. **Identification of Honey Bee Nectar Sources in Urban Atlanta.** Smithgall Conservation Endowment (Georgia Institute of Technology & Zoo Atlanta (2014): \$5,433
34. **Principles Governing the Mechanics and Control of Snake Strikes.** Smithgall Conservation Endowment (Georgia Institute of Technology & Zoo Atlanta (2015): \$11,500
35. **Fluid Mechanics of Taste.** Smithgall Conservation Endowment (Georgia Institute of Technology & Zoo Atlanta (2015): \$14,250.
36. **Conservation Genetics of Gopher Frogs in Georgia.** Smithgall Conservation Endowment (Georgia Institute of Technology & Zoo Atlanta (2016): \$14,540
37. **Conservation Genetics of Gopher Frogs in Georgia.** Smithgall Conservation Endowment (Georgia Institute of Technology & Zoo Atlanta (2017): \$7,000
38. **Paternity and Genetics of the Endangered Guatemalan Beaded Lizard.** Smithgall Conservation Endowment (Georgia Institute of Technology & Zoo Atlanta (2018): \$14,867
39. **Experimental Analyses of Whole-Genome DNA Methylation Maps of the Naked Mole Rats.** Smithgall Conservation Endowment (Georgia Institute of Technology & Zoo Atlanta (2018): \$14,000
40. **Limb-Body Coordination Patterns in the Movement of Sprawled-Postured Quadrupeds.** Smithgall Conservation Endowment (Georgia Institute of Technology & Zoo Atlanta (2018): \$12,700

## TEACHING

**Invited Speaker:** Approximately 10–20 presentations yearly to groups ranging from school, church, community groups to university departments or classes.

**Assistant/Associate Professor:** Department of Biology, Utah State University (1997–2004).  
Biology and the Citizen (BIOL 1010); enrollment 500–700 students  
Discovering Nature (BIOL 105); enrollment 60 students  
Herpetology (BIOL 5570); enrollment 15–25 students



Evolutionary Natural History of Vertebrates (Grad. Seminar); enrollment 5–15 students  
 Field Methods in Tropical Biology (Extension Course, Cuenca, Ecuador): 5 students

**Student Evaluation Scores at USU:** Average of student responses to “Overall Quality of Course” (first value) and “Instructor’s Effectiveness” (second value); scores are based on scale of 1 (very poor) to 6 (excellent).

| Course                                     | 1997    | 1998    | 1999    | 2000    | 2001    | 2002    | 2003    | 2004    |
|--|---------|---------|---------|---------|---------|---------|---------|---------|
| BIOL 101 <i>Biology &amp; the Citizen</i>  | 5.2/5.5 | —       | —       |         |         |         |         |         |
| BIOL 105 <i>Discovering Nature</i>         | —       | 5.0/5.1 | —       |         |         |         |         |         |
| BIOL 1010 <i>Biology &amp; the Citizen</i> | —       | 5.1/5.4 | 5.3/5.6 | 5.4/5.6 | 5.4/5.6 | 5.2/5.4 | 5.6/5.7 | —       |
| BIOL 5570 <i>Herpetology</i>               | —       | —       | —       | 5.2/5.4 | 5.6/5.6 | 5.4/5.6 | 5.5/5.9 | 5.4/5.7 |

**Visiting Lecturer:** Department of Biology, Georgia State University (2005–present).  
 Zoo Biology (BIOL 4104): Co-taught with GSU faculty

**Adjunct Associate Professor:** School of Biology, Georgia Institute of Technology (2011–present).  
 Undergraduate Experience Internship (BIOL 2802); course/instructor not evaluated  
 Undergraduate Research Experience (BIOL 4699); course/instructor not evaluated  
 Undergraduate Research Projects Lab (BIOL 4590); evaluation scores below  
 Biology of Terrestrial Vertebrates (BIOL 4803); evaluation scores below  
 Conservation Biology (BIOL 4803); evaluation scores below

**Student Evaluation Scores from courses at Georgia Tech:** Average of student responses for Instructor Effectiveness (first value) and “Course Effectiveness” (second value); scores based on scale of 1 (strongly disagree) to 5 (strongly agree/exceptional). \*Evolutionary Ornithology was scored on scale of 0 (strongly disagree) to 3 (strongly agree).

|      | BIOL 4590: Projects Lab | BIOL 4803 <i>Biology of Terrestrial Vertebrates</i> | BIOL 4803 <i>Conservation Biology</i> | VIP 2601: STEM Communications | BIOS 4801: Evolutionary Ornithology* |
|------|-------------------------|---|---------------------------------------|-------------------------------|--------------------------------------|
| 2011 | n/a                     | —   | —                                     | —                             | —                                    |
| 2012 | 5.0/5.0                 | —   | —                                     | —                             | —                                    |
| 2013 | —                       | 5.0/5.0   | —                                     | —                             | —                                    |
| 2014 | 4.8/5.0                 | —   | —                                     | —                             | —                                    |
| 2015 | —                       | 4.9/5.0   | —                                     | —                             | —                                    |
| 2016 | —                       | —   | 4.9/4.9                               | —                             | —                                    |
| 2017 | —                       | 5.0/5.0   | —                                     | —                             | —                                    |
| 2018 | 5.0/5.0                 | —   | —                                     | n/a                           | —                                    |
| 2019 | —                       | —   | 4.8/4.8                               | n/a                           | 3.0/3.0                              |
| 2020 | —                       | 5.0/5.0   | —                                     | n/a                           | —                                    |
| 2021 | —                       | —   | 5.0/4.8                               | —                             | —                                    |
| 2022 | —                       | 5.0/5.0   | —                                     | —                             | —                                    |

**Student Evaluation Scores from courses at Georgia State University:** Average of student responses for Instructor Effectiveness (first value) and “Course Effectiveness” (second value); scores based on scale of 1 (strongly disagree) to 5 (strongly agree/exceptional). Questions: “Stimulated my thinking and gave me new insights into the subject” / “Motivated me to learn” (2014–2017) and “Instructor communicated effectively” / “Content of the course was organized in a way that helped me learn the material.” (2019–present).

Note: except for Year 2020, this course was co-taught and evaluations here represent both instructors pooled.

|      | BIO<br>4104:<br>Zoo<br>Biology |
|------|--------------------------------|
| 2014 | 4.4/4.6                        |
| 2015 | 4.6/4.5                        |
| 2016 | 4.9/4.9                        |
| 2017 | 5.0/5.0                        |
| 2018 | —                              |
| 2019 | 3.5/4.2                        |
| 2020 | 5.0/4.8                        |

### Graduate Students and Post-doctoral Scholars

Former Graduate Students: (n = 12, 6 female) Stephanie Gardner (MS); Kirk W. Setser (MS 2002); Daniel Foley (PhD); Scott Newbold (PhD); Daniel G. Mulcahy (PhD); Allen W. Spaulding (PhD); Linh Chau (MS); Luke Linhoff (PhD); Yi Yin (MS); Cara Lin (PhD); Kelsey Reider (PhD); Jennifer Iacono (MS).

Current graduate students: (n = 4, 2 female); Kelimar Diaz-Cruz (PhD); Brad Shipley (PhD); Piper Rackley (MS), Andrew Schulz (PhD).

### SERVICE

Consultant, Desert Tortoise/U.S. Sprint Project, Dames and Moore Associates, Goleta, California (1988).

Graduate Admissions Committee, Department of Systematics and Ecology, University of Kansas (1993–1994).

Search Committee for the Director of the Natural History Museum, University of Kansas (1993–1994).

Awards Committee, Department of Systematics and Ecology, University of Kansas (1994–1995).

Scientific Publications Task Force, University of Kansas Museum of Natural History (1995).

Judge, Douglas County, Kansas, Science Fair (1991, 1992).

Local Organizing Committee for the 1996 Annual Meeting of the Society for the Study of Amphibians and Reptiles, The University of Kansas (1995–1996).

Grants-in-Herpetology Review Committee, Society for the Study of Amphibians and Reptiles (1996–1997).

Chair of Grants-in-Herpetology Review Committee, Society for the Study of Amphibians and Reptiles (1998–2001).

Search Committee for Evolutionary Quantitative Geneticist, Department of Biology, Utah State University (2000–2001).

Board of Directors, Society for the Study of Amphibians and Reptiles (2002–Present).

Founding Member, Southwestern Chapter of Partnership for Amphibian and Reptile Conservation (PARC; 2002–Present).

Search Committee for Biology Lecturer, Utah State University Extension Program (2003).

Executive Committee, IUCN-SSC/WAZA Amphibian Ark (2006–present).

President, Society for the Study of Amphibians and Reptiles (2011–2012).

Chair of Conservation Committee, Society for the Study of Amphibians and Reptiles (2015–2019).

Scientific Advisor, IUCN/CBSG Amphibian Ark (2007–present).

Member, US Geological Service Salamander Chytrid Task Force (2015–present).

Chair of Long-range Planning Committee, Society for the Study of Amphibians and Reptiles (2019–present)

**Reviewer for the following:** *Science; Evolution; Conservation Biology; International Zoo Yearbook; Molecular Phylogenetics & Evolution; Herpetologica; Copeia; Alytes; Molecular Ecology; Herpetological Natural History; Oryx; Herpetological Review; Biological Conservation; Zootaxa; Journal of Herpetology; African Journal of Herpetology; Phyllomedusa; Occasional Papers of the Natural History Museum; Miscellaneous Publications of the Natural History Museum, University of Kansas; Bulletin of the American Museum of Natural History; Zoo Yearbook; Diversity and Distributions; Ecohealth; American Association for the Advancement of Science; Prentice-Hall Textbook Publishers; University of Chicago Press; University of Oklahoma Press, Journal of Applied Ecology, National Science Foundation; Cladistics; PLOS ONE; Zootaxa; Amphibia-Reptilia, Functional Ecology; BMC Evolutionary Biology; South*

*American Journal of Herpetology*; *Herpetological Journal*; Institute of Museum and Library Services; *Toxicon*, *Caldasia*, National Science Foundation, National Geographic Grants Program, Macarthur Foundation Awards, *Zoologica Scripta*.

## **EDITORSHIPS:**

**Associate Editor**, *Herpetologica* (2000–2005)

**Associate Editor**, *Herpetological Review* (1998–2000)

**Associate Editor**, *Great Basin Naturalist* (1998–2000)

**Editorial Board**, *Journal of Herpetology* (2008–present)

**Editorial Board**, *South American Journal of Herpetology* (2006–present)

**Content Editor**, *Essential Reptiles*, by K. A. Hale, Abdo Publishing (2022)

## **CURATORIAL EXPERIENCE**

**Museum Assistant:** The Vertebrate Museum, The University of California at Santa Barbara (1984–1986).

**Herpetological Collections Manager:** The Vertebrate Museum, The University of California at Santa Barbara (1986–1988).

**Graduate Curatorial Assistant:** The University of Texas at Arlington Collection of Vertebrates (1988–1990).

**Interim Collections Manager:** The University of Texas at Arlington Collection of Vertebrates (1990–1991).

**Curatorial Assistant:** Division of Ornithology, Natural History Museum, The University of Kansas (1992–1993).

**Curatorial Assistant:** Division of Herpetology, Natural History Museum, The University of Kansas (1994–1996).

**Curator of Herpetology:** Zoo Atlanta (2004–2013).

## **PROFESSIONAL AFFILIATIONS**

The American Association for the Advancement of Science  
Society for the Study of Amphibians and Reptiles  
Amphibian Ark  
American Society of Ichthyologists and Herpetologists  
Brazilian Herpetological Society

IUCN-SSC Conservation Planning Specialist Group  
Partners in Amphibian and Reptile Conservation (PARC)  
Society for Integrative and Comparative Biology  
The Explorer's Club

## AWARDS & HONORS

**T. E. Kennerly, Jr. Award for Excellence in Teaching**, Department of Biology,  
University of Texas at Arlington (1989).

**Henri C. Seibert Award for Best Student Presentation**, Annual Meeting of the Society for  
the Study of Amphibians and Reptiles (1996).

**Outstanding Professor**, Kappa Delta Sorority, Utah State University (2000).

**Teacher of the Year**, College of Science, Utah State University (2004).

*Telmatobius mendelsoni* De la Riva, Trueb, and Duellman; a Peruvian frog named in honor  
of Joseph R. Mendelson III (2012).

**Thank a Teacher Award**, Georgia Institute of Technology (2015, 2020)

**First Place Award**, National Association for Interpretation Interior Exhibit Multimedia  
Competition (2016)

**Mt. Carmel High School Hall of Fame Award for Professional Achievement** (2020)

## MEDIA COVERAGE

*Science, Chronicle of Higher Education, National Public Radio, New York Times, Public Radio International, BBC Radio, Associated Press, CNN International, CNN news, ABC news, Newsweek, Public Broadcasting Service Science Investigators, Comedy Central's Colbert Report, Der Spiegel, National Geographic, Creative Loafing Atlanta, Atlanta Magazine, The Weather Channel, Turner Broadcasting Systems Storyline, Los Angeles Times, Public Library of Science, Discovery Channel, Huffington Post, Georgia Public Radio, Scholastic News 4, OnEarth, Nature, Defender, WREK FM Radio, Los Angeles Times, Washington Post, BBC News, Christian Science Monitor, Scientific American, Fox News, Popular Mechanics, Voice of America, Vox.com, News-O-Matic (for children), Chicago Tribune, The Story Collider [podcast], National Wildlife, and others.*