

CURRICULUM VITAE

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Education

1995: Ph.D. (Zoology), Duke University, Thesis Title: A phylogenetic study of the Neotropical banjo catfishes (Siluriformes: Aspredinidae), J.G. Lundberg (graduate advisor).

1986: B.Sc. (Zoology), University of Central Florida, *magna cum laude*.

Professional Appointments

2018–Present: Museum Studies Graduate Program Advisor & Internship Coordinator, University of Alabama.

2018–Present: Graduate Faculty, University of Alabama.

2018–Present: Adjunct Faculty, Dept. of Anthropology, University of Alabama.

2017–Present: Adjunct Faculty, Dept. of Biological Sciences, University of Alabama.

2015–Present: Director, Alabama Museum of Natural History, University of Alabama.

2012–2014: Instructor, Dept. of Ecology & Evolutionary Biology, Cornell University.

2008–2015: Senior Research Associate, Dept. of Ecology & Evolutionary Biology, Cornell University.

1998–2015: Curator of Fishes, Amphibians & Reptiles, Cornell University Museum of Vertebrates.

1998–2008: Research Associate, Dept. of Ecology & Evolutionary Biology, Cornell University.

1995–1998: Postdoctoral Researcher, Dept. of Biological Science, Florida State University.

1994–1995: Instructor, Dept. of Zoology, Duke University.

Grant Awards

- 2013–2018: Co-PI with M. Webster, G. Budney, K. Bostwick & Edwin Scholes on a collaborative project (Director M. Webster, Cornell University), NSF Grant (EF 1304425): Collaborative Research: Digitization TCN: Developing A Centralized Digital Archive of Vouchered Animal Communication Signals. Award Amount: \$1,570,906.
- 2012–2015: Co-PI on a collaborative project (Director H. Bart, Tulane University), NSF Grant (DBI 1202953) Collaborative Research: CSBR: Natural History Collections: Georeferencing U.S. Fish Collections: a community-based model to georeferencing natural history collections. Award Amount: \$161,300.
- 2010–2014: Co-PI on subaward on collaborative project (Director J. Armbruster, Auburn University), NSF Grant (DEB 1023403) PBI: All Cypriniformes Species – Phase II of an Inventory of the Otophysi. Subaward Amount: \$70,491.
- 2005–2008: Co-PI with H.W. Greene on collaborative project (Director L. Trueb, University of Kansas), NSF Grant (DBI 0132303): Development of a Distributed Information Network of North American Herpetological Databases (HerpNet). Award Amount: \$25,125.
- 2003–2009: PI on collaborative project (Director L. Page, University of Florida), NSF Grant (DEB 0315963): PBI: All Catfish Species (Siluriformes) – Phase I of an Inventory of the Otophysi. Award Amount: \$628,765.
- 2003–2004: Co-PI with A.R. McCune, H.W. Greene, D.W. Winkler & K.R. Zamudio, NSF REU Supplement to (DBI 0138123): A New Facility for the Cornell University Museum of Vertebrates: Moving, Compactors, and Cases. Award Amount: \$9,680.
- 2002–2004: Co-PI with A.R. McCune, H.W. Greene, D.W. Winkler & K.R. Zamudio, NSF Grant (DBI 0138123): A New Facility for the Cornell University Museum of Vertebrates: Moving, Compactors, and Cases. Award Amount: \$459,999.

Museum Specimens & Associated Field Research

Bionomia Profile: <https://bionomia.net/0000-0001-7063-7849>

Friel, John. 2019. Natural history specimens collected and/or identified and deposited. [Data set]. Zenodo. <https://doi.org/10.5281/zenodo.3520281>

- 2013: Guinea, biodiversity survey on fishes of the Gambie, Kolenté, Konkouré and Niger Rivers.
- 2011: Cameroon, biodiversity survey on fishes of the Dja River.
- 2010: Democratic Republic of the Congo, biodiversity survey on fishes of the upper Congo River.
- 2009: Tanzania, biodiversity survey on fishes of the Malagarasi River.
- 2008: Ethiopia, biodiversity survey on fishes of the Baro and Tekezé Rivers.
- 2007: Tanzania, biodiversity survey on fishes of the Pangani, Wami, Ruvu & Ruaha Rivers.
- 2006: Central African Republic, biodiversity survey on fishes of the Oubangui and Chari Rivers.
- 2005: Zambia, biodiversity survey on fishes of Luapula River and its tributaries.
- 2004: Tanzania, biodiversity survey on fishes of the Malagarasi River and Lake Tanganyika.
- 2004: Cameroon, biodiversity survey on fishes of the Sanaga, Lokoundjé and Lobé Rivers.
- 2002: Republic of Congo, biodiversity survey on fishes of Odzala National Park.
- 1999: Gabon, biodiversity survey on fishes of the Ntem and Woleu Rivers.

1994: Venezuela, biodiversity survey on fishes of the Orinoco River.

1993: Brazil, biodiversity survey on fishes of the Amazon and Negro Rivers.

Publications

Google Scholar Profile: <https://scholar.google.com/citations?hl=en&user=j4wt3QsAAAAJ>

33. B.B.Kashindye, B.K.Manda, J.P. Friel, A. Chakona & E. Vreven. 2021. *Chiloglanis msirii*, a new species of African suckermouth catfish (Teleostei: Mochokidae), from the Upper Congo basin. *Ichthyological Exploration of Freshwaters*, 1158: 1-14.
32. J.P. Friel & T.P. Carvalho. 2018. Family Aspredinidae – Banjo Catfishes. In van der Sleen, P. and Albert, J.S. (eds.). *Field Guide to the Fishes of the Amazon, Orinoco & Guianas*. Princeton University Press, pp. 202–207.
31. R.C. Schmidt, H.L. Bart Jr., F. Pezold & J.P. Friel. 2017. A biodiversity hotspot heats up: nine new species of suckermouth catfishes (Mochokidae: *Chiloglanis*) from Upper Guinean Forest streams in West Africa. *Copeia*, 105(2):301-338.
30. J.J. Day, A. Fages, K.J. Brown, E.J. Vreven, M.L.J. Stiassny. R. Bills, J.P. Friel & L. Rüber. 2017. Multiple independent colonizations into the Congo Basin during the continental radiation of African *Mastacembelus* spiny-eels. *Journal of Biogeography* 44(6):1-11.
29. T.P. Carvalho, R.E. Reis & J.P. Friel. 2017. A new species of the banjo catfish genus *Hoplomyzon* Myers (Siluriformes: Aspredinidae) from Lake Maracaibo tributaries, Venezuela: Osteological description using high-resolution computed microtomography of a miniature species. *Neotropical Ichthyology*, 15(1): e160143.
28. T.P. Carvalho, J.G. Lundberg, J.N. Baskin, J.P. Friel & R.E. Reis. 2016. A new species of the blind and miniature genus *Micromyzon* Friel and Lundberg, 1996 (Siluriformes: Aspredinidae) from the Orinoco River: describing catfish diversity using high-resolution computed tomography. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 165: 37-53.
27. J.P. Friel & T.P. Carvalho. 2016. A new species of *Amaralia* Fowler (Siluriformes: Aspredinidae) from the Paraná-Paraguay River Basin. *Zootaxa* 4088(4): 531–546.
26. T.P. Carvalho, A.R. Cardoso, J.P. Friel & R.E. Reis. 2015. Two new species of the banjo catfish *Bunocephalus* Kner (Siluriformes: Aspredinidae) from the upper rio São Francisco basin, Brazil. *Neotropical Ichthyology*, 13(3): 499-512.
25. C.H. Martin, J.S. Cutler, J.P. Friel, C.T. Denning, G. Coop & P.C. Wainwright. 2015. Complex histories of repeated gene flow in Cameroon crater lake cichlids cast doubt on one of the clearest examples of sympatric speciation. *Evolution*, 69(6):1406–1422.
24. F.D.B. Schedel, J.P. Friel & U.K. Schliewen. 2014. *Haplochromis vanheusdeni*, a new haplochromine cichlid species from the Great Ruaha River drainage, Rufiji basin, Tanzania (Teleostei, Perciformes, Cichlidae). *Spixiana*, 37(1):135–149.
23. R. Sonnenberg, J.P. Friel & J.R. Van Der Zee. 2014. Description of *Hylopanchax paucisquamatus* (Cyprinodontiformes: Poeciliidae), a new lampeye species from the Odzala-Kokoua National Park, Republic of Congo. *Zootaxa*, 3846(4):577–583.
22. Day, J.J., K.J. Brown, C. Peart, J.P. Friel, R. Bills & T. Moritz. 2013. Continental diversification of an African catfish radiation (Mochokidae: *Synodontis*). *Systematic Biology*. 62(3):351–365.

21. Yang, L., M. Arunachalam, T. Sado, L.A. Boris, A.S. Golubtsov, J. Freyhof, J.P. Friel, W.-J., Chen, M.V. Hirt, R., Raja Manickam, M.K. Agnew, A.M. Simons, K. Saitoh, M. Miya, R.L., Mayden & S. He. 2012. Molecular phylogeny of the cyprinid tribe Labeonini (Teleostei: Cypriniformes). *Molecular Phylogenetics and Evolution* 65:362–379.
20. Friel, J.P. & T.R. Vigliotta. 2011. Three new species of African suckermouth catfishes, genus *Chiloglanis* (Siluriformes: Mochokidae), from the lower Malagarasi and Luiche Rivers of western Tanzania. *Zootaxa* 3063:1–21.
19. Day, J.J., R. Bills & J.P. Friel. 2009. Lacustrine radiations in African *Synodontis* catfish. *Journal of Evolutionary Biology* 22:805–817.
18. Friel, J.P. 2008. *Pseudobunocephalus*, a new genus of banjo catfish with the description of a new species from the Orinoco River system of Colombia and Venezuela (Siluriformes: Aspredinidae). *Neotropical Ichthyology* 6:293–300.
17. Friel, J.P. & J.P. Sullivan. 2008. *Synodontis woleuensis* (Siluriformes: Mochokidae), a new species of catfish from Gabon and Equatorial Guinea, Africa. *Proceedings of the Academy of Natural Sciences of Philadelphia* 157:3–12.
16. Friel, J.P. & T.R. Vigliotta. 2008. *Atopodontus adriaensi*, a new genus and species of African suckermouth catfish from the Ogooué and Nyanga River systems of Gabon (Siluriformes Mochokidae). *Proceedings of the Academy of Natural Sciences of Philadelphia*, 157:13–23.
15. Fermon, Y., J.P. Friel, H.H. Ng & D. De Weirtd. 2007. Mochokidae. In Stiassny, M.L.J., G.G. Teugels, and C.D. Hopkins (eds.). *The Fresh and Brackish Water Fishes of Lower Guinea, West-Central Africa (Volume 1)*. IRD Editions, Paris, pp. 698–752.
14. Friel, J.P. & T.R. Vigliotta. 2006. *Synodontis acanthoperca*, a new species from the Ogooué River system, Gabon with comments on spiny ornamentation and sexual dimorphism in mochokid catfishes (Siluriformes: Mochokidae). *Zootaxa*, 1125:45–56.
13. Sullivan, J.P., S. Lavoué & J.P. Friel, 2004. A la découverte des poissons du parc national d'Odzala. *Canopée*, 26: 17–21.
12. Lundberg, J.G., T.M. Berra & J.P. Friel. 2004. First description of small juveniles of the primitive catfish *Diplomystes* (Siluriformes: Diplomystidae). *Ichthyological Explorations of Freshwaters*, 15(1):71–82.
11. Friel, J.P. 2003. Family Aspredinidae (Banjo catfishes). In Reis, R., S. Kullander, and C. Ferraris, Jr. (eds.). *Check List of Freshwater Fishes of South and Central America*. EDIPICRS, Porto Alegre, pp. 261–267.
10. Wainwright, P.C. & J.P. Friel. 2001. Behavioral characters and historical properties of motor patterns. In Wagner, G. (ed.). *The Character Concept in Evolutionary Biology*. Academic Press, San Diego, pp. 285–301.
9. Wainwright, P.C. & J.P. Friel. 2000. Effect of prey type on motor pattern variance in tetraodontiform fishes. *Journal of Experimental Zoology*, 286:563–571.
8. Fine, M.L., C.B. King, J.P. Friel, K.E. Loesser & S. Newton. 1999. Sound production and locking of the pectoral spine of the channel catfish. In Irwin, E.R., W.A. Hubert, C.F. Rabeni, H. L. Schramm, Jr., & T. Coon (eds.). *Catfish 2000: Proceedings of the International Ictalurid Symposium*. American Fisheries Society, pp. 105–114.
7. Friel, J.P. & P.C. Wainwright. 1999. Evolution of complexity in motor patterns and jaw musculature of tetraodontiform fishes. *Journal of Experimental Biology*, 202:867–880.

6. Friel, J.P. & P.C. Wainwright. 1998. Evolution of motor pattern in tetraodontiform fishes: Does muscle duplication lead to functional diversification? *Brain, Behavior and Evolution*, 52(3):159–170.
5. Fine, M.L., J.P. Friel, D. McElroy, C.B. King, K.E. Loesser & S. Newton. 1997. Pectoral spine locking and sound production in the channel catfish *Ictalurus punctatus*. *Copeia*, 1997(4):777–790.
4. Friel, J.P. & P.C. Wainwright. 1997. A model system of structural duplication: homologies of adductor mandibulae muscles in tetraodontiform fishes. *Systematic Biology*, 46(3):441–463.
3. Wetzel, J., J. Wourms & J.P. Friel. 1997. Comparative morphology of cotylephores in *Platystacus* and *Solenostomus*; modifications of the integument for egg attachment in skin-brooding fishes. *Environmental Biology of Fishes*, 50:13–25.
2. Friel, J.P. & J.G. Lundberg. 1996. *Micromyzon akamai*, gen. et sp. nov., a small and eyeless banjo catfish (Siluriformes: Aspredinidae) from the river channels of the lower Amazon Basin. *Copeia*, 1996(3):641–648.
1. Friel, J.P. 1995. *Acanthobunocephalus nicoi*, a new genus and species of miniature banjo-catfish from the upper Orinoco and Casiquiare Rivers, Venezuela (Siluriformes: Aspredinidae). *Ichthyological Explorations of Freshwaters*, 6(1):89–95.

Research Presentations

21. The Freshwater Fishes of Guinea. 2014 Joint Meeting of Ichthyologists and Herpetologists, Chattanooga, Tennessee.
20. A time tree for the Claroteinae (Claroteidae: Siluriformes) and affinities of the Tanganyikan claroteine species flock. Fifth International Conference of the Panafrican Fish and Fisheries Association, Bujumbura, Burundi, September 2013.
19. Africhthy.org: a web portal for African fishes. Fifth International Conference of the Panafrican Fish and Fisheries Association, Bujumbura, Burundi, September 2013.
18. Upper Congo Fishes Project: ichthyological study and collection-building at the University of Kisangani. Fifth International Conference of the Panafrican Fish and Fisheries Association, Bujumbura, Burundi, September 2013.
17. Exploring Mysterious Waters: The Biodiversity & Systematics of African Mochokid Catfishes. Invited presentation, New York State Museum, Albany, New York, October 2012.
16. Biodiversity and Systematics of African sucker-mouthed catfishes (Mochokidae: Chiloglanidinae). Fourth International Conference of the Panafrican Fish and Fisheries Association, Addis Ababa, Ethiopia, September 2008.
15. Biodiversity and Systematics of African Sucker-mouthed Catfishes (Mochokidae: Chiloglanidinae). 2008 Joint Meeting of Ichthyologists and Herpetologists, Montreal, Canada.
14. Ichthyofaunal survey of the rivers of the Eastern Arc Mountains in Tanzania. 2008 Joint Meeting of Ichthyologists and Herpetologists, Montreal, Canada.
13. All Catfish Species Inventory: 2005 Progress Report. 2005 Joint Meeting of Ichthyologists and Herpetologists, Tampa, Florida.
12. Ichthyological inventory of Odzala National Park, Republic of Congo. 2004 Joint Meeting of Ichthyologists and Herpetologists, Norman, Oklahoma.

11. Ichthyological inventory of Odzala National Park, Republic of Congo. Third International Conference on the Panafrican Fish and Fisheries Association, Cotonou, Benin, November 2003.
10. Kinematic and acoustic analysis of pectoral spine stridulation in catfishes. 2002 Joint Meeting of Ichthyologists and Herpetologists, Kansas City, Missouri.
9. Evolution of jaw muscles and neuromuscular activity patterns and in tetraodontiform fishes. Invited presentation, Auburn University, May 1998.
8. Muscle-by-prey interaction effects in tetraodontiform fishes: An overlooked metric of motor pattern modulation. 1998 Annual Meeting of the Society for Integrative and Comparative Biology, Boston, Massachusetts.
7. Evolution of neuromuscular activity patterns and jaw muscles in tetraodontiform fishes. Invited presentation, Cornell University, September 1997.
6. Evolution of motor pattern in tetraodontiform jaw muscles. 1997 Joint Meeting of Ichthyologists and Herpetologists, Seattle, Washington.
5. The jaw muscles of tetraodontiform fishes: A model system for the study of morphological duplication. 1996 Annual Meeting of the Society for Integrative and Comparative Biology, Albuquerque, New Mexico.
4. Diversity and homology of tetraodontiform jaw musculature. 1996 Joint Meeting of Ichthyologists and Herpetologists, New Orleans, Louisiana.
3. Phylogenetic relationships of the banjo catfishes (Siluriformes: Aspredinidae). 1993 Joint Meeting of Ichthyologists and Herpetologists, Austin, Texas.
2. A phylogenetic revision of *Amaralia*, a genus of oophagous banjo catfishes. 1992 Joint Meeting of Ichthyologists and Herpetologists, Urbana-Champaign, Illinois.
1. Epidermal keratinization and molting in the banjo catfishes (Siluriformes: Aspredinidae). 1989 Joint Meeting of Ichthyologists and Herpetologists, San Francisco, California.

Selected Outreach & Public Engagement Activities

- 2021, April: Bama Bug Fest: Bugs In Your Home.
<https://www.youtube.com/watch?v=OaTaULsfXNk>
- 2020, July: Audubon at Home: iNaturalist with the Alabama Museum of Natural History. Alabama Audubon, Birmingham, Alabama.
- 2020, July: Bama Bug Fest: On the Web - Eight Legged Facts about Spiders.
<https://www.youtube.com/watch?v=3jxYgrv4bQM>
- 2020, July: Bama Bug Fest: On the Web - Stings and Biting Things in Your Backyard.
https://www.youtube.com/watch?v=S_zP6Gm9ZIo
- 2020, May: Museums From Your Home: Amphibians of Alabama.
<https://www.youtube.com/watch?v=TiVuOk0ReJo>
- 2020, April: Museums From Your Home: Lizards and Snakes of Alabama
<https://www.youtube.com/watch?v=yGfv8uGOcOg>
- 2019, July: The “Ins” and “Outs” of iNaturalist: Mastering this citizen science & social media app. Alabama Chapter of The Wildlife Society, Millbrook, Alabama.
- 2019, March: Using iNaturalist to Document Observations in Nature. West Alabama Group of the Sierra Club, Tuscaloosa, Alabama.

- 2018, June: Using iNaturalist to Document Observations in Nature. Rotary Club, Tuscaloosa, Alabama.
- 2018, May: The “Ins” and “Outs” of iNaturalist: Mastering this citizen science & social media app. Alabama Audubon Mountain Workshop, Mentone, Alabama.
- 2018, April: Using iNaturalist to Document Observations in Nature. Kiwanis Club, Tuscaloosa, Alabama.
- 2017, August: Using iNaturalist to Document Observations in Nature. Birmingham Botanical Gardens, Birmingham, Alabama.

Biodiversity Observations & Related Citizen Science Projects

Personal iNaturalist Observations

<https://www.inaturalist.org/observations/friel>

Creator & admin for *Biodiversity of Alabama* project on iNaturalist

<https://www.inaturalist.org/projects/biodiversity-of-alabama>

Creator & admin for *City Nature Challenge 2020: Birmingham Metro Area* on iNaturalist

<https://www.inaturalist.org/projects/city-nature-challenge-2020-birmingham-metro-area>

Creator & admin for *City Nature Challenge 2019: Birmingham Metro Area* on iNaturalist

<https://www.inaturalist.org/projects/city-nature-challenge-2019-birmingham-metro-area>

Creator & admin for *Biodiversidad de Guatemala* project on iNaturalist

<https://www.inaturalist.org/projects/biodiversidad-de-guatemala>

Selected Media Appearances

2022, April: Television interview on *WBRC FOX6 News* discussing Bama Bug Fest.

<https://www.vuit.com/publishers/248/wbrc-fox-6-news#vod:20376303>

2022, April: Television interview on *WVUA 23* discussing Bama Bug Fest.

<https://www.wvua23.com/bama-bug-fest-crawls-back-to-tuscaloosa-this-weekend/>

2021, August: Interviewed by AL.com for an article about ALMNH’s fossil hunting trips.

<https://www.al.com/news/2021/08/hunting-80-million-year-old-shark-teeth-in-alabamas-black-belt.html>

2021, July: Interviewed by UA Strategic Communications for an article about ALMNH’s fossil hunting trips.

<https://news.ua.edu/2021/07/alabama-fossil-excursions-kick-off-just-in-time-for-shark-week/>

2019, July: Television interview on *WVU A23* discussing Bama Bug Fest.

<https://wvua23.com/families-swarm-to-first-annual-bama-bug-fest/>

2019, July: Interviewed by *Tuscaloosa News* article for article entitled “Bama Bug Fest will feature variety of creepy-crawlies”.

<https://www.tuscaloosaneews.com/news/20190715/bama-bug-fest-will-feature-variety-of-creepy-crawlies>

Social Media

<https://www.facebook.com/john.friel>

<https://www.instagram.com/john.friel/>

<https://twitter.com/friel>

Teaching Experience

2018–Present: Instructor of Record, University of Alabama, MUSM 500 *Museum Internship*.

2012–2014: Instructor of Record, Cornell University, *Biology of Fishes*.

1994–1995: Instructor of Record, Duke University, *Comparative Vertebrate Anatomy*

Mentoring Experience

Major Advisor for:

Thomas Vigliotta, 2007, M.S., Cornell University, Thesis Title: A phylogenetic study of the Mochokidae (Teleostei, Siluriformes).

Thesis Committee Member and/or Reviewer for:

Malorie Hayes, 2014–2020, Ph.D. candidate, Auburn University, Thesis Title: Molecular Investigations of the Diversity of Freshwater Fishes across Three Continents.

Moloko Jacob Matlala, 2019, Ph.D., University of Pretoria, Thesis Title: Phylogeography and relationships of the suckermouth catfishes (*Chiloglanis* Peters 1868; Siluriformes: Mochokidae) of the Limpopo River system and implications for water management in South Africa.

Kean Clifford, 2014, M.S., SUNY ESF, Thesis Title: Morphological Variation in the Bowfin (*Amia calva*), with a Review of Nominal Species: Conservation Implications.

Joshua Moyer, 2013, M.S., Cornell University, Thesis Title: Dentition of the Great White Shark, *Carcharodon carcharias* with comparisons to *Isurus* and *Lamna* (Lamniformes: Lamnidae).

Joie Matillano, 2011, M.S., SUNY ESF, Thesis Title: Taxonomy and Conservation of the minnow genus *Puntius* (Pisces: Cyprinidae) from Northern Palawan, Philippines.

Arlen Marmolejo, 2011, M.S., SUNY ESF, Thesis Title: Community Assemblage Patterns of Inland Fishes in Southern Regions of the Dominican Republic.

Tesfaye Melak, 2009, M.B., Addis Ababa University, Thesis Title: Diversity, relative abundance and biology of fishes in some water bodies of the Baro and Tekezé Basins, Ethiopia.

Tom Geerinckx, 2006, Ph.D., University of Ghent, Belgium, Thesis Title: Ontogeny and functional morphology of a highly specialized trophic apparatus: A case study of Neotropical suckermouth armoured catfishes (Loricariidae, Siluriformes).

Professional Service

- 2022: Panel Reviewer for the Institute of Museum and Library Services (IMLS) Museums for America Program.
- 2019-*Present*: Selection Committee for the Craig T. Sheldon and Elisabeth S. Sheldon Endowed Graduate Scholarship in Museum Studies and the Camilla Canty Endowed Scholarship at the University of Alabama.
- 2017–2020: Selection Committee for Alabama Audubon’s Walter F. Coxe Research Grants for graduate students, exceptional undergraduates, and individuals without access to traditional research funding.
- 2013: Invited Participant, NSF sponsored iDigBio Wet Collections Digitization Workshop, University of Kansas.
- 2010–2015: Board of Governors for the American Society of Ichthyologists and Herpetologists.
- 2008: Invited Participant, NSF sponsored workshop on the Biodiversity of African Freshwater Fishes, South African Institute for Aquatic Biodiversity, Grahamstown, South Africa.
- 2007–2013: Section Editor for *Zootaxa*.
- 2004: Organizer, All Catfish Species Inventory Workshop, South African Institute for Aquatic Biodiversity, Grahamstown, South Africa.
- 2000–2003: Raney Fund Award Committee for the American Society of Ichthyologists and Herpetologists.

Referee/Reviewer

Animal Biology, Check List, Contributions to Zoology, Copeia, Cybium, Functional Ecology, Journal of Anatomy, Journal of Experimental Biology, Journal of Fish Biology, Ichthyological Exploration of Freshwaters, Institute of Museum and Library Services, Molecular Phylogenetics and Evolution, National Geographic Society, National Science Foundation, Neotropical Ichthyology, Oxford & IBH Publishing Co., Physiology & Behavior, Proceedings of the Academy of Natural Sciences, Philadelphia, and Zootaxa

Professional Organizations and Affiliations

Alabama Museums Association
American Alliance of Museums
American Society of Ichthyologists and Herpetologists
Association of Academic Museums and Galleries
Society for the Preservation of Natural History Collections
Southeastern Museums Conference