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EDUCATION

- Ph.D. Evolutionary Biology, 2006
University of Chicago, Chicago, IL, USA
- M.S. Evolutionary Biology, 2003
University of Chicago, Chicago, IL, USA
- A.B. Biological Sciences, *cum laude* with distinction in all subjects, 1998
Cornell University, Ithaca, NY, USA

ACADEMIC EMPLOYMENT

Director. September 2025 – Present. Tulane University Biodiversity Research Institute and Royal D. Suttkus Fish Collection.

Professor. July 2024 – Present. Tulane University, Department of Ecology and Evolutionary Biology

Professor and Curator of Fishes. 2022 – June 2024. Oregon State University, Department of Fisheries, Wildlife and Conservation Sciences (FWCS).

Associate Professor and Curator of Fishes. 2015 – 2022. Oregon State University, Department of Fisheries, Wildlife and Conservation Sciences.

Assistant Professor and Curator of Fishes. 2009 – 2015. Oregon State University, Department of Fisheries and Wildlife.

Postdoctoral Researcher. 2006-2009. Duke University, National Evolutionary Synthesis Center (NESCent).

OTHER ACADEMIC AFFILIATIONS

Research Associate. 2012 – 2024. National Museum of Natural History, Smithsonian Institution

Fulbright Scholar. 2020 and 2024. State University of Londrina, Brazil.

Research Collaborator. 2006 –2012. National Museum of Natural History, Smithsonian Institution

OTHER EMPLOYMENT

Grants Administrator. 1998-2000. United States Environmental Protection Agency.

Lab Assistant. 1995-1998. Cornell University. Labs of Amy McCune and Andrew Bass.

Collections Assistant. 1994-1997. Cornell Vertebrate Collections: Ichthyology.

PEER REVIEWED PUBLICATIONS

(*graduate student author, **undergraduate author, †these authors contributed equally)

Panzeri, Karen M., Andrelino, Humberto L., Bogan, Sergio, O'Gorman, José P., Agnolín, Federico. **Sidlauskas, B.L.**, Vega, Nahuel, Martinelli, Agustín G., & Birindelli, José L. O.. 2026. MicroCT reinvestigation of the only articulated fossil anostomid fish reveals synonymy of *Arhinolemur* Ameghino, 1898 and *Megaleporinus* Ramirez et al., 2017. The Anatomical Record, 1–27. <https://doi.org/10.1002/ar.70178>

- Sidlauskas, Brian L.**, Bruno F. Melo, José L. O. Birindelli, Michael D. Burns, Benjamin W. Frable, Kendra Hoekzema, Casey B. Dillman, Mark H. Sabaj, and Claudio Oliveira. 2025. Molecular phylogenetics, a new classification, and a new genus of the Neotropical fish family Anostomidae (Teleostei: Characiformes). *Neotropical Ichthyology* 23, e240076. <https://doi.org/10.1590/1982-0224-2024-0076>
- Liyandja, Tobit L.D. , Brian T. Smith, S. Elizabeth Alter, **Brian L. Sidlauskas**, and Melanie L. J. Stiassny. 2025. Phylogenomics of African *Labeo* (Cypriniformes: Cyprinidae) emphasizing central African species. *Molecular Phylogenetics and Evolution*. 213, 108427. <https://doi.org/10.1016/j.ympev.2025.108427>
- Sidlauskas, Brian L.**, Tobit. L.D. Liyandja, Heleen Maetens*, Ray Schmidt and J. Churley Manfoumbi. 2024. Building capacity for fish biology in Sub-Saharan Africa. *Cybio* 48(4), 347-351. <https://doi.org/10.26028/cybio/2024-035>
- Boisen*, Olivia, **Brian L. Sidlauskas**, Scott A. Heppell and Susanne M. Brander. 2024. Museum-archived myctophids reveal decadal trends in microplastic and microfiber ingestion. *Science of the Total Environment*. 954, 176310. <https://doi.org/10.1016/j.scitotenv.2024.176310>
- Gomes*, Amanda A., **Brian Sidlauskas**, Fabio Machado, Rodrigo A. Caires and Marcelo R. S. Melo. 2024. Body shape evolution among dragonfishes and their allies (Teleostei: Stomiiformes). *Ichthyology and Herpetology*. 112(3), 473-488. <https://doi.org/10.1643/i2023068>
- Buser, Thaddaeus J, Olivier Larouche, Andres Aguilar, Mayara P. Neves, Michael W. Sandel, **Brian L Sidlauskas**, Adam P. Summers and Kory M. Evans. 2024. Freshwater habitats promote rapid rates of phenotypic evolution in sculpin fishes (Perciformes: Cottoidea). *The American Naturalist* 204(4), 345-360. <https://www.journals.uchicago.edu/doi/abs/10.1086/731784>
- Claeson, Kerin M., **Brian L. Sidlauskas**, Ray Troll, Zabrana M. Prescott, and Edward B. Davis. 2024. From sabers to spikes: a newfangled reconstruction of the ancient, giant, sexually dimorphic Pacific salmon, †*Oncorhynchus rastrosus* (SALMONINAE: SALMONINI). *PLoS One* 19(4), e0300252. <https://doi.org/10.1371/journal.pone.0300252>
- Sidlauskas, Brian L.**, Samarth L. Mathur, Hakan Aydoğan*, Fred Monzyk and Andrew N. Black. 2024. Genetic approaches reveal a healthy population and an unexpectedly recent origin for an isolated desert spring fish. *BMC Ecology and Evolution* 24 (1), 2. <https://doi.org/10.1186/s12862-023-02191-1>
- Nachman MW, Beckman EJ, Bowie RC, Cicero C, Conroy CJ, Dudley R, **et al.** (2023) Specimen collection is essential for modern science. *PLoS Biology* 21(11): e3002318. <https://doi.org/10.1371/journal.pbio.3002318>
- Dziedzic, Emily*, **Brian Sidlauskas**, Richard Cronn, James Anthony, Trevan Cornwell, Taylor Friesen, Peter Konstantinidis, Brooke Penaluna, Staci Stein, and Taal Levi. 2023. Creating, curating, and evaluating a mitogenomic reference database to improve regional species identification using environmental DNA. *Molecular Ecology Resources* 23(8), 1880-1904. <https://doi.org/10.1111/1755-0998.13855>
- Buser, Thaddaeus*, Victoria E. Kee**, Rebecca C. Terry, Adam P. Summers, and **Brian L. Sidlauskas**. 2023. Taurus of the tidepool? Inferring the function of cranial weapons in intertidal sculpins (Pisces: Cottoidea: Oligocottinae). *Ichthyology and Herpetology*, 111(1): 98-108. <https://doi.org/10.1643/i2022044>
- Burns, Michael D*, Michael L. Collyer, and **Brian L. Sidlauskas**. 2023. Simultaneous integration and modularity underlie the exceptional body shape diversification of characiform fishes. *Evolution*, 77(3): 746-762. <https://doi.org/10.1093/evolut/qpac070>
- Sidlauskas, Brian L.** and Peter Konstantinidis. 2022. Fish Curation. *In: Methods for Fish Biology*, second edition. S. Midway and P. Chakrabarty, eds. American Fisheries Society: 739-774. <https://doi.org/10.47886/9781934874615>

- Taphorn, Donald C., Elford Liverpool, Nathan K. Lujan, Carlos DoNascimento, Devya D. Hemraj, William G. R. Grampton., Matthew A. Kolmann, João Pedro Fontenelle, Lesley S. de Souza, David C. Werneke, Mark Ram, Devin D. Bloom, **Brian L. Sidlauskas**, Erling Holm, John G. Lundberg, Mark H. Sabaj, Calvin Bernard, Jonathan W. Armbruster, and Hernán Lopez-Fernández. 2022. Annotated checklist of the primarily freshwater fishes of Guyana. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 168(1): 1-96. <https://doi.org/10.1635/053.168.0101>
- Fermon, Yves, Nicolas Bailly, Floriane Cardiec, Romain Causse, Emmanuel Chartrain, Laurent Chirio, Godefroy de Bruyne, Pascal Deynat, Carl. D. Hopkins, Anton Lambok, Marion I. Mennesson, Jean-Hervé Mve Beh, Didier Paugy, **Brian Sidlauskas**, John P. Sullivan, Jean-Pierre van de Meghe, Thomas R. Vigliotta and Jouke van der Zee. 2022. An annotated checklist of the fishes of Gabon. *Cybium*, 46(2-3): 69-317. <https://doi.org/10.26028/cybium/2022-462-3-001>
- Frable, Benjamin W.*, Bruno F. Melo, João Pedro Fontenelle, Claudio Oliveira, and **Brian L. Sidlauskas**. 2022. Biogeographic reconstruction of the migratory Neotropical fish family Prochilodontidae (Teleostei: Characiformes). *Zoologica Scripta*, 51: 348-364. <https://doi.org/10.1111/zsc.12531>
- Schedel, Frederic. D. B., Albert Chakona, **Brian L. Sidlauskas**, Michael O. Popoola, Nadine Usimesa Wingi, Dirk Neumann, Emmanuel J. W. M. N. Vreven, and Ulrich K. Schliewen. 2022. New phylogenetic insights into the African catfish families Mochokidae and Austroglanididae. *Journal of Fish Biology*, 100(5): 1171-1186. <https://doi.org/10.1111/jfb.15014>
- Melo, Bruno F., **Brian L. Sidlauskas**, Thomas J. Near, Fabio F. Roxo, Ava Ghezelayagh, Luz E. Ochoa, Melanie L. J. Stiassny, Jairo Arroyave, Jonathan Chang, Brant C. Faircloth, Dan J. MacGuigan, Richard C. Harrington, Ricardo C. Benine, Michael D. Burns*, Kendra Hoekzema*, Natalia C. Sanches, Javier A. Maldonado-Ocampo, Ricardo M. C. e. Castro, Fausto Foresti, Michael Alfaro, and Claudio Oliveira. 2022. Accelerated diversification explains the exceptional species richness of tropical characoid fishes. *Systematic Biology*, 71(1): 78-92. <https://doi.org/10.1093/sysbio/syab040>
- Sidlauskas, Brian L.**[†], Fernando M. Assega[†], Bruno F. Melo, Claudio Oliveira, and José L. O. Birindelli. 2022. Total evidence phylogenetic analysis reveals paraphyly of *Anostomoides* and uncovers an unexpectedly ancient genus of Anostomidae fishes. *Zoological Journal of the Linnean Society*, 194(2) 626-669. <https://doi.org/10.1093/zoolinnean/zlab016>
- Sidlauskas, Brian L.**, Michael D. Burns*, Thaddaeus J. Buser*, Nicholas Harper, and Mark Kindred. 2021. Teaching ichthyology online with a virtual specimen collection. *Ichthyology and Herpetology*, 109(2): 407-423. <https://doi.org/10.1643/t2020031>
- Bronaugh, Whitcomb M.*, Ernst Swartz, and **Brian L. Sidlauskas**. 2020. Between an ocean and a high place: coastal drainage isolation generates endemic cryptic species in *Sandelia capensis* (Cuvier 1829) (Anabantiformes: Anabantidae), Cape Region, South Africa. *Journal of Fish Biology* 96(5): 1087-1099. <https://doi.org/10.1111/jfb.14182>
- Mipounga, Hans Kevin, Joe Cutler*, Jean Hervé Mve Beh, Benjamin Adam, and **Brian L. Sidlauskas**. 2020. *Enteromius pinnimaculatus* (Cypriniformes: Cyprinidae), a new species from southern Gabon. *Journal of Fish Biology*, 96(5): 1218-1233. <https://doi.org/10.1111/jfb.13995>
- Ramoejane, Mpho*, Gouws, Gavin, Olaf L. F. Weyl, **Brian L. Sidlauskas**, and Ernst Swartz. 2020. Molecular and morphological evidence reveals hybridisation between two endemic cyprinid fishes. *Journal of Fish Biology*, 96(5): 1234-1250. <https://doi.org/10.1111/jfb.14153>
- Faircloth, Brant C., Fernando Alda, Kendra Hoekzema, Michael D. Burns, Claudio Oliveira, James S. Albert, Bruno F. Melo, Luz E. Ochoa, Fabio F. Roxo, Prosanta Chakrabarty, **Brian L. Sidlauskas**, and Michael E Alfaro. 2020. A target enrichment bait set for studying relationships among ostariophysan fishes. *Copeia*, 108(1): 47-60. <https://doi.org/10.1643/CG-18-139>

- Cutler, Joseph S.*, Andrés Olivos*, **Brian L. Sidlauskas**, and Ivan Arismendi. 2020. Habitat loss due to dam development may affect the distribution of marine-associated fishes in Gabon, Africa. *Ecosphere*, 11(2): e03024. <https://doi.org/10.1002/ecs2.3024>
- Cutler, Joseph S.*, Andrés Olivos*, **Brian L. Sidlauskas**, and Ivan Arismendi. 2020. Evaluating the distribution of freshwater fish diversity using a multispecies habitat suitability model to assess impacts of proposed dam development in Gabon, Africa. *Conservation Science and Practice*, 2(2): e151. <https://doi.org/10.1111/csp2.151>
- Buser, Thaddaeus*, Olivia Boyd*, Álvaro Cortés*, Cassandra Donatelli, Matt Kolmann, Jennifer Luparelli**, Janne Pfeiffenberger, **Brian L. Sidlauskas**, and Adam P. Summers. 2020. The natural historian's guide to the CT galaxy: step-by-step instructions for preparing and analyzing computed tomographic (CT) data using cross-platform, open access software. *Integrative Organismal Biology*, 2(1): obaa009. <https://doi.org/10.1093/iob/obaa009>
- Cutler, Joseph S.*, Jean-Hervé Mvé-Beh, John P. Sullivan, Yves Fermon and **Brian L. Sidlauskas**. 2019. Fish fauna in and around the Rapids of Mboungou Badouma and Doumé Ramsar Site, Gabon. *Check List*, 15(6):997-1029. <https://doi.org/10.15560/15.6.997>
- Burns, Michael* and **Brian L. Sidlauskas**. 2019. Ancient and contingent body shape diversification in a hyperdiverse continental fish radiation. *Evolution*, 73(3): 569-587. <https://doi.org/10.1111/evo.13658>
- Birindelli, José and **Brian L. Sidlauskas**. 2018. Preface: How far has Neotropical Ichthyology progressed in twenty years? *Neotropical Ichthyology*, 16(3): e180128. <https://doi.org/10.1590/1982-0224-20180128>
- Melo, Bruno, **Brian L. Sidlauskas**, Kendra Hoekzema, Richard P. Vari, Casey Dillman and Claudio Oliveira. 2018. Molecular phylogenetics of Neotropical detritivorous fishes of the family Curimatidae (Teleostei: Characiformes). *Molecular Phylogenetics and Evolution*, 127:800-812. <https://doi.org/10.1016/j.ympev.2018.06.027>
- Buser, Thaddaeus J.*, **Brian L. Sidlauskas** and Adam P. Summers. 2018. 2D or not 2D? Testing the utility of 2D vs 3D landmark data in geometric morphometrics of the sculpin subfamily Oligocottinae (Pisces; Cottoidea). *Anatomical Record*: 301: 806-818. <https://doi.org/10.1002/ar.23752>
- Sidlauskas, Brian L.** and José L. O. Birindelli. 2017. Family Anostomidae - toothed headstanders. *In Field guide to the fishes of the Amazon, Orinoco & Guianas*. Peter Van der Sleen and James Albert, eds. Princeton University Press. 82-89.
- Melo, Bruno F. and **Brian L. Sidlauskas**. 2017. Family Chilodontidae – headstanders. *In Field guide to the fishes of the Amazon, Orinoco & Guianas*. Peter Van der Sleen and James Albert, eds. Princeton University Press. 141-142
- Melo, Bruno F. and **Brian L. Sidlauskas**. 2017. Family Prochilodontidae – flannelmouth characins. *In Field guide to the fishes of the Amazon, Orinoco & Guianas*. Peter Van der Sleen and James Albert, eds. Princeton University Press. 170-172.
- Burns, Michael D.*, Marcus Chatfield**, José L. O. Birindelli and **Brian L. Sidlauskas**. 2017. Systematic assessment of the *Leporinus desmotes* species complex, with a description of two new species. *Neotropical Ichthyology*, 15(2). e160166. <https://doi.org/10.1590/1982-0224-20160166>
- Evans, Kory*, Brandon Waltz*, Victor Tagliacollo*, **Brian L. Sidlauskas** and James Albert. 2017. Fluctuations in evolutionary integration allow for big brains and disparate faces. *Scientific Reports*, 7: 40431. <https://doi.org/10.1038/srep40431>
- Melo, Bruno F., **Brian L. Sidlauskas**, Benjamin W. Frable, Kendra Hoekzema, Richard P. Vari, and Claudio Oliveria. 2016. Molecular phylogenetics of the family Prochilodontidae (Ostariophysi: Characiformes). *Molecular Phylogenetics and Evolution* 102: 189-201. <https://doi.org/10.1016/j.ympev.2016.05.037>
- Frable, Benjamin F*, Bruno F. Melo, **Brian L Sidlauskas**, Kendra Hoekzema, Richard P Vari and Claudio Oliveira. 2016. Data on the multilocus molecular phylogenies of the Neotropical fish

- family Prochilodontidae (Teleostei: Characiformes). Data in Brief, 9: 128-142. <https://doi.org/10.1016/j.dib.2016.08.015>
- Larochelle, Colette R**, Francisco A.T. Pickens**, Michael D. Burns*, and **Brian L. Sidlauskas**. 2016. Long-term isopropanol storage does not alter fish morphometrics. Copeia 104(2): 411-420. <https://doi.org/10.1643/CG-15-303>
- Dillman, Casey B., **Brian L. Sidlauskas**, and Richard P. Vari. 2016. A morphological supermatrix-based phylogeny for the Neotropical fish superfamily Anostomoidea (Ostariophysi: Characiformes): phylogeny, missing data, and homoplasy. Cladistics, 32(3), 276-296. <https://doi.org/10.1111/cla.12127>
- Frable, Benjamin W.*, D. Wolfe Wagman, Taylor N. Frierson, Andres Aguilar, and **Brian L. Sidlauskas**. 2015. A cryptic species of *Sebastes* (Teleostei: Scorpaeniformes) from the northeastern Pacific, with a redescription of the blue rockfish, *S. mystinus* (Jordan and Gilbert, 1881). Fishery Bulletin 113:355-377. <https://doi.org/10.7755/FB.113.4.1>
- Burns, Michael D.*, Benjamin W. Frable*, and **Brian L. Sidlauskas**. 2014. A new species of *Leporinus* (Characiformes: Anostomidae) from the Orinoco basin, Venezuela. Copeia, 2014(2): 206-214. <https://doi.org/10.1643/CI-13-071>
- Hoekzema, Kendra* and **Brian L. Sidlauskas**. 2014. Molecular phylogenetics and microsatellite analysis reveal cryptic species of speckled dace (Cyprinidae: *Rhinichthys osculus*) in Oregon's Great Basin. Molecular Phylogenetics and Evolution, 77: 238-250. <https://doi.org/10.1016/j.ympev.2014.04.027>
- Melo, Bruno F.*, **Brian L. Sidlauskas**, Kendra Hoekzema*, Richard P. Vari and Claudio Oliveira. 2014. The first molecular phylogeny of Chilodontidae (Teleostei: Ostariophysi: Characiformes) reveals cryptic biodiversity and taxonomic uncertainty. Molecular Phylogenetics and Evolution, 70:286-295. <https://doi.org/10.1016/j.ympev.2013.09.025>
- Rabosky, Daniel L., Francesco Santini, Jonathan Eastman, Stephen A. Smith, **Brian Sidlauskas**, Jonathan Chang*, and Michael E. Alfaro. 2013. Rates of speciation and morphological evolution are correlated across the largest vertebrate radiation. Nature Communications, 4(1958): 1-8. <https://doi.org/10.1038/ncomms2958>
- Stoltzfus, Arlin, Hilmar Lapp, Naim Matasci, Helena Deus, **Brian Sidlauskas**, Christian M. Zmasek, Gaurav Vaidya, Enrico Pontelli, Karen Cranston, Rutger Vos, Campbell O. Webb, Luke J. Harmon, Megan Pirrung*, Brian O'Meara, Matthew W. Pennell, Siavash Mirarab, Michael S. Rosenberg, James P. Balhoff, Holly M. Bik, Tracy A. Heath*, Peter E. Midford, Joseph W. Brown, Emily Jane McTavish*, Jeet Sukumaran, Mark Westneat, Michael E. Alfaro, Aaron Steele and Greg Jordan. 2013. Phylotastic! Making tree-of-life knowledge accessible, reusable and convenient. BMC Bioinformatics, 14:158. <https://doi.org/10.1186/1471-2105-14-158>
- Bogan, Sergio, **Brian Sidlauskas**, Richard P. Vari, and Federico Agnolin. 2012. *Arrhinolemur scalabrinii* Ameghino, 1898, of the late Miocene — a taxonomic journey from the Mammalia to the Anostomidae (Ostariophysi, Characiformes). Neotropical Ichthyology, 10(3): 555-560. <https://doi.org/10.1590/S1679-62252012000300008>
- Sidlauskas, Brian L.** and Richard P. Vari. 2012. Diversity and distribution of anostomoid fishes in the Guyanas. Cybium, 36(1): 71-103. <https://doi.org/10.26028/cybium/2012-361-008>
- Richard P. Vari, **Brian L. Sidlauskas**, and Pierre-Yves Le Bail. 2012. A new species of *Cyphocharax* from Suriname and French Guiana and a discussion of curimatid diversity on the Guiana Shield. Cybium, 36(1) 63-69. <https://doi.org/10.26028/cybium/2012-361-007>
- Haig, Susan M., Whitcomb M. Branaugh*, Rachel S. Crowhurst, Jesse D'Elia, Collin A. Eagles-Smith, Clinton W. Epps, Brian Knaus, Mark P. Miller, Michael L. Moses**, Sara Oyler-McCance, W. Douglas Robinson, and **Brian Sidlauskas**. 2011. Genetic applications in avian conservation. The Auk, 128(2): 205-229. <https://doi.org/10.1525/auk.2011.128.2.205>
- Dornburg, Alex**, **Brian L. Sidlauskas**, Francesco Santini, Laurie Sorenson, Thomas J. Near, and Michael E. Alfaro. 2011. The influence of an innovative locomotor strategy on the

- phenotypic diversification of triggerfishes. *Evolution*, 65(7): 1912-1926. <https://doi.org/10.1111/j.1558-5646.2011.01275.x>
- Sidlauskas, Brian L.**, Jan Mol, and Richard P. Vari. 2011. Dealing with allometry in linear and geometric morphometrics: a taxonomic case study in the *Leporinus cylindriformis* group (Characiformes: Anostomidae), with a description of a new species from Suriname. *Zoological Journal of the Linnean Society*, 162: 103-130. <https://doi.org/10.1111/j.1096-3642.2010.00677.x>
- Harmon, Luke J., Jonathan B. Losos, Jonathan Davies, Rosemary G. Gillespie, John L. Gittleman, W. Bryan Jennings, Kenneth Kozak, Mark A. McPeck, Franck Moreno-Roark, Tom J. Near, Andy Purvis, Robert E. Ricklefs, Dolph Schluter, James A. Schulte II, Ole Seehausen, **Brian L. Sidlauskas**, Omar Torres-Carvajal, Jason T. Weir, and Arne Ø. Mooers. 2010. Early bursts of body size and shape evolution are rare in comparative data. *Evolution*, 64(8): 2385-2396. <https://doi.org/10.1111/j.1558-5646.2010.01025.x>
- Sidlauskas, Brian L.**, Ganeshkumar Ganapathy, Samantha Price, Einat Hazkani-Covo, Lauren W. McCall, Paula A. Spaeth, Kristin P. Jenkins, Ryan Scherle, Hilmar Lapp, and David M. Kidd. 2010. Linking big: the continuing promise of evolutionary synthesis. *Evolution*, 64(4): 871-880. <https://doi.org/10.1111/j.1558-5646.2009.00892.x>
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BOOK REVIEWS

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OBITUARIES

- Brian L. Sidlauskas**, Naérico Menezes, André Luiz Netto-Ferreira, and Manoela Marinho. Marilyn J. S. Weitzman July 1926 – 27 July 2022. Boletim da Sociedade Brasileira de Ictiologia, (140), 56-64. https://www.sbi.bio.br/images/sbi/boletim-docs/2022/outubro_140.pdf
- Sidlauskas, Brian L.**, Carl Ferraris, Lynne Parenti, Mario de Pinna, Gordon McGregor Reid and Vicki Funk. 2017. In Memoriam Richard P. Vari (1949-2016). Copeia, 105(1): 147-160. <https://doi.org/10.1643/CI-16-550>
- Fisch-Muller, Sonia, Jan Mol, Pierre-Yves Le Bail, **Brian Sidlauskas** and Raphaël Covain. 2016. In Memoriam Richard P. Vari (1949-2016). Cybium 40(2) : 107. <https://sfi-cybium.fr/en/memoriam-dr-richard-p-vari-1949-2016>

HIGH-PROFILE MAGAZINE ARTICLE

- Sidlauskas, Brian L.**, Calvin Bernard, Devin Bloom*, Whitcomb Bronaugh*, Michael Clementson** and Richard P. Vari. 2011. Ichthyologists hooked on Facebook. Science 332: 537. <https://doi.org/10.1126/science.332.6029.537-c>

TECHNICAL REPORTS

- Cutler, Joseph*, Colin Apse, Thibault Cavelier de Cuverville, Yves Fermon, Jean-Hervé Mvé-Beh, Marie-Claire Paiz, **Brian Sidlauskas** and John P. Sullivan. 2016. Fish Biodiversity Assessment of the Rapid of Mboundou Badouma and Doumé Ramsar Site and Surrounding Areas in Gabon. The Nature Conservancy. 128 pages.
- Hoekzema, Kendra* and **Brian L. Sidlauskas**, 2012 and 2013. Geographic, taxonomic, and phylogenetic analysis of speckled dace from Foskett Spring and adjacent basins. Report to

the Bureau of Land Management on Interagency Agreements: BLM L10AC20526 and LXCH1204900.

Hoekzema, Kendra* and **Brian L. Sidlauskas**, 2011. Geographic, taxonomic, and phylogenetic analysis of speckled dace from Foscett Spring and adjacent basins” Report to the Bureau of Land Management on Interagency Agreement: BLM L10AC20526.

Hoekzema, Kendra* and **Brian Sidlauskas**. 2011. Geographic, taxonomic, and phylogenetic analysis of speckled dace from Foscett Spring and adjacent basins. Report to Oregon Department of Fisheries and Wildlife on Interagency Agreement: ODFW No. 090-10130-IAA-Fish.

POPULAR ARTICLE

Sidlauskas, Brian L. 2022. Towards uncovering the hidden diversity of Oregon’s freshwater sculpins. Ripples in the Grande Ronde, Summer-Fall 2022. 4-5.
https://grmw.org/static/documents/ripples/2022/SummerFall_Ripples2022_WEB.pdf

PUBLICATIONS BY MY STUDENTS WHILE IN MY LAB (not co-authored by me)

Buser, Thaddaeus*, Darby Finnegan, Adam P. Summers, and Matt Kolmann. 2019. Have niche, will travel: New means of linking diet and ecomorphology reveals niche conservatism in freshwater cottoid fishes. *Integrative Organismal Biology*, 1(1): obz023.
<https://doi.org/10.1093/iob/obz023>

Burns, Michael D.* and Kassi S. Cole. 2017. Reproductive morphology and its application in testing molecular systematic hypotheses in the family Gobiidae (Teleostei: Gobiiformes). *Journal of Fish Biology*. <https://doi.org/10.1111/jfb.13403>

Buser, Thaddaeus*, Michael D. Burns* and J. Andrés Lopez. 2017. Littorally adaptive? Testing the link between habitat, morphology, and reproduction in the intertidal sculpin subfamily Oligocottinae (Pisces: Cottoidea). *PeerJ*, 5(8):e3634. <https://doi.org/10.7717/peerj.3634>

Burns, Michael D.*. 2017. Family Gasteropelecidae- freshwater hatchetfish. In *Field guide to the fishes of the Amazon, Orinoco & Guianas*. Peter Van der Sleen and James Albert, eds. Princeton University Press. 158-160.

Burns, Michael D.*. 2016. A pocket review of a pocket field guide. *Environmental Biology of Fishes*, 99(11): 907- 908. <https://doi.org/10.1007/s10641-016-0527-4>

THESES TO WHICH I CONTRIBUTED RESEARCH, WRITING and/or EDITORIAL SUPPORT

Lima Filho, Humberto de*. 2024. Análise filogenética do gênero *Megaleporinus* Ramirez et. al. 2016 (Characiformes: Anostomidae). Master’s Thesis. Universidade Estadual de Londrina, Brazil.

Gomes, Amanda Alves*. 2023. Exploring ecomorphological patterns and the evolution of shape in Stomiiformes (Actinopterygii: Teleostei): a study of deep-sea fish adaptations. Universidade de São Paulo, Brazil.

Liyandja, Tobit*. 2023. Phylogenomics, historical biogeography and temporal diversification of African *Labeo* (Cypriniformes, Cyprinidae). Doctoral Dissertation. American Museum of Natural History.

Hutton, Sara*. 2023. Comparative aquatic toxicology of pesticides and plastics in the model estuarine fish, Inland Silverside. Doctoral Dissertation. Oregon State University.

Bippus, Alex*. 2022. Permineralized Mesozoic moss gametophytes and their implications for bryophyte evolution. Doctoral Dissertation. Oregon State University.

Grimes, Juniper*. 2022. The long and short of it: Dynamic ways in which small mammals respond in-situ to environmental gradients in time and space. Master’s Thesis. Oregon State University.

- Bynes, Kenya*. 2021. Influence of oceanographic conditions on copepod (*Calanus pacificus*) genetic expression. Master's Thesis. Oregon State University.
- Gomez, Antonio R*. 2021. Diversity and evolution of sexual traits in ground beetles (Family Carabidae). Doctoral Dissertation. Oregon State University.
- Buser, Thaddaeus*. 2020. Stags of the sea or hedgehogs of the harbor? Inferring the point of sculpin cranial weaponry. Doctoral Dissertation. Oregon State University.
- Nichols, Benjamin**. 2019. Genetic and morphological evidence suggests cryptic speciation within the Torrent Sculpin, *Cottus rhotheus*, across the Pacific Northwest. Honors College Thesis. Oregon State University.
- Cutler, Joseph*. 2019. Biodiversity, biogeography and conservation of freshwater fishes in Gabon. Doctoral Dissertation. University of California, Santa Cruz.
- Burns, Michael*. 2018. Tempo and mode of lineage and morphological diversification in a hyperdiverse freshwater fish radiation (Teleostei: Characiformes). Doctoral Dissertation. Oregon State University.
- Evans, Kory*. 2017. Evolution of craniofacial diversity in Neotropical electric fishes (Gymnotiformes: Teleostei). Doctoral Dissertation. University of Louisiana at Lafayette.
- Ramoejane, Mpho*. 2017. Evolution and conservation of Southern African *Labeo* fishes in relation to water management. Doctoral Dissertation. Rhodes University, South Africa.
- Bronaugh, Whitcomb*. 2016. Phylogenetics, biogeography, morphological variation, and taxonomic revision of *Sandelia capensis* (Cuvier 1829) (Anabantiformes: Anabantidae), a freshwater fish from the coastal streams of the Cape Region. Doctoral Dissertation. Oregon State University.
- Frale, Benjamin*. 2015. Tempo and mode of diversification in the Neotropical fish superfamily Anostomoidea (Ostariophysi: Characiformes). Master's Thesis. Oregon State University.
- Albertson, Renee*. 2014. Worldwide phylogeography and local population structure of the rough-toothed dolphin (*Steno bredanensis*). Doctoral Dissertation. Oregon State University.
- Hoekzema, Kendra*. 2013. Phylogenetic and morphometric analysis of speckled dace (*Rhinichthys osculus*) from Oregon's Great Basin. Master's Thesis. Oregon State University.
- Thurman, Lindsey*. 2011. Elevational differences in UV-B response by the long-toed salamander (*Ambystoma macrodactylum*). Master's Thesis. Oregon State University.

INVITED LECTURES

- Sidlauskas, Brian L.** 2026. The “Noseless Lemur” that Rose from the Dead, and Other Fish Tales in Anostomidae and Beyond. American Museum of Natural History.
- Sidlauskas, Brian L.** 2025. What can you do with millions of preserved fishes? Mapping, machine learning, microplastics, macroevolution, and more. University of New Orleans, Department of Biology.
- Sidlauskas, Brian L.** 2025. What can you do with millions of preserved fishes? Mapping, machine learning, microplastics, macroevolution, and more. University of Louisiana, Lafayette Department of Biology.
- Sidlauskas, Brian L.** 2024. Giant ancient salmons, tiny recent minnows, and more sculpins than anyone expected: Ichthyological advances in the Pacific Northwest. Louisiana State University, Department of Biology.
- Sidlauskas, Brian L.** 2024. Emerging perspectives on the diversification of characiform fishes. Zoological Museum of the University of São Paulo, Brazil.
- Sidlauskas, Brian L.** 2024. Giant ancient salmons, tiny recent minnows, and unexpected sculpins. New discoveries about the ichthyological diversity of the Pacific Northwest of North America. University of São Paulo, Brazil.
- Sidlauskas, Brian L.** 2023. Uncovering and understanding ichthyological diversification on three continents. Idaho State University, Department of Biology.

- Sidlauskas, Brian L.** 2023. Uncovering and understanding ichthyological diversification on three continents. Tulane University, Department of Ecology and Evolutionary Biology.
- Sidlauskas, Brian L.** 2022. Uncovering Gabon's ichthyological richness prior to dam-nation? Oregon State University Department of Fisheries, Wildlife and Conservation Sciences, Monday Morning Meetings.
- Sidlauskas, Brian L.** 2021. Ichthyological explorations of exceptional diversification among tropical freshwater fishes. University of Maine – Department of Wildlife, Fisheries and Conservation Biology. Delivered online because of the SARS-CoV-2 pandemic.
- Sidlauskas, Brian L.** Michael Burns, Bruno Melo, Thaddaeus Buser* and Camila Souza*. 2020. Abordagens macroevolutivas da diversificação morfológica de peixes caracíformes e cottídeos (in Portuguese). University of Parnaíba, Brazil. Delivered online because of the SARS-CoV-2 pandemic.
- Sidlauskas, Brian L.** Michael Burns, Bruno Melo, Thaddaeus Buser* and Camila Souza*. 2020. Abordagens macroevolutivas da diversificação morfológica de peixes caracíformes e cottídeos (in Portuguese). State University of São Paulo, Botucatu, Brazil. Delivered online because of the SARS-CoV-2 pandemic.
- Sidlauskas, Brian L.** Michael Burns, Bruno Melo, Thaddaeus Buser* and Camila Souza*. 2020. Macroevolutionary approaches to the diversification of characiform and cottiform fishes. Federal University of Rio Grande do Sul, Porto Alegre, Brazil. Delivered online because of the SARS-CoV-2 pandemic.
- Sidlauskas, Brian L.** 2020. Peixes fantásticos e seu phylomorphospace: abordagem macroevolutivas para estudos de diversidade de peixes (in Portuguese). State University of Londrina, Paraná, Brazil.
- Sidlauskas, Brian L.** 2019. Teaching ichthyology online with a virtual specimen collection. Oregon State University Ecampus Faculty Forum, Corvallis, OR.
- Sidlauskas, Brian L.**, Joe Cutler*, Andrés Olivos*, Benjamin Adam, Jean Hervé Mve Beh, Hans Kevin Mipounga, and Ivan Arismendi. 2019. Are Gabon's fishes worth a dam? Oregon State University, Department of Fisheries and Wildlife, Monday Morning Meetings, Corvallis, OR.
- The Nature Conservancy Gabon Team.** 2018. Projet de Ngoulmendjim: Présentation de résultats préliminaires sur la possible portée des effets du projet sur la biodiversité aquatique (in French). Delivered online to ERANOVE hydropower company in Cote d'Ivoire.
- Sidlauskas, Brian L.** 2017. Ichthyological explorations on three continents. State University of Londrina, Paraná, Brazil.
- Sidlauskas, Brian L.** 2017. Description des nouvelles espèces des poissons (in French). Presentation to Gabon's National Institute for Agricultural and Forestry Research, Libreville, Gabon.
- Sidlauskas, Brian L.** 2017. A renaissance for the Oregon State Ichthyology Collection. Oregon State University Library Association, Valley Library, Corvallis, OR.
- Sidlauskas, B. L.** 2017. The diversification of Neotropical headstanding fishes, and Other Fish Tales. Yale University, New Haven, CT.
- Sidlauskas, Brian L.** 2016. Exploration ichthyologique des rivières Ogooué et Sébé: un modèle de collaboration internationale (in French). Workshop on Scientific Partnerships and Development in Gabon. Libreville, Gabon.
- Sidlauskas, Brian L.** 2016. Developments and diversity in the Oregon State Ichthyology Collection. Oregon State University Fisheries and Wildlife Club, Corvallis, OR.
- Sidlauskas, Brian L.** 2015. Ichthyological exploration on three continents. Hatfield Marine Science Center, Newport, OR
- Sidlauskas, Brian L.** 2015. Ichthyological exploration on three continents. OSU Fisheries and Wildlife departmental seminar, Corvallis, OR
- Sidlauskas, Brian L.** 2015. Ichthyological exploration of the Ogooué and Sébé Rivers, Gabon. Oregon State University Africa Initiative, Corvallis, OR

- Sidlauskas, Brian L.** 2015. An ichthyologist's travelogue on the Ogooué River, Gabon. 2015. Oregon State University Stream Team, Corvallis, OR
- Sidlauskas, Brian L.,** Michael Alfaro, Michael Burns*, Casey Dillman, Brant Faircloth, Ben Frable*, Kendra Hoekzema, Bruno Melo, Claudio Oliveira, Mark Sabaj Perez and Richard Vari. 2015. Molecular phylogenetics yield new insights into the exceptional morphological radiation of Neotropical headstanding fishes (Characiformes: Anostomoidea). XXI Encontro Brasileiro de Ictiologia, Recife, Brazil.
- Sidlauskas, Brian L.** 2014. Phylomorphospace, Facebook and fantastic fishes: synthetic approaches to the study of ichthyological diversity. Portland State University, Department of Biological Sciences, Portland, OR.
- Sidlauskas, Brian L.** 2013. Phylomorphospace, Facebook and fantastic fishes: synthetic approaches to the study of ichthyological diversity. University of California Berkeley, Museum of Vertebrate Zoology, Berkeley, CA.
- Sidlauskas, Brian L.** 2012. Phylomorphospace, Facebook and fantastic fishes: synthetic approaches to the study of ichthyological diversity. American Museum of Natural History, New York, NY.
- Sidlauskas, Brian L.** 2012. The collection in the classroom and beyond. American Museum of Natural History, New York, NY.
- Sidlauskas, Brian L.** 2012. Ichthyological exploration of the heavily mined Cuyuni river in Guyana, and other fish tales. OSU Fisheries and Wildlife departmental seminar, Corvallis, OR
- Sidlauskas, Brian L.** 2011. What is synthesis? Address to the United States National Science Foundation, Arlington, VA
- Sidlauskas, Brian L.** 2010. Synthesizing phylogenetics and morphometrics to understand the diversification of shape in tropical fishes and fossil tetrapods. University of Oregon, Eugene – Center for Ecology and Evolutionary Biology.
- Sidlauskas, Brian L.** 2009. Reconstructing replicate radiations in South American and African characiform fishes. University of North Carolina at Greensboro - Department of Biology
- Sidlauskas, Brian L.** 2008. Understanding unequal diversification of anatomy and ecology in sister groups of tropical freshwater fishes. Johnson C. Smith University – Honors College and Department of Natural Sciences
- Sidlauskas, Brian L.** 2007-2008. The results of a replicate radiation: reconstructing parallel ecomorphological diversification in African and South American characiform fishes. Texas A&M University – Department of Wildlife and Fisheries Sciences; The University of Puerto Rico, Río Piedras – Department of Biology; The University of Alaska, Fairbanks – School of Fisheries and Ocean Sciences
- Sidlauskas, Brian L.** 2006-2007. Rates and trends in morphological diversification in sister clades of characiform fishes. The Field Museum – Department of Zoology; The Royal Ontario Museum – Department of Natural History; Virginia Institute of Marine Science – Department of Fisheries Science
- Sidlauskas, Brian L.** 2006. Diversification and morphological evolution in characiform fishes. University of Wisconsin, Eau Claire – Department of Biology
- Sidlauskas, Brian L.** 2004-2005. Hyperdisparate headstanders and static slime-suckers: Unequal rates of morphological diversification in sister clades of tropical fishes. Chicago State University – Department of Biological Sciences; University of New Orleans – Office of Research and Department of Biological Sciences

INVITED CONFERENCE PRESENTATIONS

- Sidlauskas, Brian L.** 2024. Reintegrating ichthyology into taxonomy in the era of big genetic data (and big morphological data too!). Plenary presentation at *Génética 2024: 69th Brazilian Congress of Genetics*. Campos de Jordão, Brazil.

- Sidlauskas, Brian L.** 2021. New phylogenetic and phylogenomic insights about the diversification of characiform fishes. Plenary presentation at *Génetica 2021: 66th Brazilian Congress of Genetics*. Delivered online because of the SARS-CoV-2 pandemic.
- Sidlauskas, Brian L.** 2019. Teaching ichthyology online with a virtual specimen collection. Joint Meeting of Ichthyologists and Herpetologists, Snowbird, Utah.
- Sidlauskas, Brian L.**, 2017. An introduction to Richard Vari's legacy, with examples from a decade of collaboration on the systematics and diversification of Anostomoidea. Second International Symposium on Phylogeny and Classification of Neotropical Fishes. Londrina, Brazil.
- Sidlauskas, Brian L.** Michael Alfaro, Michael Burns*, Casey Dillman, Ben Frable*, Kendra Hoekzema, Bruno Melo, Claudio Oliveira, Mark Sabaj, Richard P. Vari, Brant Faircloth. 2017. Macroevolution and morphological diversification of anostomoid fishes as revealed by new comprehensive molecular and morphological phylogenies. Second International Symposium on Phylogeny and Classification of Neotropical Fishes, Londrina, Brazil.
- Sidlauskas, Brian L.** 2016. A renaissance for the Oregon State Ichthyology Collection. Workshop on Larval Fishes. Virginia Institute of Marine Sciences, Gloucester Point, VA.
- Sidlauskas, Brian L.** 2015. When has convergence actually occurred? Symposium in honor of Donn Rosen. Joint Meeting of Ichthyologists and Herpetologists, Reno, NV.
- Sidlauskas, Brian L.** 2014. Challenges in curating the Oregon State Ichthyology Collection. iDigBio Workshop on Small Collections. Mt. Pleasant, MI.
- Sidlauskas, Brian L.** 2013. Challenges and solutions in digitizing and rejuvenating the Oregon State University Ichthyology Collection. iDigBio Workshop on Digitizing Wet Collections. Lawrence, KS.
- Sidlauskas, Brian L.** 2013. Getting a job in academia. *Research Advances in Fisheries, Wildlife and Ecology*. Corvallis, OR.
- Sidlauskas, Brian L.** 2012. The collection in the classroom and beyond. Symposium on natural history collections, ASIH Annual Meeting, Vancouver, BC, Canada.
- Sidlauskas, Brian L.** 2010. New directions in ichthyology at Oregon State University. Keynote address at Gilbert Ichthyological Society Annual Meeting, Newport, OR.
- Sidlauskas, Brian L.** 2008. The results of a replicate radiation: reconstructing parallel ecomorphological diversification in African and South American characiform fishes. Symposium on testing macroevolutionary hypotheses of diversification: approaches and perspectives. SICB Annual Meeting, San Antonio, TX

CONFERENCE PRESENTATIONS

- Sidlauskas, Brian L.** Justin Mann, Yasin Bakiş, Xiaojun Wang, Grace Gleason, Paula Burch, Andrew Jones, and Hank Bart, Jr.. 2026. What can the world's largest collection of preserved post-larval fishes do for you? American Fisheries Society, Southern Division. New Orleans, LA.
- Sidlauskas, Brian L.**, Bruno F. Melo, José L. O. Birindelli, Michael D. Burns, Benjamin W. Frable, Kendra Hoekzema, Casey B. Dillman, Mark H. Sabaj, and Claudio Oliveira. 2025. Filogenética molecular, uma nova classificação e um novo gênero da família de peixes neotrópicos Anostomidae (Teleostei: Characiformes). Twenty-fifth meeting of the Brazilian Ichthyological Society. Palmas, Tocantins, Brasil. (in Portuguese).
- Sidlauskas, Brian L.**, Joe Cutler, Jean Hervé Mve Beh, David Jacobson, Benjamin Barca, Han Kevin Mipounga, Rebecca Friedrich, Ava Ivy, Laurel Nave-Powers, Edouard Nzengue, Franck Nzigou, Marie-Lousie Yedi, Dustin Campbell, Russel Campbell and Mireya Vazquez. 2023. Towards a vouchered reference sequence database to support study and monitoring of Gabon's freshwater fish diversity. Seventh Pan-African Fish and Fisheries Conference. Brazzaville, Republic of Congo.

- Sidlauskas, Brian L.**, Samarth Mathur, Hakan Aydoğan, Fred Monzyk and Andrew N. Black. 2023. Genetic approaches reveal a healthy population and an unexpectedly recent origin for Fosskett Spring Speckled Dace. Oregon Chapter of the American Fisheries Society Annual Meeting, Eugene, Oregon.
- Kerin M. Claeson, **Brian L. Sidlauskas** (presenting author), Zabrina M. Prescott and Edward B. Davis. A newfangled reconstruction of the ancient, giant, sexually dimorphic Pacific salmon, †*Oncorhynchus rastrosus* (Salmonidae: Salmonini). 2022. Oregon Chapter of the American Fisheries Society Annual Non-Game Native Fish Workshop, Madras, Oregon.
- Sidlauskas, Brian L.**, Hakan Aydoğan*, Samarth Mathur, Fred Monzyk and Andrew N. Black. 2022. Genetic approaches reveal a healthy population and unexpected origin for Fosskett Spring Speckled Dace. Joint Meeting of Ichthyologists and Herpetologists, Spokane, WA.
- Sidlauskas, Brian L.**, Hakan Aydoğan*, Samarth Mathur, Fred Monzyk and Andrew N. Black. 2022. Genetic approaches reveal a healthy population and unexpected origin for Fosskett Spring Speckled Dace. Society for the Study Evolution Annual Meeting (delivered remotely).
- Sidlauskas, Brian L.**, Hakan Aydoğan*, Samarth Mathur, Fred Monzyk and Andrew N. Black. 2022. Genetic approaches reveal a healthy population and unexpected origin for Fosskett Spring Speckled Dace. Oregon Chapter of the American Fisheries Society Annual Meeting (delivered remotely).
- Sidlauskas, Brian L.**, Fernando Assega, Bruno F. Melo, Claudio Oliveira and José Birindelli. 2021. Total evidence phylogenetic analysis reveals paraphyly of *Anostomoides* and uncovers an unexpectedly ancient genus of anostomid fishes. Joint Meeting of Ichthyologists and Herpetologists, Phoenix, NV (delivered remotely).
- Sidlauskas, Brian L.**, Fernando Assega, Bruno F. Melo, Claudio Oliveira and José Birindelli. 2021. Total evidence phylogenetic analysis reveals paraphyly of *Anostomoides* and uncovers an unexpectedly ancient genus of anostomid fishes. Society for the Study of Evolution Annual Meeting (delivered remotely).
- Sidlauskas, Brian L.**, Hakan Aydoğan*, Andrew N. Black, Álvaro Cortés*, Brooke E. Penaluna and James Peterson. 2021. Towards a deeper molecular and morphological understanding of Oregon's native non-game fish diversity. Oregon Desert Fishes Working Group Annual Meeting (delivered remotely)
- Sidlauskas, Brian L.**, Hakan Aydoğan *, Andrew N. Black, Álvaro Cortés*, Brooke E. Penaluna and James Peterson. 2021. Towards a deeper molecular and morphological understanding of Oregon's native non-game fish diversity. Oregon Chapter of the American Fisheries Society Annual Meeting (delivered remotely)
- Sidlauskas, Brian L.**, Carlos Botero, J. Gordon Burleigh, Einat Hazkani-Covo, Jenny McGuire, Julie Meachen, Brian C. O'Meara, Trina E. Roberts, Juan C. Santos and Craig McClain. 2021. George Gilchrist's sage advice on everything a new scholar should know. Society of Integrative and Comparative Biologists Annual Meeting (delivered remotely).
- Sidlauskas, Brian L.**, Casey Dillman, Kendra Hoekzema, Bruno Melo, Michael Alfaro, Michael Burns, Ben Frable, Claudio Oliveira, Mark Sabaj, Brant Faircloth, 2018. Vari's morphological legacy in the light of a molecular phylogeny for Anostomoidea. Joint Meeting of Ichthyologists and Herpetologists, Rochester, NY.
- Sidlauskas, B. L.**, Michael Alfaro, Michael Burns, Casey Dillman, Ben Frable, Kendra Hoekzema, Bruno Melo, Claudio Oliveira, Mark Sabaj, Richard P. Vari, Brant Faircloth. 2017. Macroevolution and diversification of Neotropical headstanding fishes as illuminated by a new ultraconserved element phylogeny. Society for the Study of Evolution, Portland, OR.
- Cutler, Joe*, Jean Hervé Mve Beh, John Sullivan, Yves Fermon, Marie-Claire Paiz, Colin Apse, Thibault Cavellier de Cuverville and **Brian Sidlauskas** (presenting author). 2016. The fish biodiversity of the Ogooué Basin: discovery and assessment. Gilbert Ichthyology Society Annual Meeting, Blue River, OR.

- Sidlauskas, Brian L.**, Michael Alfaro, Michael Burns, Casey Dillman, Brant Faircloth, Benjamin Frable, Kendra Hoekzema, Bruno Melo, Claudio Oliveira, Mark Sabaj Perez and Richard Vari. 2016. Morphological and macroevolutionary implications of a molecular phylogeny for Anostomoidea. Joint Meeting of Ichthyologists and Herpetologists, New Orleans, LA.
- Sidlauskas, Brian L.** 2016. Developments and Diversity in the Oregon State Ichthyology Collection. Oregon Chapter of the American Fisheries Society Annual Meeting. Seaside, OR.
- Sidlauskas, Brian L.**, Michael Alfaro, Michael Burns, Casey Dillman, Brant Faircloth, Benjamin Frable, Kendra Hoekzema, Bruno Melo, Claudio Oliveira, Mark Sabaj Perez and Richard Vari. 2016. Molecular phylogenetics, morphometrics and osteology reveal convergences and shifts in the mode of diversification within Neotropical headstanding fishes. Society for Integrative and Comparative Biology Annual Meeting, Portland, OR.
- Sidlauskas, Brian L.** Doug Markle, Michael Burns and Ben Frable. 2015. A renaissance for the Oregon State Ichthyology Collection. Gilbert Ichthyological Society annual meeting, Seabeck, WA.
- Sidlauskas, Brian L.** Doug Markle, Michael Burns and Ben Frable. 2015. A renaissance for the Oregon State Ichthyology Collection. Society for the Preservation of Natural History Collections annual meeting, Gainesville, FL.
- Hoekzema, Kendra L.*, Erin Peterson** and **Brian L. Sidlauskas** (presenting author). 2015. Genetic and morphological diversity of stream and spring speckled daces (*Rhinichthys osculus*) throughout Oregon's high desert. Desert Fishes Meeting, Bend, OR.
- Sidlauskas Brian L.**, Michael Alfaro, Michael Burns*, Casey Dillman, Brant Faircloth, Ben Frable*, Kendra Hoekzema, Bruno Melo, Claudio Oliveira and Richard Vari. 2014. New molecular insights into the exceptional morphological radiation of Neotropical headstanding fishes. American Society of Ichthyologists and Herpetologists (ASIH) Annual Meeting, Chattanooga, TN.
- Sidlauskas Brian L.**, Michael Alfaro, Michael Burns*, Casey Dillman, Brant Faircloth, Ben Frable², Kendra Hoekzema, Bruno Melo, Claudio Oliveira and Richard Vari. 2014. Ultraconserved elements yield new insights into the exceptional morphological radiation of Neotropical headstanding fishes (Characiformes: Anostomoidea). Society for the Study of Evolution annual meeting, Raleigh, NC.
- Sidlauskas Brian L.** 2014. New directions in bioinformatics and biodiversity science at the Oregon State Ichthyology Collection. ORAFS Annual Meeting, Eugene, OR.
- Sidlauskas Brian L.** 2013. A year of ichthyological discovery in the Sidlauskas lab. Gilbert Ichthyological Society Annual Meeting, Eatonville, WA.
- Sidlauskas Brian L.**, Michael Alfaro, Michael Burns*, Casey Dillman, Brant Faircloth, Ben Frable*, Kendra Hoekzema, Bruno Melo*, Claudio Oliveira and Richard Vari. 2014. New molecular insights into the exceptional morphological radiation of Neotropical headstanding fishes. Evolutionary Biology in the Pacific Northwest (EVO-WIBO) biannual meeting, Port Townsend, WA.
- Hoekzema, Kendra L.*, Erin Peterson** and **Brian L. Sidlauskas** (presenting author). 2013. Morphometrics, meristics, microsatellites and molecular phylogenetics clarify divergence and taxonomic status of speckled daces throughout Oregon's Great Basin. American Society of Ichthyologists and Herpetologists (ASIH) Annual Meeting, Albuquerque, NM.
- Melo, Bruno M.*, **Brian L. Sidlauskas** (presenting author), Kendra Hoekzema*, Richard P. Vari and Claudio Oliveira. 2013. The first molecular phylogeny of Chilodontidae (Teleostei: Ostariophysi: Characiformes) reveals cryptic biodiversity and taxonomic uncertainty. ASIH Annual Meeting, Albuquerque, NM.
- Sidlauskas, Brian L.**, Ben Frable*, Kendra Hoekzema* and Mark Sabaj Pérez. 2012. Macroevolutionary implications of an in-process molecular phylogeny for anostomoid fishes. ASIH Annual Meeting, Vancouver, British Columbia; Gilbert Ichthyological Society Annual Meeting, Blue River, OR.

- Sidlauskas, Brian L.** and Douglas F. Markle. 2012. Strange and wonderful developments at the Oregon State Ichthyology Collection. ORAFS Annual Meeting, Eugene, OR.
- Sidlauskas, Brian L.** and Douglas F. Markle. 2011. How we learned to stop worrying and love the fire marshal: a practical guide to saving an ichthyology collection. ASIH Annual Meeting, Minneapolis, MN.
- Sidlauskas, Brian L.**, Whit Bronaugh*, Calvin Bernard, Devin Bloom*, Michael Clementson**, and Richard Vari. 2011. Ichthyological exploration of the heavily mined Cuyuni River in Guyana. Gilbert Ichthyological Society Annual Meeting, Seabeck, WA
- Sidlauskas, Brian L.** 2009. Understanding the ecomorphological diversification of African characiform fishes through phylomorphospace analysis. Oral presentation: Society for the Study of Evolution Annual Meeting, Moscow, ID
- Sidlauskas, Brian L.** 2008. Understanding the ecomorphological diversification of African distichodontid and citharinid fishes through phylomorphospace analysis. Poster presentation: International Workshop on Enhancing Freshwater Fish Biodiversity Research in Africa, Grahamstown, South Africa
- Sidlauskas, Brian L.** 2008. Magnitude and mode of morphological diversification in the Anostomoidea (Characiformes): a phylomorphospace approach. ASIH Annual Meeting, Montreal, Canada
- Sidlauskas, Brian L.** 2007. Parallel morphological and ecological diversification in African and South American characiforms. Oral presentation, ASIH Annual Meeting, St. Louis, MO
- Sidlauskas, Brian L.** 2006. Hyperdisparate headstanders and static slime-suckers: trends in morphological diversification within the Characiformes. Winner of Stoye Award (best student presentation in general ichthyology), ASIH Annual Meeting, New Orleans, LA
- Sidlauskas, Brian L.** and Richard Vari. 2006. Phylogenetic relationships within the South American fish family Anostomidae (Ostariophysi: Characiformes), Poster presentation, ASIH Annual Meeting, New Orleans, LA
- Sidlauskas, Brian L.** 2005-2006. Unequal rates of morphological diversification in sister clades of characiform fishes. Oral presentations, Society for Integrative and Comparative Biology (SICB) Annual Meeting, Orlando, FL; ASIH Annual Meeting, Tampa, FL; Society for the Study of Evolution Annual Meeting, Fairbanks, AK
- Sidlauskas, Brian L.** and Geraldo Santos. 2004. *Pseudanos winterbottomi*, a new anostomine species (Teleostei: Characiformes, Anostomidae) from Venezuela and Brazil, and comments on its phylogenetic relationships. Oral presentation, ASIH Annual Meeting, Norman, OK
- Sidlauskas, Brian L.** 2003-2004. Morphological diversification of anostomoid and curimatoid fishes. Winner of Storer Award (best student poster in ichthyology), ASIH Annual Meeting, Manaus, Brazil; Oral presentation, SICB Annual Meeting, New Orleans, LA
- Sidlauskas, Brian L.**, Barry Chernoff and Antonio Machado-Allison. 2002-2003. Geographic and environmental variation in *Bryconops cf. melanurus* from the Pantanal. Oral presentation, SICB Annual Meeting, Toronto, Canada; Poster presentation, ASIH Annual Meeting, July 3-8, 2002, Kansas City, MO

COAUTHORED CONFERENCE PRESENTATIONS

(*graduate student author, ** undergraduate author)

- Gomes, Amanda Alves*, **Brian L. Sidlauskas**, and Marcelo Melo. 2022. Ecomorphology and morphological diversity of fishes of the order Stomiiformes in the deep marine environment. Encontro Brasileiro de Ictiologia, Gramado, BR.
- Heppell, Selina S., Ivan D. Arismendi, Scott A. Heppell, Douglas C. Reese, and **Brian L. Sidlauskas**. 2020. Fish Online! Engaging Fisheries Students through Remote and Online Learning. American Fisheries Society Annual Meeting (delivered remotely).

- Cutler, Joseph*, Juan A. Olivos*, **Brian L. Sidlauskas**, and Ivan D. Arismendi. Predicting distribution of fish guilds in Gabon's Ogooué River. American Fisheries Society Annual Meeting, Reno, NV.
- Buser, Thaddaeus J.* , **Brian L. Sidlauskas** and Adam Summers. 2019. Stags of the sea? Cranial weapon morphology in the fish subfamily Oligocottinae (Cottoidea). International Congress on Vertebrate Morphology, Prague, CZ.
- Buser, Thaddaeus J.* , **Brian L. Sidlauskas** and Adam Summers. 2019. Stags of the sea? Cranial weapon morphology in the fish subfamily Oligocottinae (Cottoidea). Poster presentation at Joint Meeting of Ichthyologists and Herpetologists, Snowbird, UT.
- Cortés, Álvaro*, Andrew Black, Brooke Penaluna, Emily Dziedzic* and **Brian L. Sidlauskas**. Delineating species boundaries for two freshwater sculpin fishes, *Cottus perplexus* and *Cottus gulosus* (Pisces: Cottidae). Poster presentation at Joint Meeting of Ichthyologists and Herpetologists, Snowbird, UT.
- Buser, Thaddaeus J.* , **Brian L. Sidlauskas** and Adam Summers. 2018. Testing for sexual dimorphism in sculpin (Cottoidea: Oligocottinae) cranial weapons using 3D morphometrics. Joint Meeting of Ichthyologists and Herpetologists, Rochester, NY.
- Buser, Thaddaeus J.*, Brian L. Sidlauskas and Adam Summers. 2018. 2D or not 2D? Testing the utility of 2D vs 3D landmark data in geometric morphometrics of the sculpin subfamily Oligocottinae (Pisces; Cottoidea). Joint Meeting of Ichthyologists and Herpetologists. Rochester, NY. Poster presentation, winner of Storer Award for best student poster.
- Nicholas, Benjamin**, Michael Young and **Brian L. Sidlauskas**. 2018. Investigating potential cryptic speciation within the Torrent Sculpin (*Cottus rhotheus*) in the Pacific Northwest. Oregon State University College of Agricultural Sciences, Celebrating Undergraduate Excellence. Poster Presentation
- Cortes, Álvaro**. Victoria E. Kee**, Peter Konstantinidis, Thaddaeus Buser* and **Brian L. Sidlauskas**. 2018. Ontogenesis of the preopercular spine in four sculpin species (Pisces: Cottidae). Oregon State University College of Agricultural Sciences, Celebrating Undergraduate Excellence. Poster Presentation.
- Schlipf, Brooke**, Victoria Kee**, Thaddaeus Buser* and **Brian L. Sidlauskas**. 2018. Weapons and Ornaments and Ecology, Oh My! Development of Curriculum Plan for Cranial Weapons. Oregon State University College of Agricultural Sciences, Celebrating Undergraduate Excellence. Poster Presentation
- Frale, Ben* and **Brian Sidlauskas**. 2015. Ecomorphological diversification and ancient divergences in the superfamly Anostomoidea (Ostariophysi: Characiformes). University of Plymouth, Marine Biology and Ecology Research Centre, Plymouth, UK.
- Frale, Ben* and **Brian Sidlauskas**. 2015. Gill arch diversification and ancient divergences in the superfamily Anostomoidea (Ostariophysi: Characiformes). Joint Meeting of Ichthyologists and Herpetologists, Reno, NV.
- Melo, Bruno*, Kendra Hoekzema, Michael Alfaro, Michael Burns, Brant Faircloth, Benjamin Frable, Richard Vari, Claudio Oliveira and Brian Sidlauskas. 2015. Phylogenomic analysis reveals multiple episodes of diversification within the radiation of South American anostomoid fishes. Society for the Study of Evolution Annual Meeting, Guarujá, Brazil.
- Melo, Bruno*, Richard Vari, Kendra Hoekzema, Benjamin Frable, **Brian Sidlauskas** and Claudio Oliveira. 2015. Molecular systematics of the Neotropical fish family Curimatidae (Teleostei: Characiformes) (poster). Society for the Study of Evolution, Annual Meeting, Guarujá, Brazil.
- Frale, Ben* and **Brian Sidlauskas**. 2015. Ecomorphological diversification of gill arches in the superfamily Anostomoidea (Ostariophysi:Characiformes). Invited presentation at the XXI Encontro Brasileiro de Ictiologia, Recife, Brazil.
- Frale, Ben* and **Brian Sidlauskas**. 2014. It's inner beauty that counts: ecomorphological diversification of gill arches in the superfamily Anostomoidea

- (Ostariophysi:Characiformes). Gilbert Ichthyological Society annual meeting. Blue River, Oregon.
- Frale, Ben* and **Brian Sidlauskas**. 2014. It's inner beauty that counts: ecomorphological diversification of gill arches in the superfamily Anostomoidea (Ostariophysi:Characiformes). Joint Meeting of Ichthyologists and Herpetologists, Chattanooga, TN.
- Peterson, Erin**, Kendra Hoekzema*, Whitcomb Bronaugh* and **Brian L. Sidlauskas**. 2014. Geographic variation in stream and spring populations of the speckled dace (*Rhinichthys osculus*) in Oregon. Oregon Chapter of the American Fisheries Society (ORAFS) Annual Meeting, Eugene, OR.
- Burns, Michael D.*, Brian L. Sidlauskas and Ben W. Fraley*. 2013. A new species of Leporinus (Characiformes: Anostomidae) from the Orinoco Basin, Venezuela. Poster presentation at the Joint Meeting of Ichthyologists and Herpetologists, Albuquerque, NM.
- Bronaugh, Whitcomb*, **Brian L. Sidlauskas**, and Ernst Swartz. 2013. Molecular phylogenetics and biogeography of the Cape Kurper, *Sandelia capensis* (Perciformes: Anabantidae) from the Cape Region of South Africa. Gilbert Ichthyological Society Annual Meeting. Eatonville, WA.
- Bronaugh, Whitcomb*, **Brian L. Sidlauskas**, and Ernst Swartz. 2013. Preliminary Data on the Systematics of the Cape Kurper, *Sandelia capensis* (Perciformes: Anabantidae) from the Cape Region of South Africa. Research Advances in Fisheries, Wildlife, and Ecology, Corvallis, OR.
- Frale, Benjamin W.*, Douglas Markle and **Brian L. Sidlauskas**. 2013. The Oregon State Ichthyology Collection: rehabilitation of an exceptional library of fishes. Poster presentation at ASIH Annual Meeting, Albuquerque, NM.
- Frale, Benjamin W.*, D. Wolfe Wagman, Tyler Frierman, Anders Martinez and **Brian Sidlauskas**. 2013. A cryptic species of *Sebastes* (Teleostei:Scorpaeniformes) from the northeastern Pacific revisited. ORAFS Annual Meeting, Bend, OR.
- Hoekzema, Kendra L.* and **Brian L. Sidlauskas**. 2013. Molecular phylogenetics reveals cryptic diversity in speckled dace from Oregon's Great Basin. Society for the Study of Evolution Annual Meeting, Snowbird, UT.
- Hoekzema, Kendra L.* and **Brian L. Sidlauskas**. 2013. Phylogenetic and morphometric analysis of speckled dace from Oregon's Great Basin. Oregon Desert Fishes Working Group, Bend, OR; ORAFS Annual Meeting, Bend, OR; Research Advances in Fisheries and Wildlife and Ecology, Corvallis, OR.
- Peterson, Erin**, Kendra Hoekzema*, Whitcomb Bronaugh* and **Brian L. Sidlauskas**. 2013. Biogeography of the speckled dace (*Rhinichthys osculus*) in Oregon. Poster Presentation at ORAFS Annual Meeting, Bend, OR.
- Peterson, Erin**, Kendra Hoekzema*, Whitcomb Bronaugh* and **Brian L. Sidlauskas**. 2013. Biogeography of the speckled dace (*Rhinichthys osculus*) in Oregon. Poster presentation at Celebrating Undergraduate Excellence, Corvallis, OR.
- Bronaugh, Whitcomb*, **Brian L. Sidlauskas**, and Ernst Swartz. 2012. Morphological variation in the Cape Kurper, *Sandelia capensis* (Perciformes, Anabantidae) from coastal streams of the Cape Region, South Africa. Joint Meeting of Ichthyologists and Herpetologists, Vancouver, BC, Canada.
- Hoekzema, Kendra* and **Brian Sidlauskas**. 2012. Geographic, taxonomic, and phylogenetic analysis of speckled dace from Fossket Spring and adjacent basins. ORAFS Annual Meeting, Eugene, OR; Research Advances in Fisheries and Wildlife and Ecology, Corvallis, OR; Oregon Desert Fishes Working Group, Bend, OR; Gilbert Ichthyological Society Annual Meeting, Blue Ridge, OR.
- Frale, Benjamin W.*, D. Wolfe Wagman, Tyler Frierman and **Brian Sidlauskas**. 2012. A possible cryptic species of *Sebastes* (Teleostei:Scorpaeniformes) from the northeastern Pacific. Heceta Head Coastal Conference, Florence, OR.

- Frable, Benjamin W.*, D. Wolfe Wagman, Tyler Frierman and **Brian Sidlauskas**. 2012. A new cryptic species of *Sebastes* (Teleostei: Scorpaeniformes) from the Northeastern Pacific, and comments of speciation rates in *Sebastes*. Gilbert Ichthyological Society Annual Meeting, Blue River, OR.
- Peterson, Erin**, Kendra Hoekzema* and **Brian L. Sidlauskas**. 2012. Stinking Lake Spring speckled dace and the biogeography of speckled dace in Oregon. Gilbert Ichthyological Society Annual Meeting, Blue River, OR.
- Peterson, Erin**, and **Brian L. Sidlauskas**. 2012. Taxonomy of Stinking Lake Spring speckled dace (*Rhinichthys osculus*). Howard Hughes Medical Institute Symposium, Corvallis, OR.
- Bronaugh, Whitcomb*, **Brian L. Sidlauskas**, and Ernst Swartz. 2012. Variation in the Cape Kurper, *Sandelia capensis* (Perciformes, Anabantidae) from coastal streams of the Cape Region, South Africa. Gilbert Ichthyological Society Annual Meeting, Blue River, OR.
- Frable, Benjamin W.*, D. Wolfe Wagman, Tyler Frierman, Anders Martinez and **Brian Sidlauskas**. 2012. A new cryptic species of *Sebastes* (Teleostei:Scorpaeniformes) from the northeastern Pacific and comments on speciation rates in *Sebastes*. Gilbert Ichthyological Society Annual Meeting, Blue River, OR.
- Alfaro, Michael, Kaustuv Roy, Jonathan Chang*, Jonathan Eastman, Stephen Smith, Francesco Santini, Julia Baum, Philip Hastings and **Brian Sidlauskas**. 2011. Phylogenetic distribution of commercially exploited fish species: How many times has 'tastiness' evolved? Society for the Study of Evolution Annual Meetings, Norman, OK.
- Hoekzema, Kendra* and **Brian L. Sidlauskas**. 2011. Geographic, taxonomic, and phylogenetic analysis of Foskett Spring speckled dace. Gilbert Ichthyological Society Annual Meeting, Seabeck, WA; Oregon Desert Fishes Working Group, Bend, OR
- Moyers, Sahnzi** and **Brian Sidlauskas**. 2010. Morphometric analysis suggests the presence of multiple species of *Leporellus* (Characiformes:Anostomidae). Gilbert Ichthyological Society Annual Meeting, Newport, OR

STUDENT CONFERENCE PRESENTATIONS (not co-authored)

(*graduate student author, ** undergraduate author)

- Buser, Thaddaeus*. 2017. Lovers and fighters: evolution and ecology of reproduction in oligocottine sculpins. 29th Annual Meeting of the Gilbert Ichthyological Society. Eatonville, WA. Oral Presentation.
- Buser, Thaddaeus*. 2017. Marine to freshwater transitions of cottoids and resulting changes in diet and morphology. Oregon Chapter of the American Fisheries Society. Oral Presentation.
- Hansen, Justin**. and Michael D. Burns*. 2016. Evolution of the Axial Skeleton in the fish order Characiformes. Gilbert Ichthyology Society Annual Meeting, Blue River, OR
- Burns, Michael D*. 2016. Diversification rates in the fish order Characiformes. Gilbert Ichthyology Society Annual Meeting, Blue River, OR
- Burns, Michael D*. 2016. Body shape convergence and rates of morphological evolution in Characiformes. American Society of Ichthyologists and Herpetologists (ASIH) Annual Meeting, New Orleans, LA
- Burns, Michael D.* 2015. Modularity and body shape evolution in characiform fishes. American Society of Ichthyologists and Herpetologists (ASIH) Annual Meeting, Reno, NV.
- Buser, Thaddaeus J.*, Michael D. Burns* and J. Andres Lopez. 2015 Morphological and reproductive divergence associated with habitat shifts in oligocottine sculpins (Cottoidea). American Society of Ichthyologists and Herpetologists (ASIH) Annual Meeting, Reno, NV.
- Burns, Michael D. * and Thaddaeus Buser*. 2015. Body shape convergence in the tidepool sculpins (Cottoidea: Oligocottinae). Research Advances in Fisheries and Wildlife, Corvallis, OR.
- Bronaugh, Whit. 2015. The mammoth in the room: anthropogenic extinction of vertebrates is worse than you think! Research Advances in Fisheries and Wildlife, Corvallis, OR.

- Burns, Michael D.* 2014. Body shape evolution and convergence in characiform fishes. American Society of Ichthyologists and Herpetologists (ASIH) Annual Meeting, Chattanooga, TN.
- Burns, Michael D.* 2014. Body shape evolution in characiform fishes: an almost complete tale. Research Advances in Fisheries and Wildlife, Corvallis, OR.
- Burns, Michael D.* 2013. Body shape evolution in characiform fishes: preliminary results. Gilbert Ichthyological Society Annual Meeting, Eatonville, WA.
- Frale, Benjamin W.* 2013. Contrasting morphological diversification in sister families of fishes from South America (Characiformes: Anostomoidea). Gilbert Ichthyological Society Annual Meeting, Eatonville, WA.
- Burns, Michael D.* 2012. Reproductive morphology: a viable phylogenetic character set for hermaphroditic gobies. Gilbert Ichthyological Society Annual Meeting, Blue River, OR.
- Martin, Adam**. 2012. Patterns of genetic differentiation in the Pygmy Antwren (*Myrmotherula brachyura*) of Amazonia. Undergraduate in my lab, speaking about his summer REU at the Smithsonian. Gilbert Ichthyological Society Annual Meeting, Blue River, OR.
- Frale, Benjamin W.* 2012. A new species of western Atlantic lizardfish (Teleostei: Synodontidae: *Synodus*) and resurrection of *Synodus bondi* Fowler 1939 as a valid species from the Caribbean. Poster presentation at the Joint Meeting of Ichthyologists and Herpetologists, Vancouver, BC, Canada.
- Bronaugh, Whit*. 2011. Morphological variation in speckled dace from the Coast Range of Oregon. Gilbert Ichthyological Society Annual Meeting, Seabeck, WA
- Bronaugh, Whit*. 2010. What does a dace in Oregon have to do with a gourami in South Africa? Gilbert Ichthyological Society Annual Meeting, Newport, OR.

MEDIA COVERAGE

- IFLScience.** January 19, 2026. Where Can You Find A One-Of-A-Kind Pocket Shark Among 8 Million Pickled Fish? Louisiana's WWII Bunkers, Of Course. <https://www.iflscience.com/where-can-you-find-a-one-of-a-kind-pocket-shark-among-8-million-pickled-fish-louisianas-wwii-bunkers-of-course-81907>
- NOLA.com.** December 27, 2025. There are 8 million fish in a World War II bunker outside New Orleans. More arrive soon. https://www.nola.com/news/environment/tulane-8-million-fish-world-war-ii-bunker/article_f67e0043-d913-4e26-8402-c126f02d53d1.html
- Tulane University.** December 8, 2025. Tulane expands its world-leading fish collection with donation of rare deepwater species. <https://news.tulane.edu/pr/tulane-expands-its-world-leading-fish-collection-donation-rare-deepwater-species>
- The Tulane Hullabaloo.** September 17, 2025. Tulane scientist directs world-class jarred fish collection. <https://tulanehullabaloo.com/70434/news/tulane-scientist-directs-world-class-jarred-fish-collection/>
- Smithsonian Magazine.** April 25, 2025. These massive, extinct salmon had spiky teeth like a warthog's tusks. <https://www.smithsonianmag.com/smart-news/these-massive-extinct-salmon-had-spiky-teeth-like-a-warthogs-tusks-180984233/>. Additional coverage of this story in more than 200 other news outlets.
- National Geographic.** April 24, 2024. This 8-foot long "saber-toothed" salmon wasn't quite what we thought. <https://www.nationalgeographic.com/animals/article/saber-tooth-salmon-paleontology-reconstruction>
- Newsweek.** April 24, 2024. Huge, prehistoric salmon had spikes that could have 'easily killed' a shark. <https://www.newsweek.com/huge-prehistoric-salmon-spikes-kill-shark-1893815>.
- The Corvallis Gazette Times.** June 25, 2019. Newly discovered fish named for OSU scientist. https://www.gazettetimes.com/news/local/newly-discovered-fish-named-for-osu-scientist/article_f9c7374e-8dbc-54e9-b89a-fa860d507594.html

- Science Daily.** July 10, 2017. Scientists name new species of fish from the Orinoco region after singer Enya. <https://www.sciencedaily.com/releases/2017/07/170710135316.htm>. See also coverage in the Irish Sun, Irish Examiner, Practical Fishkeeping Magazine, KPTV, and other outlets.
- The Corvallis Gazette Times.** November 7, 2016. Rapture of the Deep. http://www.gazettetimes.com/news/local/rapture-of-the-deep/article_98be16b7-d55b-532a-8954-c88b718c3d90.html
- Beaty Biodiversity Museum.** July 28, 2015. A new species of rockfish joins the “flock”. <https://beatymuseum.ubc.ca/2015/07/29/a-new-species-of-rockfish-joins-the-flock/>
- The Nature Conservancy.** Feb 17 2015. Ogooué: Field Notes from Gabon’s Great River. (No longer available online)
- Christian Science Monitor.** June 6, 2013. Study links speciation to changes in body size in fish. <http://www.csmonitor.com/Science/2013/0606/Study-links-speciation-to-changes-in-body-size-in-fish>
- Wired.com.** October 4, 2012. The lemur that was a fish. <http://www.wired.com/wiredscience/2012/10/the-lemur-that-was-a-fish>. Thoughtful article placing our *Arrhinolemur* paper in a historical biopolitical context.
- LiveScience.** October 3, 2012. Noseless lemur fossil actually a fish. <http://www.livescience.com/23670-noseless-lemur-fossil-actually-fish.html>.
- Terra Talk Podcast.** March 2, 2012. Fishing for facts in Guyana. Podcast produced by OSU undergraduate Dylan McDowell. (No longer available online)
- Facebook Stories.** September 10, 2012. Speeding up Science. Video feature about our use of Facebook to community source fish identification, ultimately attracted more than 10,000 “likes” and hundreds of comments and shares. (No longer available online)
- BBC World Service: Click.** June 7, 2011. <http://www.bbc.co.uk/programmes/p00h05tl>. Contains an interview concerning my team’s use of Facebook to identify thousands of fish specimens from Guyana.
- EarthSky.** May 16, 2011. How a researcher used Facebook to identify thousands of fish. (No longer available online)
- KVAL Eugene, Oregon.** 8 April, 2011. We did in 24 hours what would have taken our team weeks. Broadcast as part of the local nightly news.
- Smithsonian Magazine.** April 1, 2011. Facebook friends of social networking scientists help identify fish. <http://blogs.smithsonianmag.com/aroundthemail/2011/04/facebook-friends-of-social-networking-scientists-help-identify-fish/>
- Facebook.** 30 March, 2011. Facebook story of the week: Facing a deadline, Smithsonian scientists post thousands of photos to their friends to get help cataloging a collection of South American fish--just in the nick of time. www.facebook.com/facebook
- Smithsonian Science.** 24 March, 2011. Facebook friends help scientists quickly identify nearly 5,000 fish specimens collected in Guyana. (No longer available online)
- National Museum of Natural History Unearthed.** March 22, 2011. Crowdsourcing via social media allows rapid remote taxonomic identification. (No longer available online)

GRANTS

- Louisiana Sea Grant Artificial Reefs Assistantship Program.** Linking Imaging Sonar and Sampling to Understand How the Fishes of Lake Pontchartrain Utilize Inshore Artificial Reefs. August 2026-July 2029. \$127,800. Brian Sidlauskas (PI) and Guillaume Rieucan (co-PI).
- Tulane SSE AI-4-All Seed Grant.** November 2025 – October 2026. Bringing Decades of Biological Digitization into the AI Age. \$5,000. Brian L. Sidlauskas (PI) and Yasin Bakış (co-PI).
- Oregon State Agricultural Research Foundation.** February 2024-January 2026. Using

- comparative genomics to reveal how Oregon's endemic Borax Lake Chub survives in its exceptionally hot and alkaline environment. \$14,946. Brian L. Sidlauskas (PI), Clint Epps (Co-PI) and Andrew Black.
- The Nature Conservancy.** August 2023 – January 2024. A 12S reference sequence database for freshwater fish from Gabon. \$26,534. Brian L. Sidlauskas (PI).
- Bureau of Land Management.** June 2020 – December 2023. Genetic diversity and discreteness of Fosskett Spring Speckled Dace. Brian L. Sidlauskas. \$109,774.
- USDA Forest Service.** June 2018 to September 2023. Understanding more about the taxonomy of non-game freshwater fishes in the Pacific Northwest. Brian L. Sidlauskas (PI) and Brooke Penaluna (USDA collaborator). \$15,750.
- USDA Forest Service.** July 2019 to May 2023. Investigating the taxonomy of the *Cottus gulosus* – *C. perplexus* complex in the Pacific Northwest. Brian L. Sidlauskas (PI) and Brooke Penaluna (USDA collaborator). \$10,000.
- Oregon State Natural History Fund.** March 2018 to June 2019. Improvements to the Curation and Digitization of the Oregon State Ichthyology Collection's Paratype and Larval Holdings. Brian L. Sidlauskas and Peter Konstantinidis (Co-PIs). \$5,000.
- OSU CAS Continuing Student Researcher Support Program.** January 2018-December 2018. Testing for cryptic species of Torrent Sculpins (*Cottus rhotheus*) across the Pacific Northwest. Funding for undergraduate research by Honors student Ben Nicholas. \$1000.
- NSF Phylogenetics Systematics.** September 2017 to September 2020. The Evolution of Cranial Weaponry in Sculpin Fishes (Cottoidea). \$200,000. Brian L. Sidlauskas (PI). Written together with Thaddaeus Buser (graduate student) and Adam P. Summers (unfunded collaborator).
- The Nature Conservancy.** July 2017 to June 2018. Characterization of Fish Biodiversity at Three Proposed Dams in Gabon. Brian L. Sidlauskas (PI). \$35,054.
- Gabon-Oregon Center for Transnational Research.** August 2016 to July 2018. The Fish Biodiversity of the Ogooué Basin: Discovery, Assessment and Prediction. Brian L. Sidlauskas (PI). \$16,818, including \$1,838 supplement in August 2017.
- Open Oregon State.** July 2016 to June 2017. Systematics of Fishes Virtual Teaching Collection. Brian L. Sidlauskas (PI). \$3,000.
- Oregon State Natural History Fund.** December 2015 to June 2016. Restoration of the Oregon State Aquatic Invertebrate Collection. Brian L. Sidlauskas (PI) and Jazmin Sproule. \$2,912.
- NSF Phylogenetic Systematics.** April 2013 to March 2017. Harnessing modern phylogenetic comparative methods to understand the diversification of anostomoid fishes. Brian L. Sidlauskas (PI), Richard P. Vari (Co-PI). \$501,433
- NSF Biological Research Collections.** April 2011 to March 2015. Critical upgrades to specimen storage and computerization for the Oregon State University Ichthyology Collection. Brian L. Sidlauskas (PI) and Douglas F. Markle. \$416,729 total, including two REU supplements totaling \$17,500.
- Oregon State University Non-Recurring Equipment Fund.** November 2010 to June 2011. Fisheries and Wildlife teaching microscopes. Brian L. Sidlauskas (PI) and Stanley Gregory \$70,250.
- Bureau of Land Management.** September 2010 to September 2015. Geographic, taxonomic and phylogenetic analysis of speckled dace from Fosskett Spring and adjacent basins. Brian L. Sidlauskas (PI). \$54,995.
- Smithsonian Institution, Biological Diversity of the Guiana Shield Program.** July 2010 to June 2011. Ichthyological Survey of the Cuyuni River in Guyana. Brian L. Sidlauskas (PI). \$19,000.
- Oregon Department of Fish and Wildlife Interagency Agreement.** July 2010 to June 2011. Preliminary taxonomic and phylogenetic analysis of speckled dace from Fosskett Spring and adjacent basins using genetic and morphological data. Brian L. Sidlauskas (PI). \$12,000.

Oregon State University Agricultural Experiment Station Strategic Research Equipment, Information, Infrastructure and Facilities Fund. May 2010 to June 2010. Critical storage upgrade for large specimens in the Oregon State University Ichthyology Collection. Brian L. Sidlauskas (PI) and W.D. Edge. \$79,859 total.

FELLOWSHIPS and SCHOLARSHIPS

Fulbright Scholar. 2023-2024. United States – Brazil Fulbright Program. \$22,300
Fulbright Scholar. 2021-2022. United States – Brazil Fulbright Program. *(Recommended for funding, but I and my family declined to travel due to the lack of an approved COVID vaccine for our young daughter)* United States – Brazil Fulbright Program. \$20,000.
Fulbright Scholar. 2019-2020. United States – Brazil Fulbright Program. \$22,800.
Postdoctoral Fellowship. 2006. National Evolutionary Synthesis Center (NESCent). \$123,000.
Postdoctoral Fellowship. 2006. Smithsonian Institution. Declined in favor of NESCent Fellowship.
Armour Graduate Fellowship. 2005. The Field Museum. \$20,000.
Doctoral Dissertation Improvement Grant. 2004. National Science Foundation. \$10,500.
STAR Graduate Fellowship. 2001. Environmental Protection Agency. \$102,000.
NSF Graduate Fellowship. 2001. Declined in favor of EPA STAR Fellowship.

AWARDS

Fisheries Team of the Year. 2024. Oregon Chapter of the American Fisheries Society.
Meritorious Teaching Award in Ichthyology. 2020. American Society of Ichthyologists and Herpetologists and American Elasmobranch Society.
Shining Star Award. 2019. OSU Department of Fisheries, Wildlife and Conservation Sciences.
R.M. Wade Award for Excellence in Teaching. 2018. OSU College of Agricultural Sciences.
Registry of Distinguished Teachers. 2018. OSU College of Agricultural Sciences.
Shining Star Award. 2018. OSU Department of Fisheries and Wildlife
Shining Star Award. 2017. OSU Department of Fisheries and Wildlife
Shining Star Award. 2016. OSU Department of Fisheries and Wildlife
Undergraduate Mentor of the Year, 2014. Oregon State University.
Shining Star Award. 2014. OSU Department of Fisheries and Wildlife
Student Learning and Success Teamwork Award. 2013. Oregon State University
Vice Provost's Award for Excellence in Outreach and Engagement: Online Teaching Innovation. 2012. Oregon State University.
Savery Outstanding Young Faculty Award. 2012. OSU College of Agricultural Sciences.
Outstanding New Professor Award. 2012. OSU Agricultural Executive Council
Shining Star Award. 2011. OSU Department of Fisheries and Wildlife
Stoye Award for best student presentation in general ichthyology. 2006. American Society of Ichthyologists and Herpetologists (ASIH)
Storer Award for best student poster in ichthyology. 2003. ASIH.

AWARDS TO STUDENTS SUPERVISED

(*graduate student, ** undergraduate)

American Society of Ichthyologists and Herpetologists (ASIH) Raney Fund Award to Godservice Eziefule*. Resolving Lineage Boundaries in Hexaploid *Labeobarbus* using Genome-Wide SNPs and 3D Morphometrics. 2026. \$1000.
Ecology and Evolutionary Biology Grad Student Grant to Godservice Eziefule*. 2026. Tulane Department of Ecology and Evolutionary Biology. \$2000.

Ecology and Evolutionary Biology Grad Student Grant to Kehinde Ologbonjaye*. 2026. Tulane Department of Ecology and Evolutionary Biology. \$1000.

Ecology and Evolutionary Biology Grad Student Grant to Basil Williams*. 2026. Tulane Department of Ecology and Evolutionary Biology. \$700.

Ecology and Evolutionary Biology Grad Student Grant to Godservice Eziefule*. 2025. Tulane Department of Ecology and Evolutionary Biology. \$800.

Ecology and Evolutionary Biology Grad Student Grant to Roseline Ewa*. 2025. Tulane Department of Ecology and Evolutionary Biology. \$500.

Ecology and Evolutionary Biology Grad Student Grant to Kehinde Ologbonjaye*. 2025. Tulane Department of Ecology and Evolutionary Biology. \$300.

Flyfisher's Club of Oregon Graduate Scholarship to Álvaro Cortés*, 2020. Oregon State University Graduate School. \$4750.

Honors College Culture of Writing Outstanding Thesis Award to Benjamin Nicholas**. 2019. Oregon State University Honors College. \$500. This is the Honors College's top recognition for a graduating senior.

Herbert F. Frolander Outstanding Graduate Teaching Assistant Award to Thaddaeus Buser*. 2019. Oregon State University. \$1,000. This is the University's highest honor for teaching by a graduate student. Just one person receives such recognition annually.

Undergraduate Library Research Award to Drew Chione** for his ichthyology term paper entitled "New discovery leads to whole new meaning of trash fish." 2019. Oregon State University Library. \$1,000.

Ph.D. Student of the Year to Thaddaeus Buser*. 2019. Oregon Chapter of the American Fisheries Society. \$1,000

Master's Student of the Year to Álvaro Cortés*. 2019. Oregon Chapter of the American Fisheries Society. \$1,000

Best Student Presentation to Benjamin Nicholas**. 2019. Oregon Chapter of the American Fisheries Society.

Dr. Hari S. & Dr. Renuka R. Sethi Graduate Scholarship to Thaddaeus Buser*. 2019. Oregon State University Graduate School. \$950.

Oregon Lottery Scholarship to Álvaro Cortés*. 2019. Oregon State University Graduate School. \$5,000.

URSA-ENGAGE Award to Adriane Burk**. 2019. OSU Office of Undergraduate Research. \$1,000.

URSA-ENGAGE Award to Nathaniel Neal**. 2019. OSU Office of Undergraduate Research. \$1,000.

URSA-ENGAGE Award to Tori Fite**. 2019. OSU Office of Undergraduate Research. \$1,000.

Tracey Storer Award for Best Student Poster to Thaddaeus Buser*. 2018. American Society of Ichthyologists and Herpetologists. \$300.

Bruce Coblentz Outstanding Teaching Assistant Award to Thaddaeus Buser*. 2018. OSU Department of Fisheries and Wildlife.

H. Richard Carlson Memorial Scholarship to Thaddaeus Buser*. 2018. OSU Department of Fisheries and Wildlife (one quarter of tuition and stipend, approximately \$10,000).

Best Oral Presentation to Thaddaeus Buser. 2018. Awarded at the 15th annual Research Advances in Fisheries, Wildlife, and Ecology (RAFWE) Symposium.

Hugo Krueger Graduate Research Award in Fish Physiology to Thaddaeus Buser*. 2017. OSU Department of Fisheries and Wildlife. \$2,500.

Henry Mastin Graduate Student Scholarship to Thaddaeus Buser*. 2016. OSU Department of Fisheries and Wildlife

Steven and Ruth Wainwright Endowed Fellowship to Thaddaeus Buser*. 2016. Friday Harbor Laboratories.

Stan Gregory Stream Team Scholarship to Thaddaeus Buser*. 2016. OSU Department of Fisheries and Wildlife. \$1,000.

Best Oral Presentation to Thaddaeus Buser. 2016. Awarded at the 14th annual Research Advances in Fisheries, Wildlife, and Ecology (RAFWE) Symposium.

Best Student Presentation to Thaddaeus Buser*. 2016. Oregon Chapter of the American Fisheries Society.

Carl Bond Memorial Scholarship to Thaddaeus Buser*. 2016. Oregon Chapter of the American Fisheries Society. \$2,000.

Best Undergraduate Presentation to Francisco Pickens**. 2016. OSU Department of Fisheries and Wildlife at the Research Advances in Fisheries and Wildlife Conference.

URSA Undergraduate Research Award to Benjamin Nicholas**. 2016. Oregon State University. \$1000.

Oregon Council of Fly Fishers Scholarship to Thaddaeus Buser*. 2015. OSU Department of Fisheries and Wildlife. \$1,500.

M.A. Ali Graduate Chair Award in Fisheries Biology to Thaddaeus Buser*. 2015. OSU Department of Fisheries and Wildlife. \$500.

Munson Travel Award to Thaddaeus Buser *. 2015. OSU Department of Fisheries and Wildlife. \$500.

Best student paper to Benjamin Frable*. 2014. Neotropical Ichthyological Association at the Joint Meeting of Herpetologists and Ichthyologists, Chattanooga, TN.

Munson Travel Award to Benjamin Frable*. 2014. OSU Department of Fisheries and Wildlife. \$500.

Provost's Distinguished Graduate Fellowship to Thaddaeus Buser*. 2014. OSU Graduate School. \$30,000, and one-year tuition waiver.

Briggs Scholarship in Biogeography to Whit Bronaugh*. 2013. OSU Department of Fisheries and Wildlife. \$500.

M.A. Ali Graduate Chair Award in Fisheries Biology to Michael Burns*. 2013. OSU Department of Fisheries and Wildlife. \$500.

Predoctoral Fellowship to Michael Burns*. 2013. Smithsonian Institution. \$6,500.

Raney Award to Michael Burns*. 2013. American Society of Ichthyologists and Herpetologists. \$1,000.

Graduate Internationalization Grant to Benjamin Frable*. 2013. Oregon State University. \$1,805.

Thomas G. Scott Scholarship for Outstanding Graduate Research to Benjamin Frable*. 2013. OSU Department of Fisheries and Wildlife. \$2,000.

URSA-ENGAGE Award to Colette LaRochelle**. 2013. OSU Office of Undergraduate Research. \$1,500.

DeLoach Work Scholarship to Erin Peterson**. 2013. OSU Honors College. \$2,000.

Honors Experience Scholarship to Erin Peterson**. 2013. OSU Honors College. \$400.

Provost's Distinguished Graduate Fellowship to Michael Burns. 2012. OSU Graduate School. \$30,000 and one-year tuition waiver.

Undergraduate Research Award to Gregory Fisher**. 2012. OSU Honors College. \$1,900.

Briggs Scholarship in Biogeography to Whit Bronaugh*. 2012. OSU Department of Fisheries and Wildlife. \$500.

Chairman's Leadership Award to Kendra Hoekzema*. 2012. Oregon State University Department of Fisheries and Wildlife. \$500.

Outstanding Graduate Student Award to Kendra Hoekzema*. 2012. OSU College of Agricultural Sciences.

Ted Thorgaard Student Research Fund Scholarship to Kendra Hoekzema*. 2012. OSU Department of Fisheries and Wildlife. \$500.

Graduate Scholarship to Kendra Hoekzema*. 2012. Oregon Lottery. \$500.

Carl Bond Memorial Scholarship to Whit Bronaugh*. 2011. Oregon Chapter of the American Fisheries Society. \$5,000

INTERNATIONAL FIELD EXPERIENCE

- Gabon.** 2017. Organized and participated in four months of fieldwork in Gabon's Komo, Mbei, Ngounie and Louetsi rivers. This collaboration with the Nature Conservancy yielded 12,000 new specimens for the Oregon State Ichthyology Collection.
- Gabon.** 2014. Participated in a month-long biodiversity assessment of the middle Ogooué River, Gabon, in the Rapides de Mboungou-Badouma et de Doumé Ramsar site in collaboration with the Nature Conservancy and the Gabon-Oregon Center for Transnational Development.
- Guyana.** 2011. Organized and led an ichthyological survey of the remote Cuyuni River with support from the Smithsonian Institution's Biological Diversity of the Guyana Shield program and in collaboration with the Royal Ontario Museum and the University of Guyana
- Peru.** 2010. Collected fishes and mollusks from Peru in collaboration with the Academy of Natural Sciences of Philadelphia (ANSP) and the Illinois Natural History Survey
- Peru.** 2003. Organized a collection of fishes from the highlands and lowlands of Peru in collaboration with ANSP and Texas Tech University
- Venezuela.** 2000. Collected fishes in Venezuela during a joint Conservation International and Field Museum rapid assessment of biodiversity

TEACHING EXPERIENCE

Professor, Tulane University

- 2026— Updated and taught EBIO 4210, Vertebrate Morphology, a four-credit lecture and lab course to fifteen undergraduate students.
- 2026 — Updated and taught the biology portion of COLQ-4120, The Grand Canyon, a four-credit colloquium course to five undergraduate students.
- 2025 — Updated and taught the biology portion of COLQ-4120, The Grand Canyon, a four-credit colloquium course to nine undergraduate students.
- 2025 — Designed and led a one-credit section of EBIO 6290 (independent study) on Tree Thinking for six graduate students.
- 2024 — Designed and taught EBIO 4280/6280, a four-credit lecture and lab course on Ichthyology to 12 undergraduate students and one graduate student.

Professor, Oregon State University

- 2022 through 2024 — Taught and continually updated FW315, a lecture-based face-to-face course on Ichthyology annually to approximately 45 students.
- 2022 through 2024 — Taught and continually updated FW316, a laboratory-based face-to-face course on Systematics of Fishes annually to approximately 20 students.
- 2022 through present — Supervised graduate student instructors teaching online versions of FW315 (Ichthyology) and FW316 (Systematics of Fishes) to approximately 130 and 60 students annually, respectively.
- 2023-2024 — Complete re-design and update of FW315 online.
- 2022 — Redesigned the face-to-face version of FW316 (Systematics of Fishes) to treat the phylogenetics, anatomy, identification, and natural history of 120 iconic fishes from around the world. Material on alpha taxonomy, morphometrics and species-level identification of fishes in the Pacific Northwest is moving to a new 400/500 level course.

Associate Professor, Oregon State University

- 2015 through 2022 — Taught and continually updated FW315, a lecture-based face-to-face course on Ichthyology annually to approximately 60 students.
- 2015 through 2022 — Taught and continually updated FW316, a laboratory-based face-to-face course on Systematics of Fishes annually to approximately 30 students.

- 2015 through 2022 — Supervised graduate student instructors teaching online versions of FW315 (Ichthyology) and FW316 (Systematics of Fishes) to approximately 130 and 60 students annually, respectively.
- 2021 — Taught a two-credit version of FW505 (Reading and Conference: Conservation Genetics) to 8 graduate students via Zoom (with Clint Epps).
- 2019 — Taught 25 students in the online version of FW316 Systematics of Fishes.
- 2019 — Developed, organized, and taught a workshop on Comparative Phylogenetic Analysis in R to 40 students at the Annual Meeting of the Joint Meeting of Ichthyologists and Herpetologists in Snowbird, Utah.
- 2016 through 2019 — Development of database of 3D surface scanned images of specimens from OSU's fish and mammal collections for use in online and face-to-face versions of Systematics of Fishes, Systematics of Mammals and Ichthyology.
- 2018 — Developed and taught FW599, Special Topics in Conservation Genetics in collaboration with Clint Epps. The course enrolled six graduate students and two auditors.
- 2018 — Major revision for FW315 (Ichthyology) online.
- 2017-2018 — Guest lectures on online teaching innovations to FW599: Graduate Orientation
- 2016 — Developed, organized, and taught a workshop on Comparative Phylogenetic Analysis in R to 60 students at the Annual Meeting of the Joint Meeting of Ichthyologists and Herpetologists in New Orleans, LA.
- 2016 — Developed and taught a FW505 graduate seminar on Phylogenetic Comparative Methods to eight students
- 2015 — Developed and taught a FW505 graduate seminar on Functional Diversity of Aquatic Animals to eight students
- 2015-2016 — Developed an online version of FW316 Systematics of Fishes, including a virtual teaching collection of more than 1500 specimen images
- 2016 — Guest Lecture on “Native and Non-Native Fishes of the Willamette River,” in ENSC 399, Finding Yourself in the Watershed, run by Larry Becker and Joe Ebersole.

Assistant Professor, Oregon State University

- 2009 through 2015 — Developed and taught FW315, a lecture-based face-to-face course on Ichthyology annually to approximately 70 students.
- 2009 through 2015 — Developed and taught FW316, a laboratory-based face-to-face course on Systematics of Fishes annually to approximately 50 students.
- 2012 through 2015 — Supervised graduate student instructors teaching FW315 (Ichthyology) online to approximately 160 students annually
- 2012 through 2014 — Developed and taught FW472/572, Advanced Ichthyology, a discussion-based course offered in even years to approximately 15 students.
- 2012 — Developed an online version of FW315, Ichthyology which received the Vice Provost's Award for Excellence in Outreach and Engagement

Course Scientist, American Museum of Natural History

- 2007 — Served as primary scientific instructor and discussion leader for an online Evolution course designed by Niles Eldredge and Joel Cracraft to help secondary educators integrate evolution into their curricula.

Invited Lecturer, University of North Carolina, Chapel Hill

- 2007 — Delivered a 70-minute lecture on mass extinctions in Evolution and Life, a non-majors course of 20 undergraduates

Teaching Assistant, University of Chicago, The College

- 2004 — Taught laboratory and field components of Biological Diversity, a course for approximately 100 undergraduate biology majors

Teaching Assistant, University of Chicago, Graduate Division of Biological Sciences

- 2004 — Helped teach a course on Grants, Publications and Professional Issues to first year graduate students

Teaching Assistant, University of Chicago, The College

- 2003 — Designed and taught a museum collection-based laboratory on evolution in an Introductory Biology course of approximately 300 biology majors and non-majors
- 2002 — Prepared and taught the laboratory portion of Systematics, a mixed class of approximately 20 undergraduates and graduates; prepared and delivered 1.5 hr lectures on homology and species concepts

GRADUATE STUDENTS SUPERVISED

Mary Finch, M.S. expected 2029. Linking imaging sonar and sampling to understand how the fishes of Lake Pontchartrain utilize inshore artificial reefs.

Langcheng Gong, Ph.D. expected 2031. Topic to be determined.

Basil Williams, Ph.D. expected 2030. Systematics, macroevolution and ecology of *Enteromius* in Gabon.

Kehinde Ologbonjaye, Ph.D. expected 2029. Systematics and ecomorphology of *Amphilius* in Gabon.

Godservice Eziefule, Ph.D. expected 2027. Systematics, functional morphology and genomics of *Labeobarbus* in Gabon.

Roseline Ewa, M.S. expected 2026. Systematics of *Labeo* in Gabon.

Hakan Aydogan, Ph.D. expected 2025. Genetic diversity, phylogeography and taxonomy of the *Cottus confusus* species complex.

Álvaro Cortés, M.S. expected 2024. Taxonomic revision of the *Cottus perplexus* – *Cottus gulosus* species complex.

Thaddaeus Buser, Ph.D. 2020. Stags of the Sea or Hedgehogs of the Harbor? Inferring the Point of Sculpin Cranial Weaponry

Michael Burns, Ph.D. 2018. Tempo and mode of lineage and morphological diversification in a hyperdiverse freshwater fish radiation (Teleostei: Characiformes)

Whitcomb Bronaugh, Ph.D. 2016. Between an ocean and a high place: how coastal mountains generate hotspots of freshwater fish endemism

Benjamin Frable, M.S. 2015. Tempo and mode of diversification in the Neotropical fish superfamily Anostomoidea (Ostariophysi: Characiformes)

Kendra Hoekzema, M.S. 2013. Phylogenetic and morphometric analysis of speckled dace (*Rhinichthys osculus*) from Oregon's Great Basin

GRADUATE STUDENT COMMITTEES

Jacob Mills, Ph.D. (Tulane University, EBIO) expected 2029.

Meirun Zhang, Ph.D. (Tulane University, EBIO) expected 2029.

Lakshmi Vineesha Digumarthi, Ph.D. (Tulane University, EBIO) expected 2029.

Emily Dziedzic, Ph.D. (Oregon State University, FWCS) expected 2025.

Volnys Bernal, M.S. (State University of São Paulo). 2025.

Mari Boaretto, M.S. (State University of Londrina). 2025.

Humberto Lima, M.S. (State University of Londrina). 2024.

Olivia Boisen, M.S. (Oregon State University, FWCS). 2024.

Amanda Alves Gomes, Ph.D. (Universidade de São Paulo). 2023.
Tobit Liyandja, Ph.D. (American Museum of Natural History, Ichthyology). 2023.
Sara Hutton, Ph.D. (Oregon State University, Env. and Molecular Toxicology). 2023.
Alex Bippus, Ph.D. (Oregon State University, Botany and Plant Pathology). 2022.
Juniper Grimes, M.S. (Oregon State University, Zoology). 2022.
Ashley Lockwood, P.S.M. (Oregon State University, FWCS). 2021.
Kenya Bynes, M.S. (Oregon State University, FWCS). 2021.
Antonio Gomez, Ph.D. (Oregon State University, Integrative Biology). 2021.
Joseph Cutler, Ph.D. (University of California, Santa Cruz, Ecology and Evolutionary Biology). 2019.
Kory Evans, Ph.D. (University of Louisiana Lafayette, Biology). 2017.
Mpho Ramoejane, Ph.D. (Rhodes University, Biology). 2017.
Renee Albertson, Ph.D. (Oregon State University, Fisheries and Wildlife). 2014.
Lindsey Thurman, M.S., (Oregon State University, Fisheries and Wildlife). 2011.

UNDERGRADUATE RESEARCHERS SUPERVISED

Ava Ivy. 2023-2025. Morphological variation among Speckled Daces, *Rhinichthys klamathensis goyataka*, in Oregon's Warner Valley.
Russell Campbell. 2019-2021. DNA Barcoding of Gabon's fishes.
Dustin Campbell. 2019-2021. DNA Barcoding of Gabon's fishes.
Victoria Kee. 2017-2020. Development of a K-12 curriculum on the form and function of animal weaponry.
Adriane Burke. 2019-2020. Systematics of *Clarias* in Gabon.
Nathaniel Neal. 2019-2020. Systematics of *Bryconalestes* in Gabon.
Tori Fite. 2019. Systematics of *Labeobarbus* in Gabon.
Jennifer Luparell. 2018-2020. Best practices on working with 3D scan data in natural history.
Benjamin Nicholas. 2016-2019. Testing for cryptic speciation within the Torrent Sculpin, *Cottus rhotheus*. This research produced an honors thesis that won OSU's top award.
Brooke Schlipf. 2017-2019. Development of a K12 curriculum on the form and function of animal weaponry.
Christopher Traill. 2017-2018. Phylogenetics of Oligocottine sculpins.
Sage Fox. 2017-2018. Phylogenetics of Oligocottine sculpins.
Álvaro Cortés. 2017-2018. Understanding the development of sculpin preopercular spines.
Laurel Nave-Powers. 2017-2018. Identification and cataloging of fishes from Gabon.
Marcus Chatfield. 2014-2015. Systematic revision of the *Leporinus desmotes* species complex.
Francisco Pickens. 2013-2015. Testing for morphometric effects of long-term specimen storage in isopropanol.
Colette LaRochelle. 2013-2015. Testing for morphometric effects of long-term specimen storage in isopropanol.
Erin Peterson. 2011-2013. Morphological variation among Specked Daces in Oregon.
Gregory Fisher. 2010-2012. Systematics of the anostomid genus *Pseudanos*.
Sahnzi Moyers. 2009-2010. Morphometric variation in the *Leporellus vittatus* species complex.

EDUCATIONAL OUTREACH

Public Profile, X, the service formerly known as Twitter. 2013 to present. Maintain a public social media presence discussing ichthyology and evolutionary biology with approximately 1750 followers. <https://twitter.com/BrianSidlauskas>
Public Profile, Facebook. 2010 to present. Maintain a public social media presence discussing ichthyology and evolutionary biology with approximately 3500 friends and followers. <https://www.facebook.com/brian.sidlauskas>

Lead Designer, Oregon State Ichthyology Collection (OSIC) Discovery Units. 2010 to 2024. Lead the design of hands-on activities that bring grade school students into direct contact with some of the most impressive specimens in the OSIC, and with undergraduate and graduate students who help interpret the experience.

Workshop Leader. 2019. Phylogenetic Comparative Methods in R. Full day workshop for 40 participants at the Joint Meeting of Ichthyologists and Herpetologists in Snowbird, Utah.

Workshop Leader. 2016. Phylogenetic Comparative Methods in R. Full day workshop for 60 participants at the Joint Meeting of Ichthyologists and Herpetologists in New Orleans, Louisiana.

Workshop Leader. 2015. Vouchering specimens for Natural History Collection. Half-day workshop for 15 participants at the annual meeting of the Society of Pacific Northwest Vertebrate Biologists, Portland, Oregon.

Student Mentor, SACNAS: the Society for the Advancement of Chicanos and Native Americans in Science, Annual Meeting, Salt Lake City. 2008. Mentored students one-on-one about careers in biology and gave a lecture about my background, experience, and research as an evolutionary biologist

Visiting Scholar, Johnson C. Smith University, Honors College and Department of Natural Sciences, Charlotte, NC. 2008. Spent two days at this historically Black college, met with students, gave short talks on my career and involvement in evolutionary biology and ichthyology to several classes of students, and finished with an hour-long seminar on my research

Author, R-Phylo Help Wiki. 2007-2008. One of five primary authors for an online tutorial on phylogenetic comparative methods in R. See <http://www.r-phylo.org> for more information

Scientist at the Field, The Field Museum. 2002-2005. Displayed modern and fossil fishes and discussed the science of ichthyology with approximately 800 museum visitors

Science Fair Judge, City of Chicago. 2002-2004. Judged at two public schools

Exhibitor, Field Museum Members Nights, 2001-2004. Designed and presented behind-the-scenes exhibits on “Curiosities from the Deep”, “Freshwater Fishes from Marine Families”, “Fishes of the Flooded Forest” and “Scientific Illustration”

Expedition Leader, Brazil. 2003. Organized and led a week-long expedition on the Amazon and Negro rivers including scientists, museum donors and volunteers

Conservation Biologist, Lake Calumet BioBlitz. 2002. Collected fish specimens and discussed conservation biology with the public during a 24-hour biodiversity survey.

ACADEMIC SERVICE (International and National)

Nelson Award Committee. 2025-present. ASIH

Leadership Team. 2024 – present. FishNet2.

Board of Governors. 2019 – 2024. American Society of Ichthyologists and Herpetologists (ASIH).

Associate Editor. 2022 – 2024. Evolution.

Advisory Panel Member. 2023. National Academies of Science and National Science Foundation joint panel on the use of fishes in research.

Board of Advisors. 2019 – 2023. Semantic Comparative Analyses for Trait Evolution (SCATE).

Section Editor. 2016 – 2023. Neotropical Ichthyology.

Associate Editor. 2015 – 2023. Neotropical Ichthyology.

Judge. 2014 – 2022. ASIH Stoye awards.

Session Chair. 2004 – 2022. ASIH Annual Meetings.

Assessor. 2021. International Union for Conservation of Nature, Red List of Endangered Species.

Ad hoc reviewer. 2021. International Union for Conservation of Nature. Potential designation of Ivindo National Park (Gabon) as a UNESCO World Heritage Site.

Panelist. 2021. NSF Division of Environmental Biology.

Panelist on Academic Careers. 2020. ASIH Diversity, Equity, and Inclusion Committee.
Nelson Award Committee (chair). 2019-2020. ASIH
Nelson Award Committee. 2017-2019. ASIH
Organizing Committee. 2017 – 2018. International Symposium on Classification and Phylogenetics of Neotropical Fishes, Londrina, Brazil.
Ad-Hoc Committee on Childcare (chair). 2016-2018. Joint Meeting of Ichthyologists and Herpetologists.
Editorial Board. 2008-2018. Copeia.
Hamilton Award Judge. 2017. Society for the Study of Evolution.
Ad-Hoc Committee on Membership (chair). 2014-2016. ASIH.
Workshop Participant. 2016. FuturePHY, future of phylogenetics, Gainesville, FL.
Mentor. 2015. ASIH Speed Networking Event.
Leadership Team. 2011-2015. Hackathons, Interoperability and Phylogenetics Working Group, National Evolutionary Synthesis Center.
Gibbs Award Committee (chair). 2014-2015. ASIH.
Gibbs Award Committee. 2012-2014. ASIH.
Judge. 2014. Society for the Study of Evolution, Hamilton Award.
Selection Committee. 2013-2014. ASIH, Best papers published in Copeia.
Panelist. 2013. NSF Division of Environmental Biology.
Member. 2013. ASIH Ad-Hoc Committee on Membership, 2013.
Board of Governors. 2008-2013. ASIH.
Panelist. 2012. NSF Division of Biological Infrastructure.
Head Judge. 2012. ASIH Stoye award in general ichthyology.
Nominating Committee 2008. SICB Division of Systematic and Evolutionary Biology.
Judge. 2007. Best Student Poster in Ichthyology, ASIH Annual Meeting.
Judge. 2007. Best Student Presentation, Neotropical Ichthyological Association, ASIH Annual Meeting.

ACADEMIC SERVICE (Departmental, University and Regional)

Undergraduate Research Task Force (chair). 2025 – present. Tulane University, School of Science and Engineering.
Representation and Opportunity Committee (chair). 2025 – present. Tulane University, Department of Ecology and Evolutionary Biology.
Undergraduate Research Task Force. 2024 – 2025. Tulane University, School of Science and Engineering.
Coordinator for upgrades to teaching microscopes. 2024 – present. Tulane University, Department of Ecology and Evolutionary Biology.
Faculty Senator. 2023 – 2024. Oregon State University.
Facilitator. 2023 – 2024. Center for the Improvement of Mentored Experiences in Research (CIMER) program at Oregon State University.
Graduate Committee (chair). 2020-2024. Oregon State University, FWCS.
Committee on Collections. 2010 – 2024. Oregon State University.
Oregon Desert Fishes Working Group. 2010 – 2024.
Curator. 2009 – 2024. Oregon State University Ichthyology Collection.
Graduate Admissions Committee (chair). 2023. Oregon State University.
Peer Review of Teaching Committee for Shalynn Pack (chair). 2023. Oregon State University, FWCS.
Graduate Admissions Committee. 2021-2022. Oregon State University.
Search committee, Director of the Oregon Hatchery Research Center. 2021-2022. Oregon State University FWCS.

Instructor Promotion Committee. 2021. Oregon State University FWCS.

Open Source Scholarly Communication Committee. 2020-2022. Oregon State University.

Secretary. 2019-2022. Gilbert Ichthyological Society.

Online Education Committee. 2020-2021. Oregon State University.

Mentoring Committee for Kelly Biedenweg (chair). 2015-2020. Oregon State University Department of Fisheries and Wildlife.

Selection Committee. 2019. Oregon State University College of Agricultural Sciences Faculty Awards.

Library Committee. 2018-2019. Oregon State University.

Instructional Consultant Search Committee. 2018-2019. Oregon State University.

Graduate Committee (chair). 2016 – 2019. Oregon State University Department of Fisheries and Wildlife.

Peer Review of Teaching Committee for Taal Levi (chair). 2018. Oregon State University Department of Fisheries and Wildlife.

Workshop Coordinator. 2017. Macroevolutionary Modeling in R. Lead instructor: Dan Raboksy. Held in Corvallis immediately prior to Evolution meetings in Portland, Oregon.

Peer Review of Teaching Committee for Dana Warren. 2017. Oregon State University Department of Forest Ecosystems and Society.

Selection Committee, Mace Professor of Watchable Wildlife. 2016. Oregon State University Department of Fisheries and Wildlife.

Search Committee, Instructor/Curator (co-chair). 2016. Oregon State University Department of Fisheries and Wildlife.

Poster Judge. 2016. Oregon State University Honors College.

Web and Outreach Committee (chair). 2015-2016. Oregon State University Department of Fisheries and Wildlife.

Diversity Committee. 2015-2016. Oregon State University Department of Fisheries and Wildlife.

Curriculum Committee. 2012-2015. Oregon State University Department of Fisheries and Wildlife.

Computer Committee. 2010-2014. Oregon State University Department of Fisheries and Wildlife.

Search Committee, Stream Ecologist. 2014. Oregon State University Department of Fisheries and Wildlife.

President. 2011-2012. Gilbert Ichthyological Society.

Vice President. 2010-2011. Gilbert Ichthyological Society.

Peer Review of Teaching Committee (chair), for Tiffany Garcia. 2011 – 2012. Oregon State University Department of Fisheries and Wildlife.

Selection Committee, Mace Professor of Watchable Wildlife. 2010. Oregon State University Department of Fisheries and Wildlife.

Committee on Distinguished Graduates. 2010. Oregon State University Department of Fisheries and Wildlife.

Poster Session Judge. 2010. Research Advances in Fisheries and Wildlife (RAFWE) conference.

Social Director. 2006 – 2008. National Evolutionary Synthesis Center (NESCent). Organized periodic dinners and outings to foster community and dialogue among scholars.

Participant. 2007. NESCent Hackathon on Comparative Methods in R.

Founder and Organizer. 2002-2005. University of Chicago Evolutionary Biology Journal Club.

Organizer. 2004. University of Chicago Annual Evolutionary Biology Student Symposium.

Prospective Student Liaison. 2003-2004. The Field Museum.

MANUSCRIPTS HANDLED AS ASSOCIATE EDITOR

2025 Evolution (2)

2024 Evolution (8)

2023 Evolution (6)

Neotropical Ichthyology (3)
2022 Evolution (5)
 Neotropical Ichthyology (2)
2021 Neotropical Ichthyology (3)
2020 Neotropical Ichthyology (2)
2019 Neotropical Ichthyology (3)
2018 Neotropical Ichthyology (6)
2017 Neotropical Ichthyology (2)
2016 Neotropical Ichthyology (4)
2015 Neotropical Ichthyology (3)

MANUSCRIPTS, DOSSIERS AND PROPOSALS REVIEWED

2026 (6 reviews)

American Philosophical Society: Lewis and Clark Fund (4)
 Cybium
 Evolution

2025 (14 reviews)

Bioscience
 Cybium
 Ecology of Freshwater Fish
 Evolution
 Ichthyology and Herpetology
 Journal of Fish Biology
 Journal of Morphology
 American Philosophical Society: Lewis and Clark Fund (2)
 Neotropical Ichthyology (2)
 University of Missouri (tenure dossier)
 US National Science Foundation Ad-Hoc
 Vertebrate Zoology

2024 (8 reviews)

Integrative and Comparative Biology
 Festschrift for Gerald Smith
 Journal of Fish Biology
 Neotropical Ichthyology
 Papéis Avulsos de Zoologia
 Qatar Research, Development, and Innovation Council
 US National Science Foundation
 Zootaxa

2023 (14 reviews)

American Philosophical Society (3)
 Catfishes vol. 1 (book chapter)
 Ichthyology and Herpetology
 International Union for Conservation of Nature
 Natural History Museum of Los Angeles County (tenure dossier)
 Papéis Avulsos de Zoologia
 Qatar Research, Development, and Innovation Council
 US National Science Foundation

University of Alaska (tenure dossier)
University of Buffalo (tenure dossier)
Zoological Journal of the Linnean Society
Zootaxa

2022 (7 reviews)

Ecology and Evolution
National Research Council of Canada
Northwestern Naturalist
University of Louisiana
University of Wisconsin
University of Washington
US Fish and Wildlife Service

2021 (23 reviews)

Aqua
Ichthyology and Herpetology
Journal of Natural History
Molecular Phylogenetics and Evolution
Neotropical Ichthyology
New Zealand Marsden Fund
University of Louisiana
US National Science Foundation (12)
Society of Systematic Biologists (5)

2020 (5 reviews)

Neotropical Ichthyology
California Academy of Sciences
Current Zoology
Fisheries
Systematic Biology

2019 (10 reviews)

African Journal of Aquatic Sciences
Copeia (2)
MacMillan
Molecular Phylogenetics and Evolution
Journal of Fish Biology
Neotropical Ichthyology
US Fish and Wildlife Service (delisting proposal)
Systematic Biology
Zoological Journal of the Linnean Society

2018 (12 reviews)

American Museum Novitates
Animal Biodiversity and Conservation
Evolution
Frontiers in Ecology and Evolution
Integrative Organismal Biology (2)
Methods in Ecology and Evolution
Neotropical Ichthyology

US Fish and Wildlife Service (delisting proposal)
Proceedings of the Royal Society, B
Systematic Biology
Zootaxa

2017 (6 reviews)

BMC Evolutionary Biology
Copeia
Czech Science Foundation
Graduate Women in Science Grant Proposals (2)
Proceedings of the Academy of Natural Sciences of Philadelphia

2016 (25 reviews)

Brazilian Journal of Biology (2)
Heredity
Molecular Phylogenetics and Evolution
Neotropical Ichthyology
NSF Ad-hoc proposal review
NSF Grant Proposal Panel (16)
Qatar National Research Council
PLOS One
Zoological Journal of the Linnean Society

2015 (15 reviews)

Copeia (3)
Evolution (2)
Ichthyological Exploration of Freshwaters
Molecular Phylogenetics and Evolution
Neotropical Ichthyology
Proceedings of the Royal Society Series B, Biological Sciences (2)
Promotion and tenure dossier, external
NSF ad-hoc proposal review (2)
Zoological Journal of the Linnaean Society
Zootaxa

2014 (4 reviews)

Botanical Journal of the Linnaean Society
Journal of Fish Biology
National Museum of Natural History Grant Proposal
Neotropical Ichthyology

2013 (35 reviews)

Copeia
Environmental Biology of Fishes
Evolution (2)
Journal of Fish Biology
Proceedings of the Royal Society of London, Series B
Neotropical Ichthyology
Molecular Phylogenetics and Evolution
NSERC ad-hoc
NSF ad-hoc

NSF preproposal panel (23)
Qatar National Research Council (2)

2012 (28 reviews)

Austrian Science Fund
Brazilian Journal of Biology
Copeia (3)
Czech Science Foundation
Environmental Biology of Fishes
Evolution (2)
Journal of Fish Biology
Louisiana Board of Regents
Neotropical Ichthyology (2)
NSF Grant Proposal Panel (12)
OSU AquaFish CRSP (2)
Papeis Avulsos de Zoologia

2011 (12 reviews)

Copeia (3)
Evolution
Methods in Ecology and Evolution
Molecular Phylogenetics and Evolution
Neotropical Ichthyology
Smithsonian Institution Tenure Dossier
South Africa National Research Foundation
Systematic Biology
NSF Systematic Biology and Biodiversity Inventories
Zoological Journal of the Linnean Society

2010 (12 reviews)

Copeia (2)
Environmental Biology of Fishes
Evolution (2)
Functional Ecology
Journal of Fish Biology
Neotropical Ichthyology
NSF Systematic Biology and Biodiversity Inventories (2)
Revue Suisse de Zoologie
South Africa National Research Foundation

2005-2009 (20 reviews)

Biology Letters
Copeia (3)
Evolution (3)
Journal of Fish Biology (2)
Journal of Evolutionary Biology
Journal of Morphology (2)
Neotropical Ichthyology (2)
NSF Evolutionary Processes panel
NSF Systematic Biology and Biodiversity Inventories panel (3)
PLOS One
Zootaxa

PROFESSIONAL AFFILIATIONS

American Fisheries Society
American Society of Ichthyologists and Herpetologists
Gilbert Ichthyological Society
Neotropical Ichthyological Association
Sociedade Brasileira de Ictiologia
Society for Integrative and Comparative Biology
Society for the Preservation of Natural History Collections
Society for the Study of Evolution
Society of Systematic Biologists