

James E. Whitney
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Education

Doctorate of Philosophy in Biology, Kansas State University, August 2014. Adviser: Keith B. Gido. Cumulative GPA: 3.87/4.0.

Graduate Certificate in Applied Statistics, Kansas State University, May 2013.

Master of Science in Biology, Kansas State University, May 2010. Adviser: Keith B. Gido. Cumulative GPA: 4.0/4.0.

Bachelor of Science in Biological Sciences, Emporia State University, December 2007, *Magna cum laude*. Cumulative GPA: 3.84/4.0.

Publications

38. Whitney, J.E., B.G. Hansen, S.M. Bonjour, A.M. Bell, and M.G. Fishback. In press. Fish behavior, mortality, diet, and movement following a monsoonal spate in the San Juan River, UT, USA. *The Western North American Naturalist*.

37. Borroughs, K.L., J.E. Whitney, A.D. King, J.A. Holloway, A.N. Clemens, and A.D. Thompson. 2024. Comparison of threatened Neosho madtom (*Noturus placidus*) densities between riverscapes differing in anthropogenic stressors, with a particular focus on recovery from mining-derived metal pollution. *Environmental Biology of Fishes* 107: 59-73.

36. Hedden, C.K., S.C. Hedden, K.B. Gido, and J.E. Whitney. 2023. Resistance and resilience of Sonora Suckers (*Catostomus insignis*) to extreme wildfire disturbances in the Gila River, NM. *The Southwestern Naturalist* 67: 133-142.

35. Whitney, J.E., Z.R. Garrett, B.G. Hansen, J.A. Holloway, A.D. King, and K. Stark. 2023. The second collection record of Northern Studfish (*Fundulus catenatus*) from Kansas. *Transactions of the Kansas Academy of Science* 126: 51-54.

34. Hammesfahr, A., C.C. Rega-Brodsky, K. Womack-Bulliner, and J.E. Whitney. 2022. Optimizing surveys for imperiled bat species post white-nose syndrome. *Acta Chiropterologica* 24: 395-403.

33. Hammesfahr, A., C.C. Rega-Brodsky, K. Womack-Bulliner, and J.E. Whitney. 2022. Roost characteristics of a tricolored bat *Perimyotis subflavus* in the Missouri Ozarks. *Transactions of the Kansas Academy of Science* 125: 159-164.

32. Pilger, T.J., K.B. Gido, D.L. Propst, J.E. Whitney, and T.F. Turner. 2022. Demography predicts genetic effective size in a desert stream fish community. *The American Naturalist* 200: 275-291.

31. Hedden, C., D.L. Propst, K.B. Gido, S.C. Hedden, and J.E. Whitney. 2022. Differential responses of native fishes in two headwater tributaries of the Gila River following severe wildfires. *Western North American Naturalist* 82: 201-207.

30. Webster, J.S., K.B. Gido, S.C. Hedden, D.L. Propst, and J.E. Whitney. 2022. Response of arid-land macroinvertebrate communities to extremes of drought, wildfire and monsoonal flooding. *River Research and Applications* 38: 832-845.

29. Boroughs, K.L., **J.E. Whitney**, R.A. Hrabik, J.A. Holloway, A.N. Clemens, A.D. King, and A.D. Thompson. 2021. Freckled Madtom (*Noturus nocturnus*) discovered in the Spring River subbasin of Kansas. Transactions of the Kansas Academy of Science 124: 199-202.
28. Hammesfahr, A., C.C. Rega-Brodsky, K. Womack-Bulliner, and **J.E. Whitney** 2021. Public misunderstandings of bats do not preclude positive attitudes towards bats in Missouri. Transactions of the Kansas Academy of Science 124: 203-215.
27. King, A.D., **J.E. Whitney**, J.A. Holloway, and K.L. Boroughs. 2021. A black spot on our record: Invasion history of nonnative Blackspotted Topminnow (*Fundulus olivaceus*) in the Spring River subbasin of Kansas, with a comparison to long-term trends in prevalence of Blackstripe Topminnow (*Fundulus notatus*). Transactions of the Kansas Academy of Science 124: 216-226.
26. King, A.D., **J.E. Whitney**, J.A. Holloway, and K.L. Boroughs. 2021. Lost from Oz? Status of the Sunflower State's Ozarkian fish fauna. Transactions of the Kansas Academy of Science 124: 45-57.
25. **Whitney, J.E.**, J.A. Holloway, J.T. Wright, K.L. Boroughs, R.E. Goodreau, A.L. McManis, A.B. Pistorius, D.K. Puritty, M.A. Ramirez, and R.A. Styers. 2021. Assessing the invasion history and contemporary diet of nonnative redear sunfish (*Lepomis microlophus* Günther, 1859) in an ecotonal riverscape. Aquatic Invasions 16: 527-541.
24. **Whitney, J.E.**, R. Waters, and J.A. Holloway. 2020. Muddying the waters: investigating the generality of silt-resistance in mound-building *Nocomis* spp. using hornyhead chub (*Nocomis biguttatus*) and redspot chub (*Nocomis asper*). Environmental Biology of Fishes 103: 815-831.
23. **Whitney, J.E.**, R. Waters, and J.A. Holloway 2020. Status of the Hornyhead Chub (*Nocomis biguttatus*) and Redspot Chub (*Nocomis asper*) in Kansas. Transactions of the Kansas Academy of Science 123: 121-136.
22. Gido, K.B., D.L Propst, **J.E. Whitney**, S.C. Hedden, T.F. Turner, and T.J. Pilger. 2019. Pockets of resistance: response of arid-land fish communities to climate, hydrology, and wildfire. Freshwater Biology 64: 761-777.
21. **Whitney, J.E.**, J.A. Holloway, D.T. Scholes, and A.D. King. 2019. Long-term change of fish communities in a polluted watershed: does cleaner water "act" on fishes? Transactions of the American Fisheries Society 148: 191-206.
20. **Whitney, J.E.**, J.A. Holloway, D.T. Scholes, and A.D. King. 2018. Discovery of the Arkansas Darter (*Etheostoma cragini*) in the Cow Creek watershed, Cherokee county, southeastern Kansas. Transactions of the Kansas Academy of Science 121: 411-416.
19. **Whitney, J.E.**, J.B. Whittier, C.P. Paukert, J.D. Olden, and A.L. Strecker. 2017. Forecasted range shifts of arid-land fishes in response to climate change. Reviews in Fish Biology and Fisheries 27: 463-479.
18. Pilger, T.J., K.B. Gido, D.L. Propst, **J.E. Whitney**, and T.F. Turner. 2017. River network architecture, genetic effective size and distributional patterns predict differences in genetic structure across species in a dryland stream fish community. Molecular Ecology 26: 2687-2697.
17. **Whitney, J.E.**, K.B. Gido, S.C. Hedden, G.L Macpherson, T.J. Pilger, D.L. Propst, and T.F. Turner. 2017. Identifying the source population of fish re-colonizing an arid-land stream following wildfire-induced extirpation using otolith microchemistry. Hydrobiologia 797: 29-45.

16. **Whitney, J.E.**, J.B. Whittier, and C.P. Paukert. 2017. Environmental niche models for riverine desert fishes and their similarity according to phylogeny and functionality. *Ecosphere* 8: e01658.
15. **Whitney, J.E.**, R. Al-Chokhachy, D.B. Bunnell, C.A. Caldwell, S.J. Cooke, E.J. Eliason, M. Rogers, A.J. Lynch, and C.P. Paukert. 2016. Physiological basis of climate change impacts on North American inland fishes. *Fisheries* 41: 332-345.
14. Lynch, A.J., B.J.E Myers, C. Chu, L.A. Eby, J.A. Falke, R.P. Kovach, T.J. Krabbenhoft, T.J. Kwak, J. Lyons, C.P. Paukert, and **J.E. Whitney**. 2016. Climate change effects on North American inland fish populations and assemblages. *Fisheries* 41: 346-361.
13. Hunt, L.M., E.P. Fenichel, D.C. Fulton, R. Mendelsohn, J.W. Smith, T.D. Tunney, A.J. Lynch, C.P. Paukert, and **J.E. Whitney**. 2016. Identifying alternate pathways for climate change to impact inland recreational fishers. *Fisheries* 41: 362-373.
12. Paukert, C.P., B. Glazer, G.J.A. Hansen, B. Irwin, P. Jacobson, J. Kershner, B. Shuter, **J.E. Whitney**, and A.J. Lynch. 2016. Adapting inland fisheries management to a changing climate. *Fisheries* 41: 374-384.
11. Hedden, S.C., K.B. Gido, and **J.E. Whitney**. 2016. Introduced flathead catfish consumptive demand on native fishes of the upper Gila River, New Mexico. *North American Journal of Fisheries Management* 36: 55-61.
10. **Whitney, J.E.**, K.B. Gido, E.C. Martin, and K.J. Hase. 2016. The first to arrive and the last to leave: colonization and extinction dynamics of common and rare fishes in intermittent prairie streams. *Freshwater Biology* 61: 1321-1334.
9. **Whitney, J.E.**, K.B. Gido, T.J. Pilger, D.L. Propst, and T.F. Turner. 2016. Metapopulation analysis indicates native and nonnative fishes respond differently to effects of wildfire on desert streams. *Ecology of Freshwater Fish* 25: 376-392.
8. **Whitney, J.E.**, K.B. Gido, T.J. Pilger, D.L. Propst, and T.F. Turner. 2015. Consecutive wildfires affect stream biota in cold- and warm-water dryland river networks. *Freshwater Science* 34: 1510-1526.
7. Pilger, T.J., K.B. Gido, D.L. Propst, **J.E. Whitney**, and T.F. Turner. 2015. Comparative conservation genetics of protected endemic fishes in an arid-land riverscape. *Conservation Genetics* 16: 875-888.
6. Propst, D.L., K.B. Gido, **J.E. Whitney**, E.I. Gilbert, T.J. Pilger, A.M. Monié, Y.M. Paroz, J.M. Wick, J.A. Monzingo, and D.M. Myers. 2015. Efficacy of mechanically removing nonnative predators from a desert stream. *River Research and Applications* 31: 692-703.
5. Troia, M.J., **J.E. Whitney**, and K.B. Gido. 2015. Thermal performance of larval longfin dace (*Agosia chrysogaster*), with implications for climate change. *Environmental Biology of Fishes* 98: 395-404.
4. Maine, J.J., **J.E. Whitney**, and K.B. Gido. 2014. Dietary overlap of invertivorous fishes and macroinvertebrates in the Gila River, NM. *The Southwestern Naturalist* 59: 292-295.
3. Troia, M.J., **J.E. Whitney**, and K.B. Gido. 2014. Alternative spawning strategy and temperature for larval emergence of longfin dace (*Agosia chrysogaster*) in stream mesocosms. *The Southwestern Naturalist* 59: 277-280.
2. **Whitney, J.E.**, K.B. Gido, and D.L. Propst. 2014. Factors associated with the success of native and nonnative species in an unfragmented arid-land riverscape. *Canadian Journal of Fisheries and Aquatic Sciences* 71: 1134-1145.

1. Martin, E.C., **J.E. Whitney**, K.B. Gido, and K.J. Hase. 2013. Habitat associations of stream fishes in protected tallgrass prairie streams. *American Midland Naturalist* 170: 39-51.

Book Chapters

2. Bogan, M.T., E. Chester, T. Datry, A. Murphy, B. Robson, A. Ruhi, R. Stubbington, and **J.E. Whitney**. 2017. Resistance, resilience, and community recovery in intermittent rivers and ephemeral streams. Pages 349-376 *In* T. Datry, N. Bonada, and A. Boulton (editors). *Intermittent rivers and ephemeral streams: ecology and management*. Elsevier Press.

1. Gido, K.B., **J.E. Whitney**, J.S. Perkin, and T.F. Turner. 2016. Fragmentation, connectivity, and fish species persistence in freshwater ecosystems. Pages 292-323 *In* G. Closs, M. Krkosek, and J. Olden (editors). *Conservation of Freshwater Fishes*. Cambridge University Press.

Projects and Grants (Total = \$502,312.64)

Wildlife Fee Fund Grant, Kansas Department of Wildlife and Parks. “Spatiotemporal Changes in the Imperiled and Diverse Mussel Assemblage of the Spring River in Response to Known and Emerging Pollutants.” May 2023-December 2026. **\$104,674.00**

Summer Faculty Fellowship, Pittsburg State University, “The Influence of Predictable and Random Environmental Factors in Structuring the Distributions of Common and Rare Prairie Stream Fishes.” May-August 2023. **\$10,000.00**

Independent Research Project Funding to Include Students, Academic Affairs, Pittsburg State University. “Contemporary extent of the nonnative Blackspotted Topminnow invasion in the Spring River subbasin and hybridization frequency with native Blackstripe Topminnow. March 2021-June 2022. **\$2,000.00**

Grant and Cooperative Agreement, United States Fish and Wildlife Service San Juan River Basin Recovery Implementation Program. “San Juan River backwater resource availability applied to endangered fish management and recovery.” March 2020-December 2023. **\$256,699.00**

State Wildlife Grant, United States Fish and Wildlife Service and Kansas Department of Wildlife, Parks and Tourism. “Comparison of Neosho Madtom (*Noturus placidus*) population density between the Neosho-Cottonwood and Spring Rivers: does changing water quality and food availability explain density differences?” April 2019-March 2022. **\$97,739.64**

Chickadee Checkoff Small Grants Program, Kansas Department of Wildlife, Parks and Tourism. “Status and Trends of the Blackside Darter (*Percina maculata*) in Kansas.” February 2019-February 2020. **\$7,000.00**

Research Services Contract, Kansas Department of Wildlife, Parks and Tourism. “Kansas Recovery Plan for the Hornyhead Chub *Nocomis biguttatus* and Redspot Chub *Nocomis asper*.” January 2018-August 2019. **\$18,200.00**

Summer Faculty Fellowship, Pittsburg State University, “The Influence of Climate Change on Fish and Invertebrate Distributions in the Spring River Basin, Kansas, Missouri, and Oklahoma.” June-August 2017. **\$6,000.00**

First Author Professional Presentations (30)

American Fisheries Society: 2015

Desert Fishes Council: 2010, 2012, 2013, and 2022
Kansas Chapter of the American Fisheries Society: 2016
Kansas Natural Resources Conference: 2009-2012, 2017-2020, 2022-2024
Natural History of the Gila Symposium: 2010 and 2012
North American Wildlife and Natural Resources Conference: 2016
Society for Freshwater Science: 2009-2014, 2019
Southwestern Association of Naturalists: 2010, 2017
Texas A&M Ecological Integration Symposium: 2009
43rd Researchers Meeting, UCREFRP and SJRIP: 2023

Special Presentations

Capitol Hill briefing, Washington D.C., 13 June 2016. Presented a talk entitled "Effects of Climate Change on Fish Physiology" as part of a briefing to congressional staff about the effects of climate change on inland fish of the United States. The briefing was organized by the American Fisheries Society (AFS) and the U.S. Geological Survey (USGS).

Invited Seminars

Missouri Master Naturalist Meeting, Chert Glades Chapter, 10 October 2022: "Long-term change of fish communities in a polluted river basin: does cleaner water "act" on fishes?"

Science and Technology Seminar Series, **Northeastern State University,** 05 October 2022: "Sewage, metals, and sediments as impediments to native fish conservation in Kansas."

Department of Biology, **Pittsburg State University,** 19 March 2021: "Sewage, metals, and sediments as impediments to native fish conservation in Kansas."

Ecology and Evolutionary Biology Seminar Series, **Kansas State University,** 18 March 2021: "Sewage, metals, and sediments as impediments to native fish conservation in Kansas."

Department of Biological Sciences, **Emporia State University,** 10 March 2021: "Sewage, metals, and sediments as impediments to native fish conservation in Kansas."

School of Environmental Studies, **Tennessee Technological University,** 01 April 2015, Microchemistry Applications in Fish Ecology Colloquium: "Efficacy of otolith microchemical analysis to infer population connectivity of Longfin Dace *Agosia chrysogaster* in mainstem-tributary networks."

Department of Fisheries and Wildlife Sciences, **University of Missouri,** 20 February 2015: "Spatiotemporal response of aquatic native and nonnative taxa to wildfire disturbance in a desert stream network."

Department of Biological Sciences, **Emporia State University,** 15 September 2010: "Relationships among basal energy availability, nonnative predator success, and native fish declines in the upper Gila River Basin, NM, USA."

Workshops Presented

Long Term Resource Monitoring Program Field Station, Missouri Department of Conservation, Cape Girardeau, MO, 21-22 July 2015, "Multivariate Statistical Analysis using Program R."

Mentoring Experience

Master's Thesis Committee Chair, Undergraduate Adviser, and Post-Baccalaureate Adviser, Joshua Holloway, Pittsburg State University, August 2017-present. "Spatiotemporal Changes in the Imperiled and Diverse Mussel Assemblage of the Spring River in Response to

Known and Emerging Pollutants.” I helped Josh develop oral presentations that he gave at the 2024 and 2023 Kansas Natural Resources Conferences. I’ve also helped Josh develop three posters which he presented at the 2022, 2019, and 2018 Kansas Natural Resources Conferences. Josh won the **Best Student Poster Award** from the Kansas Chapter of the American Fisheries Society during 2018 and 2019. Lastly, I wrote a support letter that helped Josh win the **2024 Otto Tiemeier-Frank Cross scholarship award** from the Kansas Chapter of the American Fisheries Society.

Adviser, Michaela Fishback, Pittsburg State University, July-November 2021. I helped Michaela develop a poster entitled “Nonnative Virile Crayfish (*Faxonius virilis*) distribution and density in secondary channel and island backwaters of the San Juan River, NM, CO, and UT”, which she presented at the virtual Desert Fishes Council Annual Meeting, November 17-18, 2021.

Master’s Thesis Committee Member, Haley Price, Pittsburg State University, April 2021- May 2023. “Population dynamics and habitat use by Gray Bats in an anthropogenically altered landscape.”

Master’s Thesis Committee Member, Mary Marine, Pittsburg State University, April 2021-present. “Resident Songbird Response to Forest Management in the Missouri Ozarks.”

Master’s Thesis Committee Chair, Blake Hansen, Pittsburg State University, January 2021-May 2023. “Secondary channel backwaters may be superior nurseries for native fishes in the San Juan River of the American Southwest, but monsoon-driven deteriorations may lessen their quality.” I helped Blake develop a poster presentation about his thesis research that he presented at the 2022 Kansas Natural Resources Conference and Pittsburg State University Research Colloquium, and he also gave an oral presentation concerning his research to the San Juan River Basin Recovery Implementation Program Biology Committee during February 2022 and 2023, the 2022 Desert Fishes Council meeting in St. George, UT, the 2023 Kansas Natural Resources Conference, and the 43rd Researchers Meeting of the UCREFRP and SJRIP in 2023. Lastly, I wrote a support letter that helped Blake win the **2023 Otto Tiemeier-Frank Cross scholarship award** from the Kansas Chapter of the American Fisheries Society.

Master’s Thesis Committee Member, Rachel Styers, Pittsburg State University, April 2021-November 2022. “Documenting the rapidly expanding distribution of invasive Ravenna Grass (*Tripidium ravennae*) in eastern Kansas.”

Master’s Thesis Committee Chair, Alexandra King, Pittsburg State University, August 2020-August 2022. “Chemical and biological stressors threaten native fish diversity in the Spring River subbasin of Kansas.” I helped Alex develop three oral presentations about her thesis research, with one presented at the 2023 Kansas Natural Resources Conference, and the other two presented at the 2022 Pittsburg State University Research Colloquium. Furthermore, I previously assisted Alex in developing a poster entitled “Status of the Sunflower State’s Ozarkian Fish Fauna”, which Alex presented at the Kansas Natural Resources Conference in Manhattan, KS in January 2020. She has since developed this poster into a manuscript that was published in Transactions of the Kansas Academy of Science in 2021. Furthermore, Alex and I have collaborated on research regarding Blackspotted Topminnow and Blackstripe Topminnow distributions and hybridization in Kansas. Alex published some of this research in Transactions of the Kansas Academy of Science in 2021

Master’s Thesis Committee Chair, Kali Boroughs, Pittsburg State University, August 2018-December 2020. “Comparison of threatened Neosho Madtom densities between riverscapes differing in anthropogenic stressors, with a particular focus on recovery from mining-derived metal pollution.” Kali’s thesis was published in Environmental Biology of Fishes in 2024. Additionally, I helped Kali develop a poster over her thesis research that she presented at the

2020 Kansas Natural Resources Conference, for which **Kali won the Best Student Poster Award** from the Kansas Chapter of the American Fisheries Society. Furthermore, I wrote a letter of recommendation in support of Kali's application for the Kansas Chapter of the American Fisheries Society Catfish 2020 **student scholarship award** totaling \$400, which **Kali won**. This award paid for her expenses to attend Catfish 2020: The Third International Catfish Symposium held in Little Rock, AR during February 2020. Finally, during Kali's thesis research she discovered Freckled Madtom in the Spring River of Kansas, so Kali wrote up this finding for a 2021 publication in Transactions of the Kansas Academy of Science.

Master's Thesis Committee Member, Amy Hammesfahr, Pittsburg State University, August 2018-December 2020. "Solutions for imperiled bat conservation: integrating ecology, technology, and the public."

Faculty Adviser to the Pittsburg State University Wildlife and Fisheries Society, August 2018-present.

Master's Thesis Committee Member, Elena Olson, Pittsburg State University, August 2018-May 2019. "Characterization of bacterial isolates obtained from poultry, poultry feed, and retail food using whole genome sequence analysis and selected biochemical tests."

Master's Thesis Committee Member, David Hollie, Pittsburg State University, January 2018-May 2019. "Effects of experimental forest management on avian communities in the Missouri Ozarks."

Master's Thesis Committee Member, Karisa Boyer, Pittsburg State University, August 2016-May 2018. "The importance and societal impacts of the curation and digitization of natural history collections, with particular reference to the fish collections at Pittsburg State University."

Master's Thesis Committee Member, Natalia Schneider, Pittsburg State University, December 2015-December 2017. "Herpetological collections at Pittsburg State University: assessing collecting patterns and analysis of spatial and temporal origin of specimens."

17 March 2015: Completed an eight-week course entitled "Entering Mentoring" at the University of Missouri, Columbia.

Student-Peer Mentor, Josiah Maine, Kansas State University, 2011-2013. While I was a graduate student Josiah worked under my supervision as an undergraduate research technician. Using some of the data we collected, I helped him develop a project that compared the diets among riffle-dwelling invertebrates and fishes in the Gila River to assess the potential for competition. Josiah presented a poster over this work at a regional conference and published it as first author in the *Southwestern Naturalist*.

Teaching Experience

Assistant and Associate Professor, Pittsburg State University, January 2016-Present

Courses taught:

BIOL 113: Environmental Life Sciences

BIOL 330: Principle of Ecology

BIOL 515: Stream Ecology

BIOL 533: Ichthyology

BIOL 602 (Topics): Research in Stream Fish Ecology

BIOL 602 (Topics): Fish Identification

BIOL 607: Marine Biology

BIOL 612: Internship in Biology

BIOL 634/834: Fisheries Management

BIOL 802 (Advanced Topics): Stream Mapping
BIOL 802 (Advanced Topics): Introduction to SigmaPlot
BIOL 603/803: Biometry

Graduate Teaching Assistant, Kansas State University, January 2008-May 2014

Courses taught:

BIOL 198: Principles of Biology
BIOL 201: Organismic Biology lab
BIOL 513: Physiology of Animal Adaptations Lab
BIOL 612: Freshwater Ecology Lab
BIOL 682: Fish Ecology Lab

Awards and Honors

Best Professional Paper, Kansas Natural Resources Conference, Kansas Chapter of the American Fisheries Society, January 2020. "Deterministic and Stochastic Factors Influence the Distribution of Blackside Darter in Kansas"

Top 20 Most Downloaded Articles in 2018 in the *Transactions of the American Fisheries Society*, "Long-Term Change of Fish Communities in a Polluted Watershed: Does Cleaner Water "Act" on Fishes?"

Outstanding Faculty Scholarship Award, Pittsburg State University Graduate School and Research Awards Banquet, April 2018.

Best Professional Paper, Kansas Natural Resources Conference, Kansas Chapter of the American Fisheries Society, February 2018. "Long-term change of fish communities in a polluted watershed: does clean water "act" on fishes?"

Journal cover of *Hydrobiologia* in June 2017: "Identifying the source population of fish re-colonizing an arid-land stream following wildfire-induced extirpation using otolith microchemistry"

Journal cover of *Fisheries* in June 2016: special issue synthesizing the effects of climate change on North American inland fishes.

PhD Fellowship, US Department of Education Graduate Assistance in Areas of National Need (GAANN), August 2010-May 2014

Best Student Paper, Kansas Natural Resources Conference, Kansas Chapter of the American Fisheries Society, January 2010

Best Presentation Award, 3rd Place, Texas A&M Ecological Integration Symposium, March 2009

Harold Klaassen Award, Kansas Chapter of the American Fisheries Society, January 2007

Shepherd Scholarship, Emporia State University, April 2006

Scholarship, Kansas Water Environment Association, April 2006

Journal and Book Chapter Reviewer

American Midland Naturalist
Aquatic Ecology
Ecology of Freshwater Fish
Fisheries
Freshwater Biology

Freshwater Science
Global Ecology and Biogeography
Hydrobiologia
Journal of Applied Ichthyology
Journal of Arid Environments
Journal of Fish Biology
Neotropical Ichthyology
North American Journal of Fisheries Management
River Research and Applications
Science of the Total Environment
The Southwestern Naturalist
Transactions of the American Fisheries Society
Transactions of the Kansas Academy of Science
Book Chapter, Desert Fishes Council, *Standing between Life and Extinction: Ethics and Ecology of Conserving Aquatic Species in North American Deserts.*

Certifications

Swiftwater Rescue Training (PRO-I), Swiftwater Safety Institute, Idaho Springs, CO.
Certification expires on 19 May 2024.

Current Sampling Permits

Native Threatened Species Recovery Permit, US Fish and Wildlife Service, Permit Number ES13623D. Authorizes sampling for the Colorado Pikeminnow and Razorback Sucker in Colorado, New Mexico, and Utah, and Neosho Madtom in Missouri, Kansas, and Oklahoma. Expires 01 March 2024.

State of Kansas Scientific Collection Permit, Kansas Department of Wildlife and Parks. Authorizes fish and mussel sampling. Expires 31 December 2024.

State of Missouri Wildlife Collector's Permit, Missouri Department of Conservation. Authorizes fish sampling in Barton, Jasper, and Newton counties. Expires 31 December 2024.

State of Missouri Approval to Conduct Research in Missouri State Parks, Missouri Department of Natural Resources. Authorizes fish sampling in Prairie State Park. Expires 31 December 2024.

State of Oklahoma Scientific Collectors Permit, Oklahoma Department of Wildlife Conservation. Authorizes fish sampling in the Spring and Neosho River systems. Expires 31 December 2024.

Service

Committee Member, Kansas Threatened and Endangered Species Task Committee, July 2023-present

Committee Chair, Pittsburg State University Council for Research and Creative Endeavors, September 2023-present

Past-President, Kansas Chapter of the American Fisheries Society, September 2022-September 2023.

President, Kansas Chapter of the American Fisheries Society, September 2021-September 2022.

Governing Board Member, North Central Division of the American Fisheries Society, September 2021-September 2022.

Committee Member, Kansas Natural Resources Conference Planning Committee, August 2022-present.

Committee Member, North American Journal of Fisheries Management 2021 Best Paper Committee, May-July 2022.

President-Elect, Kansas Chapter of the American Fisheries Society, September 2020-September 2021.

Review Panel Member for the downlisting of the Arkansas Darter (*Etheostoma cragini*) from threatened in Kansas to a species in need of conservation (SINC), Kansas Department of Wildlife, Parks, and Tourism, October 2018.

Faculty Member of Pittsburg State University's Council for Research and Creative Endeavors Executive Committee, September 2022-present

Faculty Member of Pittsburg State University's Council for Research and Creative Endeavors, August 2019-present

Faculty Senate All-University Committee Member, Pittsburg State University, August 2021-Present

Committee Member, Pittsburg State University Department of Biology Scholarship Committee, January 2019-present

Department Data Analyst, Department of Biology, Pittsburg State University. Compile and analyze data concerning the performance of seniors on the Major Field Test in Biology, and the progress of incoming freshmen through introductory biology classes. August 2018-present.

Faculty Senate Member, Pittsburg State University, August 2017- May 2021.

Faculty Senate Constitution Committee Chair, Pittsburg State University, August 2020-May 2021.

Faculty Senate Constitution Committee Member, Pittsburg State University, August 2017-May 2021.

President: Kansas State University Biology Graduate Student Association, 2013.

Employment History

Associate Professor, Pittsburg State University, Pittsburg, KS. August 2021-present

Assistant Professor, Pittsburg State University, Pittsburg, KS. January 2016-August 2021

Postdoctoral Research Associate, University of Missouri, Columbia, MO. November 2014-January 2016

Research Associate, Kansas State University, Manhattan, KS. August - October 2014.

Graduate Teaching Assistant, Kansas State University, Manhattan, KS. January 2008-August 2014.

Utility Worker, Kansas Department of Wildlife and Parks, Emporia, KS. September-December 2007, August 2006-May 2007, and February 2005-May 2006.

Fisheries Assistant, Missouri Department of Conservation, Kirksville, MO. May-August 2007.

Stream Fisheries Technician, Kansas Department of Wildlife and Parks, Lawrence and Pratt, KS. May-August 2006 and May-August 2004.

Professional Societies

American Fisheries Society
Desert Fishes Council
Kansas Academy of Science
Kansas Chapter of the American Fisheries Society
Society for Freshwater Science
Southwestern Association of Naturalists

References

Dr. Virginia Rider

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Dr. Keith B. Gido

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Dr. Craig Paukert

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