

CRAIG PATRICK PAUKERT

Current Address: U.S. Geological Survey
Missouri Cooperative Fish and Wildlife Research Unit
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Education

Ph.D., South Dakota State University (SDSU), 2001
Major: Biological Sciences (Fisheries); Minor: Statistics
M.S., Oklahoma State University (OSU), 1998
Major: Fisheries and Wildlife Ecology
B.S., University of Minnesota, 1993
Major: Fisheries and Wildlife

Employment

2010-present: Leader, USGS, Missouri Cooperative Fish and Wildlife Research Unit
2018-present: Cooperative Professor, The School of Natural Resources, University of Missouri
2010-2018: Cooperative Associate Professor, The School of Natural Resources, University of Missouri
2008-2010: Acting Leader, USGS, Kansas Cooperative Fish and Wildlife Research Unit
2003-2008: Assistant Leader-Fisheries, USGS, Kansas Cooperative Fish and Wildlife Research Unit
2009-2015: Adjunct Associate Professor, Division of Biology, Kansas State University
2003-2008: Adjunct Assistant Professor, Division of Biology, Kansas State University
2006-present: Adjunct Assistant Professor, University of Arizona
2002-2003: Fishery Biologist, USGS, Grand Canyon Monitoring and Research Center
2002: Assistant Professor (non tenure track), Department of Wildlife and Fisheries Sciences, South Dakota State University

Professional Associations

American Fisheries Society (AFS), 1993 – present (Life member)
Missouri Chapter of the AFS, 2010-present (Life member)
Fish Management Section of the AFS, 1994 - present
Education Section of the AFS, 1995 - present
Equal Opportunities Section of the AFS, 2008-present
International Fisheries Section, 2016-present
Society of Freshwater Science, 2008-present
Desert Fishes Council, 2004-present

Professional Service (last 12 years):

Professional Society:

- 2016-2017: Guest Editor, climate change issue in *Reviews in Fish Biology and Fisheries*
- 2015-2017: Past-President, Education Section of the AFS
- 2016: Symposium Coordinator, World Fisheries Congress, Busan, South Korea
- 2016: Workshop coordinator, effects of climate change on inland fish and fisheries; North American Wildlife and Natural Resources Conference, Pittsburgh, PA
- 2016: Co-Guest Editor, climate change issue in *Fisheries* (July 2016)
- 2015-2016: Symposium Co-Chair, American Fisheries Society Annual Meeting, Kansas City
- 2015-2017: Historian, Missouri Chapter of the American Fisheries Society
- 2015-present: Nominating Committee, American Fisheries Society
- 2014-2016: AFS Emmeline Moore Prize Award Committee
- 2013-2015: President, Education Section of the AFS
- 2014: Search Committee for AFS Student and Professional Development Coordinator
- 2011-2014: Steering Committee, 2014 Midwest Fish and Wildlife Conference
- 2011-2013: President Elect, Education Section of the AFS
- 2010-2013: Guest Editor, *Endangered Species Management*
- 2009-2011: Secretary/Treasurer, Education Section of the AFS
- 2003-2011: Associate Editor, *North American Journal of Fisheries Management*
- 2008-2009: President, Kansas Chapter of the AFS
- 2007-2010: Member, AFS Board of Professional Certification
- 2006: Symposium coordinator, Midwest Fish and Wildlife Conference, Omaha, NE
- 2006: Session moderator, Annual AFS meeting, Lake Placid, NY
- 2005-2008: Chair, Skinner Award Committee for the Education Section of AFS
- 2004-2007: Chair, Education Sect. of AFS committee to revise Careers in Fisheries Brochure
- 2003-2004: Member, best paper in *N. Am. Journal of Fisheries Management* Committee
- 2003-2004: Co-chair, Education Section of the AFS Membership Committee
- 2003-2005: Skinner Award Committee for the Education Section of AFS
- 2001-2004: Newsletter editor, AFS Computer User's Section

University and Governmental:

- 2018: Invited by Chinese Academy of Sciences, Institute for Hydrobiology to help on river conservation and possible student exchange, Chinese Academy of Sciences, Wuhan, China
- 2018: Steering Committee, Mississippi River-Yangtze River Symposium, Chongqing, China
- 2017: *Keynote Speaker*, European Union Inland Fisheries and Aquaculture Advisory Commission, Stare Joblonki, Poland
- 2017: Invited to workgroup to help Myanmar with food security for inland fisheries
- 2017: Hosted 8 Chinese Academy of Science scientists to learn about University of Missouri fish research

- 2016-2018: IUCN Red List Paddlefish Status Report Update Lead (C. Paukert)
- 2015-2016: Committee to develop of Landscape Science initiative in USGS
- 2012-2016: Invited Member, USGS Large River Monitoring Forum
- 2012-2016: Invited participant, USGS Floodplain connectivity workshop
- 2011-2012: National Climate Assessment, Technical Input Committee, Biodiversity, Ecosystems and Ecosystem Services Technical Committee
- 2010-2016: Graduate Affairs Committee, Dept. of Fisheries and Wildlife Sciences, MU
- 2009-2010: Chair, Ecology and Evolutionary Biology Section, Division of Biology, KSU
- 2005-present: Member, Science Committee, National Fish Habitat Initiative
- 2004-2005: Member, KSU Fish and Wildlife Biology Curriculum Committee
- 2003: Session moderator, Grand Canyon Science Symposium, USGS, Tucson, AZ
- 2002-2003: Publications review committee, Southwest Biol. Science Center, Flagstaff, AZ

Manuscript Reviews:

Fisheries, Fisheries Management and Ecology, Hydrobiologia, Intermountain Journal of Science, North American Journal of Fisheries Management, Transactions of the American Fisheries Society, Canadian Journal of Fisheries and Aquatic Sciences, Aquatic Sciences, Arizona-Nevada Academy of Sciences, Prairie Naturalist Ecology of Freshwater Fish, Environmental Biology of Fishes, Southeastern Naturalist, Southwestern Naturalist, Great Plains Research, Journal of Fish Biology, River Research and Applications, Journal of Neotropical Ichthyology, PLoS One, Global Change Biology, Ecological Applications, Proceedings of the Southeastern Association of Fish and Wildlife Agencies, Conservation Biology

Awards and Honors by Students:

- 2018: University of Missouri Staff Development Award, The University of Missouri (awarded to research technician Brandon Brooke)
- 2018: American Fisheries Society Skinner Memorial Award (awarded to undergraduate student Cheyenne Stratton)
- 2018: American Fisheries Society Skinner Memorial Award Honorable Mention (awarded to graduate student Corey Dunn)
- 2018: Finalist, Best Student Poster, American Fisheries Society Annual Meeting (undergraduate student Cheyenne Stratton and graduate student Nick Sievert)
- 2018: Finalist, Best Student Poster, American Fisheries Society Annual Meeting (graduate student Elisa Baebler)
- 2018: Travel Award, Equal Opportunities Section of American Fisheries Society, (graduate student Elisa Baebler)
- 2018: Undergraduate Travel Assistance Award, Student SubUnit of the Education Section of the American Fisheries Society (undergraduate student Cheyenne Stratton)
- 2018: Trans World Airlines Scholarship, only 5 non law school awards given each year in the University of Missouri system (graduate student Corey Dunn)
- 2018: Best Poster Award Winner, School of Natural Resources Research Day (graduate student Michael Moore)
- 2018: Best Poster Award Winner, School of Natural Resources Research Day (graduate student Corey Dunn)

- 2018: Charles P. Bell Graduate Scholarship, Conservation Federation of Missouri Charitable Trust (graduate student Elisa Baebler)
- 2018: Winemiller Award for Excellence in Data Analytics, The University of Missouri ((graduate student Corey Dunn)
- 2018: Joe G. Dillard Outstanding Undergraduate Scholarship, Missouri Chapter of the American Fisheries Society (undergraduate student Cheyenne Stratton)
- 2018: Janice Lee Fenske Memorial Award finalist (awarded to graduate student Michael Moore)
- 2018: Joan Duffy Travel Grant Winner, Missouri Chapter of the AFS, (graduate student Michael Moore)
- 2018: Student Achievement Award, Missouri Chapter of the American Fisheries Society (awarded to graduate student Elisa Baebler)
- 2017: American Fisheries Society Skinner Memorial Award (awarded to graduate student Michael Moore)
- 2017: American Fisheries Society Skinner Memorial Award Honorable Mention (awarded to graduate student Zach Morris)
- 2017: Best Student Poster Honorable Mention, American Fisheries Society Annual Meeting (graduate student Corey Dunn)
- 2017: Outstanding Poster for Life Sciences Week: Innovative Science, University of Missouri (graduate student Corey Dunn)
- 2017: Trans World Airlines Scholarship, only 5 non law school awards given each year in the University of Missouri system (graduate student Michael Moore)
- 2017: Joe G. Dillard Outstanding Undergraduate Scholarship, Missouri Chapter of the American Fisheries Society (undergraduate student Cheyenne Stratton)
- 2017: Best Poster Award Winner, School of Natural Resources Research Day (graduate student Corey Dunn)
- 2017: The Wildlife Society, Wetlands Working Group Student Award (graduate student Julia Guyton)
- 2017: Charles P. Bell Graduate Scholarship, Conservation Federation of Missouri Charitable Trust (graduate student Corey Dunn)
- 2017: Janice Lee Fenske Memorial Award Winner (awarded to graduate student Elisa Baebler)
- 2017: Janice Lee Fenske Memorial Award finalist (awarded to graduate student Corey Dunn)
- 2017: Joan Duffy Travel Grant Winner, Missouri Chapter of the AFS, (graduate student Corey Dunn)
- 2017: Best Student Aquatics Presentation, Missouri Natural Resources Conference (graduate student Julia Guyton)
- 2017: Jimmie Pigg and Melissa Coughlin Memorial Outstanding Student Achievement Award, Southern Division of the American Fisheries Society (graduate student Corey Dunn)
- 2017: Douglas D. Randall Young Scientists Travel Award, University of Missouri (graduate student Corey Dunn)
- 2016: Board of Directors, Conservation Federation of Missouri (graduate student Zach Morris)
- 2016: Selected as one of four participants in the Emerging Leaders Mentorship Award Program for the American Fisheries Society (awarded to graduate student Michael Moore)
- 2016: Charles P. Bell Conservation Scholarship, Conservation Federation of Missouri Charitable Trust (awarded to graduate student Nick Sievert)

- 2016: The Wildlife Society Wetland Working Group Travel Award (awarded to graduate student Julia Guyton)
- 2016: Janice Lee Fenske Memorial Award finalist (awarded to graduate student Julia Guyton)
- 2016: Student Achievement Award, Missouri Chapter of the American Fisheries Society (awarded to graduate student Corey Dunn)
- 2016: Best Student Aquatics Presentation, Missouri Natural Resources Conference (awarded to graduate student Jacob Schwoerer)
- 2016: University of Missouri Graduate fellowship, Missouri Chapter of The Wildlife Society (awarded to graduate student Julia Guyton)
- 2016: University of Missouri Graduate Fellowship (awarded to graduate student Julia Guyton)
- 2016: D.L. Hallett Award (awarded to graduate student Julia Guyton)
- 2016: Student Achievement Award, Missouri Chapter of the American Fisheries Society (awarded to graduate student Corey Dunn)
- 2016: Carl Morrow Graduate Scholarship, Conservation Federation of Missouri (awarded to graduate student Nick Sievert)
- 2015: Outstanding MS Thesis Award Finalist, University of Missouri (one thesis per Department is selected as a finalist; awarded to graduate student Nick Sievert)
- 2015: John D. Chambers Memorial Scholarship, Missouri Chapter of The Wildlife Society (awarded to graduate student Julia Guyton)
- 2015: Best Oral Presentation, Missouri Natural Resources Conference (awarded to graduate student Corey Dunn)
- 2014: American Fisheries Society Skinner Memorial Award (awarded to graduate student Nick Sievert)
- 2014: Finalist, Best Student Poster, American Fisheries Society Annual Meeting (awarded to undergraduate student Josey Ridgway)
- 2014: Second Place, Best Poster, Missouri River Natural Resources Conference (awarded to undergraduate student Josey Ridgway)
- 2014: Conservation Federation of Missouri Morrow Scholarship (awarded to graduate student Emily Pherigo)
- 2014: Best Student Aquatics Presentation, Missouri Natural Resources Conference (awarded to graduate student Emily Pherigo),
- 2014: Robert A. Klumb Missouri River Natural Resources Conference Student Travel Award (awarded to graduate student Emily Pherigo),
- 2014: Missouri Chapter of the Society of Conservation Biology Best Student Poster at the Missouri Natural Resources Conference (awarded to undergraduate student Josey Ridgway and graduate student Emily Pherigo),
- 2014: Janice Lee Fenske Memorial Award Winner (awarded to graduate student Emily Pherigo)
- 2014: Janice Lee Fenske Memorial Award finalist (awarded to graduate student Nick Sievert)
- 2014: Joan Duffy Travel Grant (awarded to graduate student Nick Sievert),
- 2013: Hutton Scholarship, American Fisheries Society (awarded to high school student Samantha See)
- 2013: McNair Scholarship, University of Missouri (awarded to undergraduate student Josey Ridgway)
- 2013: Best Student Poster, American Fisheries Society Annual Meeting (awarded to graduate student Nick Sievert)

- 2013: Undergraduate Travel Award, American Fisheries Society Annual Meeting (awarded to undergraduate student Travis Schepker)
- 2013: Conservation Federation of Missouri Stegner Scholarship (awarded to undergraduate student Jackman Eschenroeder)
- 2013: Best Student Aquatics Presentation, Missouri Natural Resources Conference (awarded to graduate student Jason Harris)
- 2013: MO AFS Student Achievement Award (awarded to undergraduate student Mike Moore)
- 2012: Joan Duffy Travel Grant (awarded to graduate student Landon Pierce)
- 2012: American Fisheries Society Skinner Memorial Award (awarded to graduate student Landon Pierce)
- 2012: Finalist, Best Student Presentation at the American Fisheries Society Annual Meeting, St. Paul, MN (awarded to graduate student Jon Spurgeon)
- 2012: Outstanding Graduate Student, Department of Fisheries and Wildlife Sciences, MU, (awarded to graduate student Jake Faulkner)
- 2012: Best Student Aquatics Presentation, Missouri Natural Resources Conference (awarded to graduate student Jason Harris)
- 2012: Second Place, Best Student Poster, Missouri Chapter of the Society for Conservation Biology (awarded to graduate student Jake Faulkner)
- 2011: Joan Duffy Travel Grant (awarded to graduate student Jake Faulkner)
- 2011: Janice Lee Fenske Memorial Award finalist (awarded to graduate student Jake Faulkner)
- 2011: Special Achievement Award, Kansas Cooperative Fish and Wildlife Research Unit, (awarded to graduate student Joe Gerken)
- 2011: Best Student Presentation, Kansas Chapter of the AFS (awarded to graduate student Joe Gerken)
- 2010: Outstanding Unit Student, Kansas Cooperative Fish and Wildlife Research Unit (awarded to graduate student Jason Fischer)
- 2010: Second Place, Best Student Presentation, Midwest Fish and Wildlife Conference (awarded to graduate student Jason Fischer)
- 2010: Certificate of Appreciation, Education Section, American Fisheries Society (awarded to graduate student Joe Gerken)
- 2010: Outstanding Kansas Coop Unit Student (awarded to graduate student Joe Gerken)
- 2010: Best Student Poster, Kansas Chapter of the AFS (awarded to undergraduate student Katie White)
- 2010: Kansas Chapter AFS Tiemeier-Cross Award (awarded to graduate student Joe Gerken)
- 2009: Second place, best student oral presentation, American Water Resources Association Annual Water Resources Conference (awarded to graduate student Andrea Severson)
- 2009: Ackert Award for Outstanding Presentation at the Biology Graduate Student Forum (awarded the graduate student Andrea Severson)
- 2009: Kansas Chapter of the Wildlife Society Travel Award (awarded to graduate student Mackenzie Shardlow)
- 2009: American Fisheries Society Skinner Memorial Award (awarded to graduate student Joe Gerken)
- 2009: Finalist, Best Student Poster, Annual AFS Meeting, (awarded the graduate student Andrea Severson)
- 2009: Nominee, Watkins Award for outstanding graduate student teaching in Biology, KSU (Andrea Severson)

- 2009: Best Student Presentation, Kansas Chapter of the AFS (awarded to graduate student Andrea Severson)
- 2009: Best Student Poster, Kansas Chapter of the AFS (awarded to graduate student Joe Gerken)
- 2009: Kansas Chapter AFS Tiemeier-Cross Award (Awarded to graduate student Andrea Severson)
- 2008: Outstanding Kansas Coop Unit Student (awarded to graduate student Mackenzie Shardlow)
- 2008: Second Place, Best Student Presentation, Midwest Fish and Wildlife Conference (awarded to graduate student Mackenzie Shardlow)
- 2008: Joan Duffy Travel Grant (awarded to graduate student Wes Bouska)
- 2008: Janice Lee Fenske Memorial Award finalist (awarded to graduate student Wes Bouska)
- 2008: Janice Lee Fenske Memorial Award Winner (awarded to graduate student Mackenzie Shardlow)
- 2008: Kansas Chapter AFS Tiemeier-Cross Award (Awarded to graduate student Josh Schloesser)
- 2008: American Fisheries Society Skinner Memorial Award (awarded to graduate student Josh Schloesser)
- 2008: American Fisheries Society Skinner Memorial Award (awarded to graduate student Jeff Eitzmann)
- 2008: American Fisheries Society Equal Opportunities Travel Award (awarded to graduate student Kristen Pitts)
- 2007: Janice Lee Fenske Memorial Award finalists (awarded to graduate student Josh Schloesser)
- 2007: Joan Duffy Travel Award runner up (awarded to graduate student Josh Schloesser)
- 2007: Runner Up, American Fisheries Society Best Student Writing Contest (awarded to graduate student Wes Bouska)
- 2007: American Fisheries Society Skinner Memorial Award (awarded to graduate student Jeff Eitzmann)
- 2007: American Fisheries Society Skinner Memorial Award (awarded to graduate student Jesse Fischer)
- 2007: Fourth place, best poster (coauthor with graduate student Josh Schloesser). Missouri River Natural Resources Conference
- 2007: Kansas Chapter AFS Tiemeier-Cross Award (Awarded to graduate student Jesse Fischer)
- 2007: Best Student Poster, Kansas Chapter of the AFS (coauthor with graduate student Jesse Fischer)
- 2007: Best Student Presentation, Kansas Chapter of the AFS (coauthor with graduate student Jesse Fischer)
- 2006: Kansas Chapter AFS Tiemeier-Cross Award (Awarded to graduate student Andy Makinster)
- 2006: Outstanding KS Coop Unit Student (awarded to graduate student Jesse Fischer)
- 2006: Janice Lee Fenske Memorial Award (awarded to graduate student Jesse Fischer)
- 2005: Outstanding KS Coop Unit Student (awarded to graduate student Andy Makinster)
- 2001: 2001 Bentley Research Award given to Nathan Olson (undergraduate advisor, SDSU)

Awards and Honors:

2018: Promoted to Full Professor at University of Missouri

2018: Gold Chalk Award for Outstanding Teaching and Mentoring, University of Missouri (only 4 faculty throughout the university are awarded this each year)

2018: Quality Step Increase (raise based on sustained high performance)

2017: USGS STAR Award for outstanding performance

2016: Co-lead Capitol Hill briefing to congressional staffers on effects of climate change on inland fish

2016: USGS STAR Award for development of Landscape Science initiative in USGS

2016: John L. Funk Award of Excellence, Missouri Chapter of the American Fisheries Society

2015: USGS STAR Award in the Cooperative Research Units for outstanding performance

2014: USGS STAR Award in the Cooperative Research Units for outstanding performance

2013: USGS STAR Award in the Cooperative Research Units for outstanding performance

2012: USGS STAR Award in the Cooperative Research Units for outstanding performance

2012: Letter of Appreciation from the Executive Office of the President, Office of Science and Technology Policy for contribution to the National Climate Assessment Technical Input on Biodiversity, Ecosystems, and Ecosystem Services

2012: Outstanding Graduate Professor, Department of Fisheries and Wildlife Sciences, MU

2011: USGS STAR Award in the Cooperative Research Units for outstanding performance

2010: USGS STAR Award in the Cooperative Research Units for service

2010: USGS STAR Award in the Cooperative Research Units for outstanding performance

2010: Best Professional Presentation, Kansas Chapter of the AFS

2009: USGS STAR Award in the Cooperative Research Units

2009: Finalist, Outstanding Biology Graduate Faculty Award, KSU

2009: Invited speaker, Natural Resources Ecology and Management, Iowa State University

2008: USGS STAR Award in the Cooperative Research Units

2008: Certificate of Appreciation, Education Section, American Fisheries Society

2007: USGS STAR Award in the Cooperative Research Units

2007: Best Professional Presentation, Kansas Chapter of the AFS

2006: USGS STAR Award for outstanding performance

2005: USGS STAR Award for outstanding performance

2005: Cooperative Research Units Leadership Development Program

2003: Selected as 1 of 2 Biological Resources Discipline posters from Western Region, USGS to be presented at the Program Coordinators-Regional Executives Meeting, Reston, VA

2000: Outstanding Ph.D. student, Dept. of Wildlife and Fisheries Sciences, SDSU

1999: Honorable Mention, Best Student Poster, Midwest Fish and Wildlife Conference, Chicago, IL

1999: Honorable Mention, Best Student Poster, 129th Annual American Fisheries Society Meeting, Charlotte, NC

1998: Skinner Memorial Award, American Fisheries Society

1998: Honorable Mention, Best Student Presentation Award, Southern Division AFS Mid-Year Meeting, Lexington, KY

1998: Oklahoma Chapter AFS Jimmie Pigg Student Travel Award

1997: Skinner Memorial Award Honorable Mention, American Fisheries Society

1996: Best Student Presentation, OK-TX joint AFS Annual Meeting, Pottsboro, TX

Invited Speakers and University Seminars:

2016: Department of Watershed Sciences, Utah State University
2016: USGS, Columbia Environmental Science Center
2016: Natural Resources Ecology and Management, Iowa State University
2015: Global Inland Fisheries Conference, United Nations, Rome
2015: USGS, Columbia Environmental Science Center
2014: Department of Zoology, Southern Illinois University
2014: University of Arizona
2013: Department of Fisheries and Wildlife, Michigan State University
2013: Missouri S & T University
2012: Glen Canyon Dam Adaptive Management Program Technical Working Group Meeting
2011: Annual Meeting of the Texas Cooperative Fish and Wildlife Research Unit
2009: Kansas Engineering Conference
2009: Natural Resources Ecology and Management, Iowa State University
2007: University of Kansas Field Station and Ecological Reserves Seminar Series
2005: Keynote Speaker, Kansas Chapter of the American Fisheries Society Annual Meeting
2005: The Ohio State University, School of Natural Resources, Departmental Seminar Series

Presentations at Professional Society Meetings

Craig has been lead or coauthor on over 375 presentations at professional society meetings such as state, regional, and international American Fisheries Society meeting, the World Fisheries Congress, Society of Freshwater Science, Global Inland Fisheries Conference, and the American Water Resources Association.

Teaching

Instructor of Record:

2019: Perspectives for Emerging Professionals (FW 8001), Univ. of Missouri
2016: Future of Fisheries (FW 8001), University of Missouri (MU)
2012, 2014, 2018: Advanced Fisheries Science (FW 8001), University of Missouri (MU)
2004-2008: Advanced Fisheries Science (BIOL 890), Kansas State University (KSU)
2004-2008: Fisheries Management (BIOL 696), KSU
2006: Food Webs (BIOL 890), KSU
2001-2002: Environmental Conservation (WL 110), SDSU

Current Graduate Students:

Hadley Boehm, Ph.D. expected 2023
Michael Moore, Ph.D. expected 2021
Michael Thomas, M.S. expected 2020
Nick Sievert, Ph.D. expected 2020
John Brant, M.S. expected 2019
Corey Dunn, Ph.D. expected 2019

Landon Pierce, Ph.D. expected 2019
Emily Pherigo, M.S. expected 2019

Post Doctoral Research Associates and Staff

Post docs:

Garth Lindner, 2014-present
Ralph Tingley, 2017-present

Staff:

Emily Tracy-Smith, Sr. Research Specialist, 2011-present
Brandon Brooke, Sr. Research Technician, 2015-present
Tyler Arnold, Sr. Research Technician, 2019-present

Past Post Docs and Research Staff:

1. Dr. Allison Pease, 2010-2012
Topic: Effects of climate change on fish and fish habitat
Current Employment: Assistant Professor, Texas Tech University.
2. Dr. Karthik Masagounder, 2010-2012
Topic: Validation of an Asian carp bioenergetics model
Current position: Biologist, Evonics Inc.
3. Dr. Michelle Staudinger, 2011-2014
Topic: Effects of climate change on biodiversity
Current Employment: Science Coordinator, USGS Northeast Climate Science Center.
4. Dr. Jacob Westhoff, 2012-2014
Topic: Effects of climate change on stream temperature and smallmouth bass
Current Employment: Native Fish Research Biologist, Missouri Department of Conservation.
5. Dr. Katy Klymus, 2012-2014
Topic: Use of eDNA as an assessment tool for Asian carp detection
Current Employment: Ecologist, USGS, Columbia Environmental Research Center.
6. Dr. Damon Krueger, 2014
Topic: Effects of climate change on stream fish in the Northeast US
Current Employment: Quality Assurance Engineer, Ford Motor Company.
7. Mr. Dan Whiting, 2010-2013
Topic: Translocation of humpback chub in Grand Canyon
Current Employment: High school biology teacher, Harrisburg, Missouri
8. Mr. Ryan Lueckenhoff, 2013-2015
Topic: Effects of dissolved oxygen on fishes in the Osage River
Current Employment: Private Lands Specialist, Missouri Department of Conservation
9. Dr. Kristen Bouska, 2014 - 2015
Topic: Effects of climate change on river floodplains
Current Employment: Ecologist, USGS, Upper Midwest Environmental Science Center
10. Dr. James Whitney, 2014 - 2015
Topic: Effects of climate change on inland fisheries

Current Employment: Assistant Professor, Pittsburg State University

Past Graduate Students:

1. Makinster, A. 2006. Ecology of flathead catfish in the Kansas River. M.S. thesis, Kansas State University.
Current position: Fisheries Biologist, Arizona Game and Fish Department
2. Fischer, J. 2007. Structural organization of Great Plains stream fish assemblages: Implications for sampling and conservation. M.S. thesis, Kansas State University.
Current position: Post-Doctoral Researcher, North Carolina State University
3. Eitzmann, J. 2008. Spatial habitat variation in a Great Plains river: effect on the fish assemblage and food web structure. M.S. thesis, Kansas State University.
Current position: Mineral extraction consultant, Nevada
4. Pitts, K. 2008. Assessing threats to native fishes in the Lower Colorado River Basin. M.S. thesis, Kansas State University.
Current position: Post-doctoral research associate, University of Missouri
5. Schloesser, J. 2008. Large river fish community sampling strategies and fish associations to engineered and natural river channel structures. M.S. thesis, Kansas State University.
Current position: Fish Biologist, US Fish and Wildlife Service, Wisconsin
6. Bouska, W. 2008. Road crossing design and their impact on fish assemblages and geomorphology of Great Plains streams. M.S. thesis, Kansas State University.
Current position: Biologist, US Fish and Wildlife Service, Missouri
7. Shardlow, M. 2009. Factors affecting detectability and distribution of the North American river otter. M.S. thesis, Kansas State University.
Current position: Wildlife Diversity Biologist, Nevada Department of Wildlife
8. Severson, Andrea. 2010. Thesis: Effects of zebra mussel invasion in fish and invertebrates in a Great Plains reservoir. M.S. thesis, Kansas State University.
Current position: Biologist, Bureau of Land Management, Nebraska
9. Spurgeon, Jonathan. 2012. Thesis: Translocation of humpback chub (*Gila cypha*) and food-web dynamics in Grand Canyon National Park tributary streams. M.S. thesis, University of Missouri.
Current position: Ph.D. student, University of Nebraska-Lincoln
10. Fischer, Jason. 2012. Thesis: Effects of sand dredging on fish and fish habitat in a large river. M.S. thesis, Kansas State University.
Current position: Ecologist, US Geological Survey, Michigan
11. Harris, Jason. 2013. Thesis: Habitat selection, movement, and home range of largemouth bass (*Micropterus salmoides*) following a habitat enhancement project in Table Rock Lake, Missouri. M.S. thesis, University of Missouri.
Current position: Fish Biologist, Minnesota Department of Natural Resources
12. Sievert, Nick. 2014. Thesis: An assessment of stream fish vulnerability and an evaluation of conservation networks in Missouri. M.S. thesis, University of Missouri.
Current position: PhD student, University of Missouri
11. Faulkner, Jake. 2015. Thesis: Multi-scale Resource Selection of Niangua Darters in the Osage River Basin, Missouri. M.S. thesis, University of Missouri
Current position: Chief, Operating Permits, Water Protection Program, Missouri Department of Natural Resources

12. Gerken, Joe. 2015. Dissertation: Fish and Invertebrate Community Response to Flow Magnitude in the Kansas River. PhD Dissertation, Kansas State University.
Current position: University of Florida
13. Kleekamp, Ethan. 2016. Thesis: Streams in a changing landscape: Identifying candidate reference reaches to assess the physical and biotic integrity of Missouri's wadeable streams. M.S. thesis, University of Missouri
Current position: Technician University of Missouri
14. Schwoerer, Jacob. 2016. Thesis: Assessing the vulnerability of stream communities and the consistency and use of biotic indices in least-disturbed streams. M.S. thesis, University of Missouri
Current position: Technician University of Missouri
15. Julia Guyton. 2017. Evaluating sampling methods and investigating distribution and richness of fish and amphibians in Missouri wetlands. M.S. thesis, University of Missouri
Current position: Ducks Unlimited, Missouri
16. Zach Morris. 2018. Determining electrofishing immobilization thresholds of Smallmouth Bass, Flathead Catfish, and Blue Catfish. M.S. thesis, University of Missouri
Current position: Consulting Firm, Missouri
17. Elisa Baebler. 2018. Habitat selection and movement by Spotted Bass and Shorthead Redhorse downstream of a hydropeaking dam in Missouri. M.S. thesis, University of Missouri
Current position: Research Specialist, University of Missouri

Publications

Books

- Paukert, C. P., and G. Scholten, editors. 2009. Paddlefish Management, Propagation, and Conservation in the 21st Century: Building from 20 years of Research and Management. American Fisheries Society, Bethesda, Maryland.

Book chapters

- Paukert, C. P., and *J. Spurgeon. 2017. Age structure. Pages 221 to 232 in M. Quist and D. Isermann, editors. Age and growth of fishes: principles and techniques. American Fisheries Society, Bethesda, Maryland.
- Paukert, C. P. and D. Galat. 2010. Large warmwater rivers. Pages 699-730 in: W. A. Hubert and M. C. Quist, editors. Inland Fisheries Management in North America, third edition. American Fisheries Society, Bethesda, Maryland.
- Isermann, D. and C. P. Paukert. 2010. Regulating harvest. Pages 185-212 in: W. A. Hubert and M. C. Quist, editors. Inland Fisheries Management in North America, third edition. American Fisheries Society, Bethesda, Maryland.
- *Gerken, J., and C. Paukert. 2009. Habitat threats to paddlefish. Pages 173-184 in: C. P. Paukert and G. Scholten, editors. Paddlefish management, propagation, and conservation in the 21st century: building from 20 years of research and management. American Fisheries Society, Bethesda, Maryland.

- Hansen, K., and C. Paukert. 2009. Current management of paddlefish sport fisheries. Pages 277-290 *in* Paukert, C. P., and G. Scholten, editors. Paddlefish Management, Propagation, and Conservation in the 21st Century: Building from 20 years of Research and Management. American Fisheries Society, Bethesda, Maryland.
- Peterson, J. T., and C. P. Paukert. 2009. Data conversion methods for various sampling methods. Pages 194-214 *in*: S. A. Bonar, D. W. Willis, and W. A. Hubert, editors. Standardized sampling methods for fishes in North America.
- Quinn, S. P., and C. P. Paukert. 2009. Recreational and commercial fisheries for centrarchids. Pages 312-339 *in*: S. J. Cooke and D. P. Phillip, editors. Ecological Diversity of Centrarchid Fishes: Basic and Applied Perspectives. Blackwell Science.
- Paukert, C. P., and J. M. Long. 2004. GIS applications in reservoir fisheries. Pages 85-112 *in* W. L. Fisher and F. J. Rahel, editors. Geographic information systems in fisheries. American Fisheries Society, Bethesda, Maryland.

Peer-reviewed

*denotes graduate student/post doc; **denotes undergraduate student

- Counihan, T. D., I. R. Waite, A. F. Casper, D. L. Ward, J. S. Sauer, E. R. Irwin, C. G. Chapman, B. S. Ickes, C. P. Paukert, J. J. Kosovich, and J. M. Bayer. 2018. Can data from disparate long-term fish monitoring programs be used to increase our understanding of regional and continental trends in large river assemblages? PLoS ONE doi.org/10.1371/journal.pone.0191472.
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Grants Received

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- Paukert, C. P., and G. Lindner. Potential for conservation lands in Middle Mississippi River floodplains to mitigate flood flows for ecosystem services. U.S. Geological Survey, Science Support Partnership, \$233,520 (2017-2020)
- Paukert, C. P., and M. Byrne. Winter aggregation potential of Grass Carp in Truman Reservoir. U.S. Geological Survey, Columbia Environmental Research Center, \$78,570 (2017-2020)
- Paukert, C. T. Moore, and D. Lobb. Habitat selection and dispersal of Lake Sturgeon in Missouri River tributaries: Implications for species recovery and a future recreational fishery. MO Department of Conservation \$570,777 (2016-2021).
- Paukert, C., and D. Lobb. Habitat use and distribution of lithophilic spawning and riffle fishes in the East Fork Black River. MO Department of Conservation \$139,701 (2016-2019).

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