



## MISSOURI COOPERATIVE FISH & WILDLIFE RESEARCH UNIT

### POST DOCTORAL RESEARCH ASSOCIATE: THERMAL ECOLOGY OF STREAM FISHES TO INFORM SPECIES STATUS ASSESSMENTS

**Agency/location:** Missouri Cooperative Fish and Wildlife Research Unit, School of Natural Resources, University of Missouri; Columbia, Missouri

**Responsibilities:**

1. Identify linkages among multiple thermal metrics (e.g., thermal preference, optima, and maximum) that define lethal and sublethal effects of temperature on stream fishes.
2. Use laboratory-based experiments to determine the metrics identified in objective 1 for two rare stream fish species, Ozark Shiner and Blacknose Shiner
3. Work with the Missouri Department of Conservation, US Fish and Wildlife Service, and other stakeholders to integrate objectives 1 and 2 into prioritizing stream reaches with greatest conservation value in a changing climate, and help inform the Ozark Shiner Species Status Assessment by the US Fish and Wildlife Service.

**Qualifications:** PhD in fisheries or related program. Ability to work effectively in a team and with agency biologists is critical; experience in stream fish conservation, thermal ecology and species distribution models preferred; strong analytical (e.g., GIS, spatial statistics) and organizational skills, demonstrated ability to present and publish results.

**Stipend:** \$50,000/year plus benefits. Position will be for a minimum 2 years, based on annual funding allocations.

**Closing date:** Review of applications will begin October 9, 2020 and is open until filled. Start date is January 2021 but flexible based on covid restrictions and funding approval.

**Contact:** Send letter of interest, resume, contact information for three references to Craig Paukert, Missouri Cooperative Research Unit, University of Missouri-Columbia. 573-355-6900; [paukerc@missouri.edu](mailto:paukerc@missouri.edu); Web link: <http://riverstudies.com/>