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 April 1, 2021 and is open until filled. Start date is summer 2021 but flexible based on covid restrictions.

Contact: Send letter of interest, resume, contact information for three references in one pdf document to Craig Paukert, Missouri Cooperative Research Unit, University of Missouri-Columbia. 573-355-6900; paukertc@missouri.edu; Web link: http://riverstudies.com/

**************************************************************************************************
Craig Paukert
Leader and Cooperative Professor
Missouri Cooperative Fish and Wildlife Research Unit
The School of Natural Resources
302 ABNR Building, The University of Missouri
Columbia, MO 65211
573-882-3524 (office)
573-355-6900 (cell)
paukertc@missouri.edu
http://riverstudies.com/