



MISSOURI  
COOPERATIVE  
FISH & WILDLIFE  
RESEARCH UNIT



## POST DOCTORAL FELLOW:

### Application of Structured Decision Making and Adaptive Management for the Prevention and Control of Invasive Species

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

**Responsibilities:**

1. Operationalize aquatic invasive species' early detection and rapid response framework by resource managers using natural resource decision-making elements to develop a prevention and monitoring program for Prussian carp.
2. Evaluate the potential outcomes of management actions to control black carp in the Illinois River and expansion into Lake Michigan with additional emphasis on evaluating alternative monitoring programs and uncertainties to research and monitoring efforts.
3. Given management objectives, evaluate the likelihood of invasive carp control and deterrent efforts at sites in the Tennessee River, Cumberland River, and Tennessee-Tombigbee Waterway.
4. Work collaboratively with state and federal agency biologists, and academics to lead workshops, and communicate decision processes with stakeholders.
5. Present/publish results in agency workgroups, peer-reviewed journals, and professional society meetings.

**Minimum Qualifications:** Ph.D. in fisheries, decision science, quantitative ecology, or related program (at time of appointment)

**Candidates will be evaluated on:**

Ability to work effectively in a team and with agency biologists.

Experience in decision analysis.

Strong analytical and organizational skills.

Ability to present and publish results.

**Salary:** Competitive based on skills and experience. The position includes benefits. The position will last at least 2 years, based on annual funding allocations. On-site appointment (Columbia, MO) is preferred, but remote will be considered.

**Application Procedure:**

Apply online at <https://hr.missouri.edu/job-openings>, Job ID# 48531.

**Application Materials**

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Send letter of interest, resume, and contact information for three references in one pdf document to [Craig Paukert](mailto:paukerc@missouri.edu), Missouri Cooperative Research Unit, University of Missouri-Columbia; [paukerc@missouri.edu](mailto:paukerc@missouri.edu); and [Mike Colvin](mailto:mcolvin@usgs.gov), US Geological Survey, Columbia, MO; [mcolvin@usgs.gov](mailto:mcolvin@usgs.gov).

Review of applications will begin September 30, 2023, and continue until the position is filled.

### **Values Commitment**

We value the uniqueness of every individual and strive to ensure each person's success. Contributions from individuals with diverse backgrounds, experiences and perspectives promote intellectual pluralism and enable us to achieve the excellence that we seek in learning, research and engagement. This commitment makes our university a better place to work, learn and innovate.

In your application materials, please discuss your experiences and expertise that support these values and enrich our missions of teaching, research and engagement.

### **Equal Employment Opportunity**

Equal Opportunity is and shall be provided for all employees and applicants for employment on the basis of their demonstrated ability and competence without unlawful discrimination on the basis of their race, color, national origin, ancestry, religion, sex, pregnancy, sexual orientation, gender identity, gender expression, age, disability, protected veteran status, or any other status protected by applicable state or federal law. This policy shall not be interpreted in such a manner as to violate the legal rights of religious organizations or the recruiting rights of military organizations associated with the Armed Forces or the Department of Homeland Security of the United States of America. For more information, call the Director of Employee and Labor Relations at 573-882-7976.

To request ADA accommodations, please call the Director of Accessibility and ADA at 573-884-7278.