Fisheries Postdoctoral Scholar

Agency: Midwest State University

Location: Midwest U.S. (location flexible)

Category: Post-doctoral Appointment (2-year)

Salary: $45,000.00, plus benefits (health, dental, limited life insurance)

Start date: 09/15/2020

Last Date to Apply: 08/07/2020

Description:

We are seeking a post-doctoral scholar to analyze data from a long-term, multi-species population study across reservoirs from a large region of the Midwest. The study will focus on understanding biological factors contributing to recruitment failure across several species in the region. The results of this study will be used to inform management decisions regarding recreational fisheries guidelines. The scholar will be responsible for organizing and managing a large and continuous 20-year multi-species population dataset. Publication of at minimum two peer-reviewed original research papers is expected. Additionally, scholars are expected to assist in mentoring graduate and undergraduate students in the lab. Scholars are also expected to regularly present research findings at appropriate professional meetings. Travel funds will be made available. Regular presentations and contact with the public are required. Therefore, the candidate must have excellent written and verbal communications skills. Due to the broad scope of this project, strong attention to detail and organizational skills are necessary for success in this position. The Midwest State University values respect, diversity, and public service, and the candidate must reflect these values. The candidate will also be expected to lead by example and treat all with respect; this means conducting themselves in a manner consistent with the university's core values.

Qualifications:

- Must have completed a Doctorate in quantitative ecology, computational biology, wildlife/fisheries science, or related field by date of hire.
- Advanced knowledge of the following: fish and population ecology, relevant to the study system; community ecology; contemporary fisheries sampling gear and appropriate advanced data analysis techniques; fisheries management agreements; relevant stakeholders, by area; scientific communication.
- Must have knowledge and demonstrated proficiency in advanced statistical programming (R or Python preferred), database management (SQL languages), and spatial mapping/remote sensing software (ArcGIS, QGIS, etc.).
- Experience with advanced modelling and interpretation.
- Strong interpersonal skills, and well-developed written and verbal communication skills.
- Demonstrated ability to publish original research in well-respected scientific journals.
- Experience/comfort leading state/federal meetings with diverse public groups, scientists, stakeholders, and decision-makers.
- Demonstrated ability to manage project goals, meet deadlines, and accomplish projects on-budget.
- Must be able to collaborate effectively with adjacent state/federal/tribal agencies and NGOs.
- A passion and enthusiasm for working with natural resources.