

Post-Doctoral Fellow - AU Fish Ecology Group Auburn University

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Posted Sep. 13, 2022, set to expire Apr. 30, 2024

Job Title	Post-Doctoral Fellow - AU Fish Ecology Group
Department	School of Fisheries, Aquaculture & Aquatic Sciences
Institution	Auburn University Auburn, Alabama

Date Posted	Sep. 13, 2022
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Application Deadline	Open until filled
Position Start Date	Available immediately

Job Categories	Post-Doc
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Academic Field(s)	Environmental Sciences/Ecology/Forestry
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Job Website	https://www.auemployment.com/postings/32504
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Apply By Email

Job Description

Job Description Summary

The Fish Ecology Group at the Ireland Center in Auburn University's School of Fisheries, Aquaculture & Aquatic Sciences is currently seeking interested and qualified applicants for a postdoctoral position to participate in a large scale, comprehensive study of the influence of dams with low-use navigational locks on riverine fish populations. The overall project includes a combination of field sampling and fish tracking, lab work with fish physiology (respirometry and ETS analyses), and hydrological/behavioral simulation modeling components, all in a collaborative research effort involving Auburn University personnel and colleagues from State and Federal agencies. This is a benefit eligible, non-tenure track position. The appointment is for an initial period of one year with a possibility of continuance up to a maximum of four years depending on performance and funding availability.

The Program: The Fish Ecology Group at the Ireland Center in Auburn University's School of Fisheries, Aquaculture & Aquatic Sciences is currently involved in research investigating the ecology and management of aquatic organisms in a variety of systems. Recent/ongoing work has included the

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effects of a peaking hydropower facility on downstream fishes, respirometry and ETS measures of fishes to quantify thermal and DO stress, ecology of coastal fishes in the northern Gulf of Mexico, effects of an introduced planktivore on resident fishes and other aquatic organisms in Alabama reservoirs, adaptations of freshwater fishes to life in estuarine waters, use of lock chambers to pass riverine fishes, management of small impoundments, as well as study of the ongoing study of the effects of lock-and dam structures on riverine fishes. Laboratory and field facilities are outstanding, including expansive pond facilities, large wet labs, controlled environment space, laboratory respirometry capabilities (including both static and swimming respirometry), and recently renovated student office space. Our staff and students work with natural resource agency biologists, travel widely for professional activities, and maintain a team approach to research.

The Postdoctoral Position: We are seeking someone at the postdoctoral level to work with the PIs to provide oversight of the project, helping to coordinate field and lab schedules of graduate students and technicians, and to take the lead on some individual aspects of the project within their particular area of expertise. Ecologists with strong backgrounds in field, laboratory, and/or quantitative approaches (e.g., statistical analyses, behavioral modelling, etc.) are desired. Preparation of manuscripts for publication will be an important aspect of the position, both from this work as well as from the individual's previous work. The salary will be commensurate with the selected individual's experience, and will include benefits, as well as any required technical help, all costs of conducting the research (including travel to field sites, supplies and equipment, etc.), and travel to scientific meetings.

Minimum Qualifications

The minimum qualification is an earned Ph.D. in Fisheries or closely related field at the time employment begins.

Desired Qualifications

Special Instructions to Applicants

Applicants must complete an on-line application process at the following link:

<https://www.auemployment.com/postings/32322> and attach the following: 1) cover letter stating research interests and career goals, 2) current curriculum vita, and 3) copies of all academic transcripts. When prompted, please provide names, phone numbers, and email addresses of three professional references. Only complete application materials will be considered. Active review of applications will begin October 10, 2022 and continue until the position is filled. Salary will be commensurate with education and experience.

For questions or additional information regarding the position, please contact either:

Dennis DeVries (devridr@auburn.edu; 334/844-9322)

Rusty Wright (wrighr2@auburn.edu; 334/844-9311)

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Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

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