Two Ph.D. Assistantships with the University of Arkansas Cooperative Fish and Wildlife Research Unit in the Department of Biological Sciences

The Magoulick Lab at the University of Arkansas is accepting applications for two Ph.D. assistantships. Our research efforts focus on factors affecting population and community dynamics of freshwater fish and invertebrates, especially the role of disturbance in community dynamics, impacts of introduced species in aquatic ecosystems and conservation of aquatic ecosystems. The first assistantship will examine the influence of temperature, hydrology and land use on the distribution of Smallmouth Bass (Micropterus dolomieu) in Arkansas and the Interior Highlands. The second project will examine the effect of current and future climate on Endangered Yellowcheek Darter (Etheostoma moorei) growth, survival and refuge use. In both cases students would have flexibility to pursue research related to the funded project. These projects and related work are carried out using a combination of comparative field studies, field and lab experiments, and modeling approaches.

Applicants should have a BS and preferably MS in fisheries, ecology, biology, or a related field; 3.2 GPA (minimum); 300 (V+Q) minimum GRE. Previous research experience with fish and/or streams and strong quantitative skills are preferred. Applicants must be responsible, motivated, and able to work independently and in teams.

Ph.D. stipends will be $18,720 plus benefits and full tuition waiver with potential for additional fellowships (http://graduate-recruitment.uark.edu/funding-degree/fellowships.php). Assistantships are available pending funding.

Applications will be considered as they are received but for full consideration all materials should be sent by January 23, 2019. Start date will be summer or fall 2019.

Email 1) a letter describing your interests and career goals, 2) Curriculum Vitae (including GPA and GRE scores), 3) names and telephone numbers of three references, and 4) unofficial transcripts to: Dan Magoulick, Arkansas Cooperative Fish and Wildlife Research Unit, Department of Biological Sciences, University of Arkansas, Fayetteville, AR 72701, danmag@uark.edu, http://danmag.wixsite.com/business-services, 479-575-5449.