

## **POST DOCTORAL FELLOW**

The School of Forestry and Wildlife Sciences at Auburn University is soliciting applications for a post doctoral research fellow to work with The Alabama Cooperative Wildlife Research Unit, located at Auburn University, Auburn, AL. to develop decision support tools for evaluating conservation strategies under competing models of climate change and response by aquatic and terrestrial wildlife populations. Successful completion of the initial phases of this project will result in the development of a framework for using Adaptive Management (AM) and the principles of Strategic Habitat Conservation (SHC) to address the potential impacts of climate change on terrestrial and aquatic species in the southeastern United States. This position is currently funded for two years with two additional years of funding contingent on success of the initial phases.

The framework should consist of completing the Assessment and Design phases of AM, which correspond closely with requirements associated with Biological Planning and Conservation Design for SHC. Thus, identification of stakeholders and solicitation of their input in the establishment of strategic objectives and alternative strategies is imperative. This will be accomplished through a series of workshops and meetings with stakeholders across the region. The candidate selected for this position must be able to meet eligibility requirements to work in the United States at the time appointment is scheduled to begin and continue working legally for the proposed term of employment; excellent communication skills required.

### **WOMEN AND MINORITIES ARE ENCOURAGED TO APPLY**

#### **Qualifications:**

Ph.D. required in wildlife biology, conservation biology, ecology, biometrics, or a related field. Applicants will be evaluated on their experience and abilities in the 3 primary areas of quantitative expertise used in structured decision making: modeling, estimation and optimization. Applicants should be proficient in at least one of these areas. Desired qualifications include demonstrated research experience in structured decision making. The candidate must demonstrate commitment to timely completion of deliverables, commitment to publication of results in peer-reviewed outlets, and strong potential to work collaboratively with multiple agencies on a highly visible research topic.

#### **Responsibilities** (include but are not limited to):

- Work closely with investigators at partner agencies and universities developing downscaled climate projections, land cover projections, and animal distributions.
- Organize and direct stakeholder meetings to establish focal species, conservation objectives, and strategic conservation actions and alternatives as they pertain to the project goals.
- Lead the development of models to evaluate the uncertainty associated with aquatic and terrestrial vertebrate responses to climate projections and proposed conservation strategies based on science-based structured decision making.
- Participate in graduate-level education by leading seminars or directed studies and advising graduate students participating in the project.

**Salary:**

Salary is very competitive and is commensurate with skills and qualifications.

**APPLICATION:** To apply, submit a letter of application, resume, official transcripts and the names and contact information for three references (name, address, phone number and email addresses) to Dr. Gary Hepp, School of Forestry and Wildlife Sciences, 602 Duncan Drive, Auburn University, AL 36849-5418, USA. Review of applications will begin September 21, 2009, and continue until a successful candidate has been recommended for appointment.

FOR MORE INFORMATION: Contact Dr. Barry Grand, Co-Chair, Search Committee:  
[grandjb@auburn.edu](mailto:grandjb@auburn.edu) (334-844-9237).

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