

# Hiring: Post-doctoral Researcher

Willson Lab, University of Arkansas, Fayetteville

The Willson Lab at the University of Arkansas (<https://www.willsonlab.com/>) is seeking an outstanding postdoctoral researcher to work on [a large field study](#) funded by the US Department of Energy's Solar Energy Technologies Office that seeks to understand wildlife use of solar arrays under varying management regimes, especially those managed for native vegetation. The project will use repeated sampling with a variety of automated and manual survey methods to sample birds, mammals, reptiles, amphibians, and pollinators across sites in Arkansas and surrounding regions and use Bayesian community occupancy models to determine how site, landscape, and management variables influence wildlife use of solar arrays. The post-doc will assist the PIs in project design and management, coordinate fieldwork, mentor graduate and undergraduate students, lead data analysis using multispecies community occupancy models, and lead aspects of report and manuscript preparation. The post-doc will also contribute to associated ecological outreach and education activities and preparation of outreach materials.

## Timeline:

- **Application Deadline: Until filled; for full consideration apply by 1 August 2023**
- **Start Date:** Flexible, before Dec 2023
- **Duration:** Two-years, renewable based on the need for the position, availability of funding, and continued satisfactory level of performance in the role.

## Salary:

- **\$45,000**

## Minimum Qualifications:

- PhD in Biology, Wildlife Ecology, or related field by 1 Jan 2024
- Strong written and oral communication skills, as evidenced by scientific publications and presentations

## Preferred Qualifications:

- Experience with ecological statistics, especially occupancy analyses and Bayesian approaches
- Experience with programming in R or related software packages
- Experience conducting biological fieldwork, especially with herpetofauna
- Mentoring experience
- Interest and experience in ecological outreach and education

**To Apply:** [https://uasys.wd5.myworkdayjobs.com/UASYS/job/Fayetteville/Postdoctoral-Fellow-in-Biological-Sciences\\_R0041394](https://uasys.wd5.myworkdayjobs.com/UASYS/job/Fayetteville/Postdoctoral-Fellow-in-Biological-Sciences_R0041394)

## For More Information:

- Willson Lab: <https://www.willsonlab.com/>
- Project: <https://www.willsonlab.com/nativesolar>
- Contact J.D. Willson with questions or inquiries: [jwillson@uark.edu](mailto:jwillson@uark.edu)