



Department of Forest and Wildlife Ecology
Russell Laboratories, 1630 Linden Drive
Madison WI 53706-1598 USA
<http://forestandwildlifeecology.wisc.edu/>

Post-doc Position in Deer Management and Chronic Wasting Disease Modeling

Background: We are recruiting a post-doctoral researcher to lead a project leveraging information maintained by state agencies to evaluate impacts of white-tailed deer management practices on Chronic Wasting Disease (CWD) dynamics in the Midwest. This will involve collating data across states (currently in progress), designing and performing analyses, and ultimately identifying realistic harvest regulations most likely to have the desired outcome for managing CWD. The postdoc will also assist in planning an adaptive management workshop for participating state agencies to effectively use the results of the modeling effort regarding harvest strategies.

The position is available for 2 years with an annual salary of \$57,000. This position is part of a larger collaborative project between the University of Wisconsin-Madison, U.S. Geological Survey, and the Wisconsin Department of Natural Resources aimed to elucidate the relationships between white-tailed deer management, hunter behavior, and CWD dynamics. The postdoc will be co-advised by Dr. Wendy Turner (USGS/UW-Madison) and Dr. Daniel Walsh (USGS/University of Montana).

Location: The position is funded through the Department of Forest and Wildlife Ecology at the University of Wisconsin-Madison. Work location for the successful candidate can be flexible, based in Madison, WI at UW-Madison, or Missoula, MT at University of Montana, or remotely (within the U.S.), with periodic travel required.

Qualifications: We seek candidates with a PhD in statistics, ecology, epidemiology, or related discipline, excellent communication and statistical skills (e.g., Bayesian hierarchical modeling), and experience or interest in adaptive management, modeling infectious disease and harvest management outcomes. Previous experience with large biological databases is highly beneficial. Strong computing and data management skills are required and can include R, Python or other programming languages. The candidate should have demonstrable ability to produce quality manuscripts for publication in peer-reviewed journals and experience working in collaborative research environments, including working with outside partner organizations.

Start Date: November 2022 (negotiable)

To apply: Please send a single .PDF document including a cover letter summarizing research interests and experiences in relation to the qualifications, curriculum vitae, unofficial list of relevant coursework, and contact information for three references to Dr. Wendy Turner (wendy.turner@wisc.edu). We strongly encourage people from historically underrepresented groups to apply.

Review of applications will begin September 12, 2022, and will continue until the position is filled.

After reviewing all applicants, we will ask for reference letters from top candidates.

The position is open to both U.S. citizens and international applicants, though remote work from an international location is not allowed based on university policy. UW-Madison will assist with visa applications as necessary once an offer is made.

The College of Agricultural and Life Sciences (CALs) is committed to maintaining and growing a culture that embraces diversity, inclusion, and equity, believing that these values are foundational elements of our excellence and fundamental components of a positive and enriching learning and working environment for all students, faculty, and staff. At CALs, we acknowledge that bias, prejudice, racism, and hate have historically occurred in many forms that cause significant and lasting harm to members of our community. We commit to taking actions each day toward a college that is inclusive and welcoming to all.