

Post-doc: Wolf monitoring and population modeling

Agency University of Wisconsin

Location Madison, WI

Website <http://labs.russell.wisc.edu/vandeelen/>

Salary \$43,000

Start Date September 1, 2016

Last Date to Apply July 1, 2016

Description Drs. Tim Van Deelen (University of Wisconsin-Madison), Shawn Crimmins (University of Wisconsin-Stevens Point), and Nathan Roberts (Wisconsin Department of Natural Resources) are seeking a Postdoctoral researcher to evaluate alternative monitoring approaches for wolves in Wisconsin. The postdoc will be responsible for developing spatially explicit models of wolf abundance using extensive snow-tracking, telemetry, and demographic datasets. The postdoc will also coordinate and participate in ongoing field activities related to additional monitoring efforts including remote camera surveys, noninvasive genetic sampling, and telemetry. The postdoc will be expected to develop peer-reviewed manuscripts related to wolf monitoring and wolf ecology and will have the freedom to develop additional manuscripts and contribute to related research projects as time allows. The position is funded for two years.

The postdoc will have their choice of UW-Madison campus, UW-Stevens Point campus, or DNR offices in Madison or Rhinelander as their duty station. The postdoc will be co-supervised by Tim Van Deelen and Shawn Crimmins. We anticipate a start date of September 1, however the postdoc could start earlier if desired.

Qualifications Ph.D. in Wildlife, Natural Resources, Biometrics, or a related field. Excellent quantitative skills (R or JAGS programming, Bayesian estimation procedures, etc.) are required. The ideal candidate will have experience with modern analytical techniques including patch occupancy, spatial capture-recapture, resource selection, and integrated population models. The candidate should have demonstrable ability to produce quality manuscripts for publication in peer-reviewed journals and have extensive experience working with agency personnel in collaborative research environments.

To apply please send a cover letter, CV, and contact information for three references as a single .pdf document to Shawn Crimmins (scrimmins'at'wisc.edu). Review of applications will begin immediately and continue until a suitable candidate is found.

Contact Person Dr. Shawn Crimmins

Contact eMail scrimmins'at'wisc.edu