

Wildlife Data Scientist in Movement Ecology and Conservation



The [Merkle Research Group](#) at the University of Wyoming is seeking a Wildlife Data Scientist to work at the interface of data science and the ecology and conservation of animal movement. The scientist will develop and publish independent research in collaboration with the [Wyoming Cooperative Fish and Wildlife Research Unit](#) and our state, federal, and NGO partners. The scientist will also provide data science service to multiple units at University of Wyoming including the Merkle Research Group and [Wyoming Geographic Information Science Center](#).

Research themes can be geared to the scientist's interests but must center on the ecology and conservation of animal movement. The scientist will have the opportunity to play a strong role in leading data science activities (e.g., GIS workflow development, R package development, database development and management) relative to several research and conservation programs within the Merkle Research Group. Further, the scientist will play a leadership role in developing a wildlife ecology component to the University of Wyoming's brand-new School of Computing.

Minimum qualifications include: 1) PhD in wildlife ecology, quantitative ecology, Information Technology, computing, or related field; 2) Proficient with R and ArcGIS; 3) Strong career interest in developing connections between data science and ecology; 4) Experience with managing and analyzing remote sensing and GPS collar data; 5) Excellent written, verbal, and interpersonal communication skills; and 6) Excellent peer-reviewed publication record for career stage.

Desired qualifications include: 1) Experience working with interdisciplinary teams; 2) Experience coordinating analytical teams; 3) History working with field biologists and wildlife managers; 4) Knowledge of various database programs and web mapping protocols (e.g., SQL Server, C#, JavaScript, Shiny).

The following documents are required to apply: online application form (link below), detailed cover letter, CV, and contact information for four work-related references. The Wildlife Data Scientist will be employed by the [University of Wyoming](#). We envision this position to be relatively long-term, and we have 3-yrs of funding secured. The person must relocate to [Laramie, WY](#). Salary will be approx. \$55,000 depending on experience and includes full [University of Wyoming benefits](#). The preferred start date is September 2022. Review of applicants will begin 4 May 2022. Please direct questions related to this position to Dr. Jerod Merkle (University of Wyoming) at jmerkle@uwyo.edu. Use the following link to apply: https://eik.fa.us2.oraclecloud.com/hcmUI/CandidateExperience/en/sites/CX_1/job/220406.