

**Assistant Professor of Quantitative Population Ecology**  
**S. J. & Jessie E. Quinney College of Natural Resources**  
**Utah State University**

The Utah State University Department of Wildland Resources and the Ecology Center are seeking applications for a full-time, 9-month tenure-track faculty position in **quantitative population ecology**. The position, to be filled at the Assistant Professor level, will be 50% research, 40% teaching, and 10% service.

We seek an innovative scholar who develops and applies state-of-the-art quantitative approaches to advance empirical and theoretical understanding of fundamental and applied questions in population ecology. Specific **themes of interest** include development of new inferential techniques within maximum likelihood, Bayesian, or information theoretic-based frameworks, demography, spatial or movement ecology, conservation biology, trophic interactions, biological invasions, and the ecology and management of exploited populations. We are especially interested in candidates keen to develop research in the Intermountain West that will complement existing research programs in the Quinney College of Natural Resources and the Ecology Center in population and community ecology, wildlife ecology and management, disease ecology, environmental assessment and monitoring, restoration ecology, landscape and population genetics, physiological ecology, and ecological forecasting. Integrating with the department's established researchers will be easiest for candidates with an interest in both applied and theoretical problems, experience operationalizing research for species restoration, conservation, or management, and/or the ability to translate modeling approaches across the plant-animal boundary.

The candidate is expected to have or develop a regionally, nationally and internationally recognized research program, mentor graduate and undergraduate students in the candidate's area of expertise, and teach both graduate and undergraduate population ecology courses to students from diverse backgrounds. In particular, the successful candidate will be equipped to teach graduate courses on methods including integrated population models, multi-state models, resource selection models, N-mixture models, and spatially explicit capture-recapture techniques, along with more conventional population estimators.

Please contact the search committee chair, Peter Adler ([peter.adler@usu.edu](mailto:peter.adler@usu.edu)) with questions. Apply through <https://careers-usu.icims.com/jobs/5764/job>. Review of applications begins December 5, 2022. Anticipated start date: August 1, 2023.

**Minimum Qualifications:**

- An earned Ph.D. in fields such as, but not limited to, ecology, zoology, wildlife biology, or statistics.
- Demonstrated research expertise related to population ecology.

**Preferred Qualifications:**

- Evidence of the potential to develop an externally funded research program in quantitative population ecology based on innovative and transformative research.
- Relevant postdoctoral experience.
- Demonstrated ability to work productively with personnel in state, federal, or non-governmental land and wildlife management agencies and various stakeholder groups.

- A clear commitment to increasing the participation of under-represented groups in ecology and natural resources.
- Evidence of effective teaching and mentoring of undergraduate or graduate students.
- Demonstrated ability to communicate scientific issues to diverse audiences.
- Research experience relevant to at least one of the “themes of interest”, above.
- Complementarity to existing faculty expertise in the USU Quinney College of Natural Resources (Wildland Resources, Watershed Sciences, or Environment and Society Departments) and the USU Biology Department.

**USU/Department Highlights:**

Utah State University is Utah’s land-grant university. USU is in Logan, offering the amenities of a college town within the Cache Valley metropolitan zone of 115,000 people. Cache Valley is a 90-minute drive to Salt Lake City, positioned along the scenic Wasatch Mountains and Bear River Range. Logan has a bonanza of outdoor activities within minutes of campus, and is within a day’s drive of seven national parks. Several local public schools offer dual language immersion programs, and the community supports many family-friendly activities, including programs through the Stokes Nature Center. Cache Arts and the Caine College of the Arts offer a range of concerts, performances and classes in Logan. The Quinney College of Natural Resources is a welcoming, socially active community of faculty, students and staff recruited to Logan from all parts of the US and the world.

USU and QCNR aspire to become increasingly diverse communities, illustrated by the recent hire of our first Vice President of Diversity, Equity, and Inclusion and our participation in the IChange initiative. We are committed to advancing a diverse, equitable, and inclusive institutional culture where everyone feels welcome, valued and supported for success.

As an affirmative action/equal opportunity employer, USU is dedicated to recruiting candidates from a diverse pool, including women, minorities, veterans, and persons with disabilities. USU is sensitive to the needs of dual-career applicants and offers competitive salaries with outstanding medical, retirement, and professional benefits.

