

The Koons Lab at Colorado State University (CSU) is seeking 1 highly motivated graduate student at the MS or PhD level to preferably start in January 2025. The student will join a vibrant lab interested in population ecology, life history evolution, trophic interactions, and wildlife management. Housed within the department of [Fish, Wildlife, and Conservation Biology](#), students can choose from a major offered by the department or the [Graduate Degree Program in Ecology](#). Students can also become exposed to an array of interdisciplinary topics across the [Warner College of Natural Resources](#) and CSU more generally, while enjoying the vibrant town of Fort Collins and the Rocky Mountains.

The selected student will help lead a long-term study of black brant ecology in western Alaska, and will address novel topics at the intersection of global change, migration, natural selection, population dynamics, and ecosystem processes. CoPIs on this project include Dr. Lise Aubry at CSU, Dr. Thomas Riecke at the University of Montana, and Dr. Jim Sedinger at the University of Nevada Reno. We also work closely with colleagues from local communities within the Yukon-Kuskokwim Delta, and at the US Fish & Wildlife Service, the Alaska Department of Fish & Game, the US Geological Survey, Ducks Unlimited, Delta Waterfowl, and other organizations.

Graduate students are covered by a competitive GRA salary, coverage of resident tuition and fees, and provision of health insurance.

Please visit my [Google Scholar profile](#) for more detailed insight into lab research topics.

REQUIRED QUALIFICATIONS:

- B.S. Degree in biology, ecology, wildlife management, statistics, or related field
- Self-motivated, independent, and creative thinkers that are enthusiastic about pursuing a career in ecology, evolutionary biology, wildlife management, or waterfowl conservation.

DESIRED QUALIFICATIONS:

- PhD applicants should have documented experience publishing as first author in the peer-reviewed literature
- MS applicants should have documented experience with communicating an undergraduate or post-baccalaureate research project
- Experience working in remote settings and overcoming the challenges presented by these situations
- Experience leading and/or managing personnel conducting wildlife field projects
- Experience capturing and banding birds
- Experience with capture-mark-recapture statistics
- Experience with mathematical models used to study population ecology or related disciplines
- Experience programming in R, the BUGS language, or other platforms often used in ecology (e.g., STAN, Python, MATLAB).

APPLICATION PROCESS:

To apply, please submit a brief cover letter describing research interests, career goals, and experience related to the advertised position; a current CV; unofficial academic transcript; and the full contact information for three references. Submit your application materials to Dr. David Koons at david.koons@colostate.edu. Review of applications will begin 1 October 2024 and continue until the position is filled.