

Agency: Pennsylvania State University

Location: University Park, PA

Job Category: Graduate Assistantship

Salary: Competitive salary, plus tuition and excellent benefits.

Start Date: August 2021

Description: We are seeking an individual to pursue an M.Sc. in space-use and movement ecology of Canada geese. Canada geese account for more than 50% of the total harvest of waterfowl within the state of Pennsylvania. However, we know very little about how geese respond to hunting pressure; understanding behavioral responses to hunting pressure is critical for optimal management of Canada geese in harvest management areas. In collaboration with The Pennsylvania Game Commission, the student will participate in summer banding and GPS-collaring of Canada geese. The student will then develop models for space-use and movement of Canada geese that account for varying levels of hunting pressure throughout the year.

Qualifications: Competitive candidates will be highly motivated and possess a B.S. in Wildlife Biology, Ecology, Zoology, Natural Resources, or related field. Experience with the R programming language is preferred. Qualified candidates will also demonstrate experience or interest in applying quantitative methods to aquatic systems.

We particularly welcome applications from under-represented groups in wildlife management and ecology.

To apply: Send a single PDF that includes a brief cover letter outlining experience and research interests, curriculum vitae, unofficial university transcripts (a list of relevant coursework and grades is acceptable), and contact information for two references to Dr. Franny Buderman at [fbuderman@psu.edu](mailto:fbuderman@psu.edu). Applications will be accepted until April 2<sup>nd</sup>.

Contact Person: Dr. Franny Buderman, Assistant Professor, Department of Ecosystem Science and Management, Pennsylvania State University

Contact eMail: [fbuderman@psu.edu](mailto:fbuderman@psu.edu)