ANNOUNCEMENT OF PROFESSIONAL VACANCY
The Research Foundation of the State University of New York
At the College of Environmental Science and Forestry
1 Forestry Drive, Syracuse, New York 13210-2778

August 3, 2016

Title: Postdoctoral Associate

Department: Environmental and Forest Biology

Salary: $40,000 minimum commensurate with experience

Duration: 1.5 years, likely extension

Location: Roosevelt Wild Life Station, SUNY ESF, Syracuse, NY

The Theodore Roosevelt Postdoctoral Scholars Program provides an opportunity for early career scientists to gain professional skills in all aspects of applied conservation research in a university setting. This particular opportunity focuses on the status of and factors limiting moose populations along their southern range limit in the eastern United States, specifically within the Adirondack Park – the largest contiguous protected area in the lower 48 states. The Roosevelt Scholar will play a lead investigator role as part of a multi-institutional team, working closely with Dr. Jacqueline Frair at the SUNY ESF Roosevelt Wild Life Station and partners from the NY State Department of Environmental Conservation, Cornell University, and Wildlife Conservation Society.

Brief Description of Duties:

The Roosevelt Scholar will be instrumental in designing a precise, efficient, and robust monitoring program for moose and providing critical information for a statewide moose management plan. Research will involve aerial and ground surveys with detectability corrections; implementing surveys over multiple years to evaluate moose numbers, distribution and population growth rate; gaining insight into factors limiting population growth such as forage quantity and quality, cover suitability, and diseases; and modeling potential future scenarios for moose populations in the region to guide management decisions.

As part of their post-doctoral training program, Roosevelt Scholars have access to university courses, support for scientific conferences, and unique opportunities to develop marketable skills through teaching and mentoring students, writing and managing grants, and leading professional meetings and workshops. This position will require excellent organizational and communication skills.

Required Qualifications:

- Doctoral degree (Ph.D. completed) in Wildlife Ecology, Population Ecology or equivalent
- Solid evidence of strong scholarship potential through peer-reviewed manuscripts, grants, and awards/recognition
- Strong quantitative skills with experience with the analytical tools commonly used in population ecology – e.g., hierarchical models, matrix models, Bayesian and Likelihood inference, and methods for dealing with detectability issues
- Proficiency with ArcGIS and relevant statistical packages including program R

Preferred Qualifications:

- Knowledge of foraging ecology, resource selection, and animal movements
- Experience with aerial surveys, distance sampling, foraging and forage analysis, and population models
- Experience working with state or federal conservation agencies

Date to Be Filled: As Soon as Possible

Application Deadline: Although we will accept applications until the position is filled, interested candidates should submit their materials by September 3, 2016 to ensure optimal consideration.

Application Procedure: Employment application must be submitted on-line at http://www.esf.edu/hr/ follow the Current ESF Vacancies link. You will be asked to submit: (1) Cover letter describing your qualifications as they pertain to this announcement, (2) CV/resume, and (3) contact information for 3-5 references. All three application pieces should be submitted as a single pdf document.

See www.esf.edu for more information on SUNY ESF and http://www.esf.edu/rwls for more information on the Roosevelt Wild Life Station.

As an Equal Opportunity / Affirmative Action employer, the Research Foundation will not discriminate in its employment practices due to an applicant's race, color, religion, sex, national origin and veteran or disability status.