PhD Assistantship – Functional Ecology of Northeastern Forests

State University of New York – College of Environmental Science & Forestry

Position Description: The Burton lab at SUNY ESF is recruiting a graduate student (PhD). This position is available beginning in fall semester 2020. Research will focus on the development of a plant traits database for forests of the northeastern US, trait-based models of forest vegetation response to climate change and silvicultural strategies for managing forest response to climate change. Research will be conducted in collaboration with Dr. John Drake and Dr. Martin Dovciak at SUNY-ESF.

ESF is one of the oldest and most renowned forestry schools in the United States. With 1,751 undergraduates and 435 graduate students, ESF has the benefits of being a relatively small campus community. Yet, ESF's proximity and relationship with Syracuse University provides access to many of the resources of a larger university. ESF ranked 43rd in the 2017 US News and World Report rankings of the top public national universities. The Princeton Review ranked ESF as the #2 Green College, and the Sierra Club listed ESF among the nation's top "Cool Schools". ESF operates four field facilities and >25,000 acres of mostly forested land, providing excellent opportunities for research.

Qualifications: Bachelor's degree in forestry, biology, natural resources, ecology, environmental science or a closely related field is required. Preferred qualifications include: master's degree in one of the fields above; strong quantitative skills; ability to work independently and collaboratively; strong work ethic; strong communication skills; field experience; leadership abilities or potential; and plant identification skills.

Application: Apply to the graduate program in Forest and Natural Resources Management (FNRM). Please indicate your interest in working in the Burton lab in your statement of educational and professional goals. In addition, please email your application materials directly to me (contact information below).

Contact: Dr. Julia Burton (jiburton@esf.edu, 315-470-6568)