Two PhD positions are available at SUNY-ESF that address the intersecting fields of Forest Ecology, Dendroecology, Dendroclimatology and Ecophysiology. The two research projects are independent, but will have overlapping and complementary interests that will provide prospective students with a supportive network while pursuing their degrees.

**Position 1:** The Stella Lab seeks a motivated graduate student with interests in riparian forest ecology, ecophysiology, and dendroecology for a project investigating drought and its impact on riparian ecosystems in the Southwestern USA (Arizona and California). The research project will assess the impacts of water limitation on riparian trees using tree-ring analysis, stable isotope methods, field surveys, and geospatial approaches. The position is part of an interdisciplinary collaboration with University of California at Santa Barbara and University of Cardiff, and is funded by the Strategic Environmental Research and Development Program (SERDP) of the US Department of Defense.

**Position 2:** The Voelker Lab seeks a motivated graduate student with interests in dendroclimatology and dendroecology for a project investigating past winter atmospheric circulation variability (i.e. Jet Stream Waviness) across North America based on tree-ring data collection adjacent to Lake Superior and in conjunction with parallel data collection in California. Near Lake Superior, the research project will primarily sample live white pine trees and logs/driftwood preserved in lakes and will emphasize tree-ring isotope methods. The position is part of an interdisciplinary collaboration with Utah State University and the University of Minnesota, and is funded by the National Science Foundation Paleo Perspectives on Climate Change Program (P2C2).

Both positions will be based at the State University of New York College of Environmental Science and Forestry (SUNY-ESF) in Syracuse, New York. Prospective students can plan to take part in the Graduate Program in Environmental Science ([https://www.esf.edu/environmentalscience/graduate/](https://www.esf.edu/environmentalscience/graduate/)) and will include a full tuition waiver, stipend and benefits for a minimum of three years. We welcome applications from motivated, curious students with ecological research experience. Ideal candidates will have a MS in ecology, environmental science, or a related field; strong quantitative and writing skills; the ability to work in remote field settings; and interests in forest ecology, climate science and tree ecophysiology. Both positions start in Spring or Summer 2020.

Applications should include a brief statement of interest and experience, CV, transcripts, GRE scores, a research writing sample, if available and English proficiency scores for non-native language speakers. Send email inquiries to one or both of John Stella (stella@esf.edu) or Steve Voelker (slvoelke@esf.edu).

ESF was established as a college of forestry in 1911 and is one of the oldest and most prestigious forestry schools in the United States. ESF operates four field facilities and >25,000 acres of mostly forested land, providing excellent opportunities for field research. Students at ESF enjoy the benefits of a small institution, but can also access the resources and facilities of Syracuse University, an adjacent large University. The Princeton Review ranked ESF as
the #2 Green College, and the Sierra Club listed ESF among the nation’s top “Cool Schools”.
Located in central New York State, Syracuse is a lively city (http://www.syrgov.net/) within a half-day drive of major urban centers (New York, Boston, Washington DC, Philadelphia, Toronto, Ottawa, Montreal), as well as abundant natural beauty (Adirondacks, Thousand Islands, Finger Lakes, Niagara Falls).