



Position Title: Post-Doctoral Research Scientist

Area of Specialization: Applied Fire and Forest Ecology

Background:

Tall Timbers and the Jones Center at Ichauway are recruiting a joint Post-Doctoral Research Scientist to investigate the patterns and mechanisms of post-fire tree mortality and fire-vegetation feedbacks in southeastern pine-oak ecosystems. The incumbent will focus on a series of large permanent plots where frequent prescribed fire is applied. The incumbent will work with two mentors (Drs. Jeffery Cannon at the Jones Center at Ichauway and Morgan Varner at Tall Timbers) and collaboratively with other scientists and staff at the two institutions and collaborators at the USDA Forest Service, US Geological Survey, and affiliated NGOs, universities, and land managers. The position is funded for two years, with additional support possible for a third year based on performance and funding availability.

Essential Duties and Responsibilities:

The successful candidate will lead efforts on understanding the patterns and underlying mechanisms of fire-caused tree mortality in southeastern pine-oak ecosystems. The candidate will primarily be responsible for analyzing and modeling data and writing manuscripts. Additionally, the candidate will provide oversight for multiple field-based projects, including administration, field activities, supervision of technicians, data management, and analysis. Finally, the candidate will develop proposals in response to related RFPs and interact with numerous academic, NGO, and federal scientists of diverse academic backgrounds.

Minimum Qualifications:

A completed Ph.D. degree in either forestry, ecology, plant physiology, geospatial analysis, fire behavior, climatology, or a related field. Candidate should be highly motivated with the ability to work independently. The successful candidate should have skills in two or more of the following: statistical analyses, vegetation surveys, plant physiology, measuring field and laboratory fire behavior, micrometeorology, remote sensing, geospatial analysis, and scientific writing. Valid state driver's license required.

Will ABD's (all but dissertation) be considered?

Yes.

Preferred Qualifications:

Ph.D. in aforementioned fields of study. The candidate should have experience designing and implementing field and laboratory experiments, as evidenced by publication in peer-reviewed outlets. A strong understanding of fire and forest ecology of southeastern pine-oak ecosystems or similar is preferred, though not required. Experience with multivariate statistical analyses and mathematical modeling is preferred.

Knowledge, Skills, and Abilities:

Knowledge of and experience with some of the following topic areas: forest ecology, community ecology, fire ecology, fire behavior, statistical analyses, and scientific writing.

Working Conditions and Physical Effort:

Ability to perform routine office work and fieldwork in inclement weather under strenuous conditions in a southern climate, including occasional long hours and weekends for field campaigns.

Workplace Environment and Commitments to Diversity:

Both institutions share a commitment as equal opportunity employers, and reject racism, prejudice, discrimination or hate toward any race, ethnicity, culture, age, gender, sexual orientation, gender identity, ability, national origin, veteran status, socioeconomic class, religion, or professional status. We strongly encourage applications from underrepresented groups and those that add to and engage the local communities.

Instructions for Applying:

Applications should include 1) a letter of interest that includes educational and experiential preparation and 2) a current CV. All applications should be emailed to Drs. Jeffery Cannon (jeffery.cannon@jonesctr.org) and Morgan Varner (mvarner@talltimbers.org).

Contacts: J. Morgan Varner and Jeffery Cannon

Contact Email: mvarner@talltimbers.org & jeffery.cannon@jonesctr.org

Contact Phone: MV: 707-845-1659 ; JC: 229-734-4706

Applications Reviewed: July 05, 2022 or until a suitable candidate can be found

Position Start Date: 07-01-2022 (negotiable)

Full-Time/Part-Time Full-Time

12-month/9-month 12 Month

Salary: \$60,000

Work Location Joint (1 hour driving distance between institutions) between Tallahassee, FL (Tall Timbers) and Newton, GA (Jones Center at Ichauway). Details negotiable.

Further Information on Tall Timbers and the Jones Center at Ichauway:

Tall Timbers, a 4,000 acre site founded in 1958, is located in Tallahassee, Florida. Research at Tall Timbers is focused on fire ecology, vertebrate ecology, Northern bobwhite ecology, and applications of fire modeling and training to meet next-generation fire management needs. Tall Timbers also owns and manages the 9,100 acre Livingston Place, near Monticello, Florida. Both sites are frequently burned and have a diversity of ecosystems where fire is a dominant ecological process. More information on Tall Timbers can be found here: <https://talltimbers.org/>

The Jones Center at Ichauway is a 29,000 acre research center located between Albany and Bainbridge, Georgia. The Center's research, education, and conservation programs focus on ecology and natural resource management and include 16,000 acres of longleaf pine forests, over 1,000 acres of wetlands, and 26 miles of stream and river ecosystems. The research program is home to several long-term and ongoing studies in forest, wildlife, and stream ecology. Much of the site has been managed continuously with prescribed fire since the 1920s offering an ideal setting for ecological and conservation research. Further information can be found on the web site at <http://www.jonesctr.org/>