

The Crandall Fire Ecology Lab (<http://www.ecologyonfire.com/>) in the School of Forest Resources and Conservation at the University of Florida, Gainesville, FL is seeking applicants for two postdoctoral fellows with expertise in demographic modelling or geospatial analysis. Expertise in fire ecology and management is desired, but not required. Both positions will include travel, fieldwork, and undergraduate mentoring. The successful candidates will be able to adapt their experiences to meet their own professional goals. Details for each position are as follows:

1. Demographic modelling (2 years of funding) The postdoctoral fellow will examine the effects of fire regimes and soil characteristics on population dynamics of perennial grasses as well as the relationships between perennial grasses and groundcover plant biodiversity in the southeastern U.S.A. Strong analytical skills and knowledge of plant community and population modeling are required.
2. Geospatial analysis (1 year of funding with strong possibility of 2nd year of funding) The postdoctoral fellow will address whether lack of fuel management corresponds with an increased risk of wildfire and/or increased risk of more severe fires. Strong analytical skills and knowledge of lidar remote sensing, ArcGIS, and image processing are required.

Stipend and Benefits: Salary for a full-time postdoctoral fellow (1.0 FTE) is \$49,800; the postdoc is also eligible for health insurance and 5 hours of personal leave biweekly. Start Date: September 1, 2019 is preferred, but there is some flexibility in start date. Gainesville Community: Gainesville, Florida, is a beautiful Central Florida town (www.cityofgainesville.org) with excellent cost of living, affordable housing, excellent schools, and numerous outside activities.

To apply, submit a CV and cover letter that includes summary of research experience, brief statement of research interests, and evidence of effective mentoring to Rae Crandall at raecrandall@ufl.edu. Deadline to apply is June 1, 2019.