David L Nieland

Subject: Postdoctoral Research Associate Position in Plant Ecophysiology-Modeling

Plant Ecophysiology/Modeling: Postdoctoral Research Associate, School of Forestry and Environmental Studies, Yale University, in collaboration with Bates College. We seek a highly motivated postdoctoral research scholar to join a new NSF-funded project focused on determining the physiological tipping points and xylem network plasticity of New England hardwood trees in response to climate change. The fully funded 2.5 year position will require extensive field work at Harvard Forest, as well as laboratory work at Yale, and will offer the opportunity to further develop high-resolution X-ray micro-tomography (microCT) to study the 3D organization of wood. Suitable candidates should have a strong background in plant ecophysiological methods (e.g. dataloggers, micrometeorological equipment, gas-exchange systems, psychrometers, and microscopy), as well as experience working with common garden experiments and mentoring undergraduate students. Experience with ImageJ, R, and Matlab are required. Expected start date of April 1, 2016. Interested candidates should forward their C.V. and a letter indicating their past research accomplishments and future goals to Craig.Brodersen@yale.edu