Postdoctoral position available at Stanford to study root associated fungi in the Amazon rainforest.

A postdoctoral position is available in the Peay Lab at Stanford University (http://www.stanford.edu/~kpeay/) to study how root associated fungi and plant chemical defenses influence tree populations in the Amazon rainforest. Primary responsibilities for the position involve collection of plant samples from field sites and the use of amplicon sequencing to characterize fungal communities. Field work and data analysis will be carried out in collaboration with a team of plant and chemical ecologists from UC Berkeley (Dr. Paul Fine) and Florida International University (Dr. Diego Salazar Amoretti). Additional opportunities to develop independent research projects within the framework of the grant will be available.

Experience in one or more of the following areas is desirable: fungal community ecology, mycology, plant-microbe interactions, molecular ecology, bioinformatics, or metabolomics. Candidates with experience in tropical forests and/or Latin America are encouraged to apply, and knowledge of Spanish and/or Portuguese is desirable but not a requirement. Women, minorities, and other groups under-represented in ecology and mycology are highly encouraged to apply.

The Peay lab is focused on creating a culture of inclusion, including through hosting lab meetings centered around means of improving guidance and advising for those from diverse backgrounds. Even if you only meet a few of this postings criteria, we encourage your application. The appointment will last for three years, contingent on satisfactory performance, and includes a competitive salary and benefits, including deferment of student loans (https://postdocs.stanford.edu/funding-levels-and-guidelines). Start date is flexible but we anticipate field work to begin by December 2020, pending the current COVID-19 situation.

To apply, please e-mail a cover letter, CV, and the names and contact information of three references as a single pdf to Kabir Peay (kpeay@stanford.edu), with the subject line as "Postdoc application <your name>". Applications will be considered on a rolling basis and continue until a suitable candidate is identified. Informal inquiries prior to application are welcome.