

Postdoctoral Associate in Plant Chemical Ecology

Plant Chemical Ecology Lab at the International Center for Tropical Botany
Florida International University, Miami, Florida, USA.

Application Deadline: April 9, 2021

Start date: Late May to early June

Website: <https://myweb.fiu.edu/dsalazar/we-are-looking-for-a-new-postdoc/>

Qualifications

Applicant should have and PhD in Biology, ideally in Chemical Ecology or a related field. Applications should also have experience in laboratory techniques for the quantification and characterization of secondary metabolites like HPLC-MS, and good analytical skills, including proficiency in R and non-targeted metabolomic analyses. Experience working with tandem mass spectroscopy molecular networks is ideal.

Description

A Postdoctoral Associate position is available in the [Plant Chemical Ecology Lab](#) with Dr. Diego Salazar Amoretti at Florida International University. The position is part of an NSF-Funded collaborative project with [Dr. Paul Fine's](#) lab at UC Berkeley and [Dr. Kabir Peay's](#) lab from Stanford University. The research aims to understand the role of plant secondary chemistry and root microbiota on the patterns of abundance of Amazonian tree species. The postdoctoral associate will be responsible for analyzing and characterizing plant secondary metabolites across a set of closely related Amazonian tree species (*Protium*, Burseraceae). This work will include the development of laboratory analytical approaches, sample analysis, and data analysis. This position will be based at the FIU Modesto A. Maidique Campus in Miami, FL, USA. Nevertheless, some travel to remote sites across the Amazon basin might be necessary. Fluency in Spanish or Portuguese is a plus but not required. The successful candidate will also assist with mentoring undergraduate and graduate students and will contribute to FIU's [International Center for Tropical Botany's](#) larger efforts.

Application Materials

Qualified candidates are encouraged to apply to **Job Opening ID 522963** at facultycareers.fiu.edu and attach Cover letter, CV, Research Statement, and information of at least three references.

Submit applications and further questions to:

Diego Salazar Amoretti

Assistant Professor

International Center for Tropical Botany

Institute of Environment

Department of Biological Sciences

+1 305 348 7316

E-mail: dsalazar@fiu.edu