**TWO Ph.D. STUDENT OPPORTUNITIES IN TROPICAL FOREST ECOLOGY**

Applications are invited for two Ph.D. positions in the group of Dr. Maria Uriarte lab in the Department of Ecology, Evolution, and Environmental Biology at Columbia University (<http://e3b.columbia.edu/~mu2126> ). The successful applicants will work with Uriarte to develop a thesis project in two broad research themes: (1) the impacts of hurricanes and drought on the dynamics of tropical forests in Puerto Rico; (2) the role of individual variation in driving tree community structure, composition and dynamics in Puerto Rican forests. The candidates are expected to be independent and highly motivated. Essential qualifications include demonstrated fieldwork experience, preferably in the tropics, and interest in the use of quantitative approaches in plant ecology. Spanish fluency is desirable but not essential.

The positions are funded for five years. Successful applicants will receive a stipend and benefits and enjoy the diverse and vibrant research environment of the Department and the University. The university is located in the heart of Manhattan Interested candidates please send her/his CV and a description of research interests to Dr. Maria Uriarte. Application materials are due on December 15 through the university application portal (<https://gsas.columbia.edu/degree-programs/phd-programs/> ).

**POSTDOCTORAL POSITION IN TREE PHYSIOLOGICAL ECOLOGY**

The Uriarte lab in the Department of Ecology, Evolution, and Environmental Biology at Columbia University invites applications for a postdoctoral position in plant physiological ecology. The successful candidate will join a NSF-funded project to quantify the importance of individual variation in stem hydraulic characteristics on tree species performance in the island of Puerto Rico. The postdoctoral associate will carry out field work, supervise a field technician, analyze data, and work on manuscripts with the PI and co-I Robert Muscarella.

This is a two year position based in Puerto Rico and New York City. Preferred start date is January 2019 but there is some flexibility for suitable candidates. A Ph.D. in ecology and experience carrying out tree physiology measurements, with a focus on stem hydraulics, is required. Spanish fluency is highly desirable but not a requirement.

Please send i) a complete CV; ii) a one-page statement that includes research accomplishments, research interests, and motivation to apply for the position; and iii) the name and contact details for 3 academic referees. In addition, you may submit one or two representative publications. Application deadline is October 15, 2018. For inquiries or more information, contact mu2126@columbia.edu

Columbia University is an Equal Opportunity/Affirmative Action employer.