



COLLEGE OF AGRICULTURE AND NATURAL RESOURCES
Department of Plant Science and Landscape Architecture

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UNIVERSITY OF MARYLAND
College of Agriculture and Natural Resources
Department of Plant Science and Landscape Architecture

INVASIVE SPECIES PLANT BIOLOGIST POSITION ANNOUNCEMENT

***Assistant Professor and Extension Specialist – Invasive Species Plant Biologist
Tenure Track Faculty – 12 Month Appointment (60% Research, 40% Extension)
Position Number: 103646***

POSITION INTRODUCTION

The Department of Plant Science and Landscape Architecture at the University of Maryland in College Park is seeking to fill **two** tenure track faculty positions associated with how biotic and abiotic stresses associated with climate change impact plant growth and development and plant competition in plant communities. The **first position** is focused on investigating the molecular, genetic, ecological, and/or cellular responses to abiotic stresses associated with a changing climate and the translation of research results to ameliorate stress effects on plant growth in agricultural systems and/or land- or aquatic-based plant communities. The **second position (this position, 103646)** is focused on the impact of biotic and abiotic stressors associated with climate change on native and invasive plant competitiveness in plant communities, and molecular and genetic, and cultural approaches to control invasive species proliferation.

Background:

Founded in 1856, the University of Maryland, College Park, is the state's flagship Land Grant institution. Our 1,250-acre campus is minutes from Washington, D.C., the nexus of the nation's legislative, executive, and judicial centers of power. A new metro train line connects the campus to the Capital Mall. This proximity of the University to business and technology leaders, federal departments and agencies (USDA Beltsville, FDA, APHIS, NIH, NSF and NOAA among others), and a myriad of research entities, embassies, think tanks, cultural centers, and non-profit organizations provides limitless opportunities for faculty and students. The Department of Plant Science and Landscape Architecture is a unique and diverse department composed of outstanding faculty in Plant Biology and Genomics, Plant Pathology, Ecology, Horticulture, Agronomy and Landscape Architecture conducting research to ameliorate the negative effects of climate change on plants and communities, to increase food access and security, to increase the efficiency of food, fiber and/or fuel production, and to promote environmental justice. International research efforts are encouraged. The department also educates 159 undergraduate students (4 Programs), 59 graduate students (2 Programs), 20 postdocs, and undertakes community outreach. The University is committed to recruiting and retaining outstanding, diverse faculty and staff to build upon our Land Grant missions.

POSITION DESCRIPTION

The Department of Plant Science and Landscape Architecture at the University of Maryland – College Park invites applications at the rank of Assistant Professor (tenure-track) from outstanding early-career scientists from a broad range of disciplines. The successful candidate is expected to build and maintain a cutting-edge, externally-funded research program that focuses on invasive plant competitiveness in agricultural and urban environments. The Department is particularly interested in candidates who would investigate the impact of biotic and abiotic stressors (associated with climate change) on native and invasive plant species and

communities, and molecular and genetic approaches to control invasive species such as reducing herbicide resistance, reducing invasive species resilience and fitness, and/or promoting sterility in invasive species populations. The candidate is expected to identify and promote ways to control invasive species exclusive of herbicides to the Maryland agriculture communities and the public. In addition, the candidate will also participate in undergraduate and/or graduate instruction.

Additional Duties:

Faculty members are expected to serve the professional community through review of publications and participation on competitive grant panels, in national and international professional meetings, and other activities. It is also expected that this individual will participate in other duties and committees as required by the department, college, and university; and interact with organizations representing their clientele groups in the state and region.

QUALIFICATIONS:

Minimum:

Applicants must have a doctorate degree before the start date in a relevant area, a publication record commensurate with their experience, and evidence of a commitment to extension and teaching excellence.

Application Process:

All candidates must apply online at <https://ejobs.umd.edu>. Applications should consist of a single PDF file containing:

- Cover Letter highlighting relevant experience
- Curriculum Vitae,
- Summary of Research Plans (maximum two pages),
- Extension Philosophy Statement (one page; and student evaluations are appreciated), and
- Contact information for five or more references.

Note email address of 3 professional references will be required as part of the application process..

Position is Open Until Filled. For best consideration, apply by June 1, 2024. Questions may be sent to Dr. Mark Carroll, Faculty Search Chair at mcarroll@umd.edu

The University of Maryland, College Park, an equal opportunity/affirmative action employer, complies with all applicable federal and state laws and regulations regarding nondiscrimination and affirmative action; all qualified applicants will receive consideration for employment. The University is committed to a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, religion, sex, national origin, physical or mental disability, protected veteran status, age, gender identity or expression, sexual orientation, creed, marital status, political affiliation, personal appearance, or on the basis of rights secured by the First Amendment, in all aspects of employment, educational programs and activities, and admissions.