



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

2102 Plant Sciences Building  
College Park, Maryland 20742  
301.405.4356 TEL 301.314.9308 FAX  
www.psla.umd.edu

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

**ABIOTIC STRESS PLANT BIOLOGIST POSITION ANNOUNCEMENT**

***Assistant Professor – Abiotic Stress Plant Biologist***  
***Tenure Track Faculty – 9 Month Appointment (60% Research, 40% Instructional)***  
***Position Number: 129406***

***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 (this position, 129406)** 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** 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 for Assistant Professor (tenure-track) from outstanding early-career scientists studying plant abiotic stress. Applicants 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 are invited to

apply. The successful candidate is expected to build a cutting-edge, externally funded research program. Candidates interested in fundamental research that can inform and guide strategies to ameliorate the effects of abiotic stress on plant productivity are encouraged to apply. In addition to research activities, the appointed candidate will participate in undergraduate and graduate teaching; teaching one undergraduate course in environmental physiology is expected. Applicants must have a doctorate degree in a relevant area, an outstanding publication record commensurate with their experience, and a commitment to excellence in teaching.

**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.

**Minimum Qualifications:**

Applicants must have a doctorate degree in a relevant area, an outstanding publication record commensurate with their experience, postdoctoral experience, and a commitment to teaching excellence.

**Application Materials:**

Applications should be addressed to Dr. Gary Coleman (gcoleman@umd.edu), Chair of the Faculty Search Committee.

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),
- Teaching 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. Gary Coleman, Faculty Search Chair at gcoleman@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.*