



Department of Plant Biology

Franklin College of Arts and Sciences

UNIVERSITY OF GEORGIA

The Department of Plant Biology at the University of Georgia invites applications for a tenure-track, Assistant Professor position in **Plant Synthetic Biology for Strategic Resources Research**. We seek candidates with expertise in protein and metabolic engineering to advance plant-based discovery, synthesis, or capture of materials and resources of strategic importance. Areas of interest include the synthesis of critical bio-commodities, the development of phytomining platforms for elemental recovery or remediation, and the engineering of plant systems to produce sustainable and functionalized materials for the emerging bioeconomy. Candidates who integrate data science and artificial intelligence to enhance design precision, pathway engineering, synthetic reprogramming, or discovery are especially encouraged to apply. This position offers exceptional opportunities for collaboration with faculty across UGA's extensive network of researchers in the basic and applied plant sciences.

Competitive applicants will have a strong record of research productivity and achievement, a well-developed and forward-looking research plan, and a demonstrated commitment to effective teaching and mentoring at both the undergraduate and graduate levels within a respectful and welcoming environment. A Ph.D. (or equivalent) in plant biology, biochemistry, bioengineering, or a related field is required at the time of appointment; at least one year of postdoctoral experience is highly desirable. The successful candidate will be expected to develop a vigorous, externally funded research program, contribute to undergraduate and graduate teaching, and actively contribute to departmental and university service.

Candidates should submit (1) a cover letter, (2) a curriculum vitae, (3) a research plan (max. 3 pages); and (4) a statement of teaching interests and philosophy (max. 2 pages). Plans for fostering a respectful, welcoming, and supportive environment in both research and teaching should be integrated into the respective statements. Applications must be submitted online at <https://www.ugajobsearch.com/postings/456551>. Candidates should also arrange for three letters of recommendation to be sent directly to: facultysearch@plantbio.uga.edu. Questions may be directed to the search committee at the same address. Completed applications (including letters) received by November 21, 2025, will receive full consideration. Review of applications will continue until the position is filled.

The Department of Plant Biology and the Franklin College of Arts & Sciences are committed to multidisciplinary research, collaboration, and academic innovation. The University of Georgia is an Equal Opportunity employer. All qualified applicants will receive consideration for employment without regard to age, color, disability, genetic information, national origin, race, religion, sex, or veteran status or other protected status. Persons needing accommodations or assistance with the accessibility of materials related to this search are encouraged to contact Central HR (hrweb@uga.edu).