**POSTDOCTORAL RESEARCH ASSOCIATE**

**Population Genomics of Emerging Plant Pathogens**

**POSITION DESCRIPTION**: This is a USDA-funded postdoctoral position in the Department of Plant Pathology in Athens, GA, associated with the UGA Fungal Biology Group (<https://fungi.franklinresearch.uga.edu/>) that will focus on understanding the re-emergence of cucurbit anthracnose in the eastern United States.

**MAJOR RESPONSIBILITIES:** This position will involve complementary molecular and computational work combining genomics, population genetics, bioinformatics, mechanisms of fungicide resistance, and fungal evolution. Projects include using population genomics approaches to understand disease emergence, host specificity, fungicide resistance, dispersal, and reproduction of the causal pathogen *Colletotrichum orbiculare* and members of other *Colletotrichum* species complexes. The candidate will be expected to communicate regularly with the PI, as well as present results to the scientific community and for publication in peer-reviewed journals. The candidate may also be involved in training of graduate students, undergraduate students, and other researchers in the lab on methods and techniques as needed. Teaching opportunities may be made available if the postdoc is interested in instructional methods and pedagogy at the university level.

**QUALIFICATIONS:** Doctorate in Plant Pathology, Microbiology, Genetics, Biology or a related field. Research experience in molecular or population genetics and fungal or other microbial systems is preferred. Genomics and bioinformatics experience strongly preferred. Demonstrated oral and written communication skills is required. This position will require the ability to carry out standard laboratory and greenhouse work.

**COMPENSATION:** The successful candidate will receive a salary of $52,000 with generous benefits (<https://postdocs.uga.edu/#1512663872870-9c364c66-a0b7>). Anticipated funding for this position is for two years but is dependent upon satisfactory performance at the end of the first year. The estimated starting date is spring or summer 2024 (negotiable).

**APPLICATION PROCEDURE:** To apply, all candidates must submit an application through <https://www.ugajobsearch.com/postings/350328> (posting number G/R23706P). Candidates must upload a cover letter detailing qualifications and skills, a curriculum vitae or resume, and contact information for three professional references. Review of applications will begin March 1 and continue until the position is filled. For further information please contact Dr. Marin Brewer (mtbrewer@uga.edu).

**INSTITUTIONAL INFORMATION:** UGA, a Land/Sea Grant institution located 70 miles northeast of Atlanta, is ranked 13th among public universities in the U.S. News & World Report’s 2019 edition of America’s Best Colleges. The Department of Plant Pathology encompasses a broad range of disciplines and has historical strengths in mycology, plant disease epidemiology, disease management and plant-associated microbiology. UGA offers a vibrant research environment with faculty across the fungal (<http://research.franklin.uga.edu/fungi/>) and plant sciences (<https://plantcenter.uga.edu/>). Athens, GA, is consistently ranked highly for its quality of life and vibrant culture (<https://www.visitathensga.com>), while maintaining a low cost of living.

UGA is an EEO/AA/Vet/Disability Institution. As such, we are especially interested in candidates who can contribute to the diversity and excellence of the academic community. We not only strongly encourage women, minorities and other diverse candidates to consider applying for this position, but we also maintain that all candidates should share our commitment to diversity and inclusion. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, gender identity, sexual orientation or protected veteran status.