

Post-Doctoral Research Associate, Controlled Environment Plant Physiology

A research associate position in controlled environment plant physiology is available starting August 1st or later in the laboratory of Kellie Walters in The Department of Plant Sciences at the University of Tennessee. This is a full-time 12-month position renewable for up to two years with a mandatory 6-month probation period.

Duties and Responsibilities:

- Conduct independent controlled environment agriculture (CEA) research in greenhouses and/or an indoor vertical farm.
- Quantify phytonutrient or volatile compound changes by analyzing plant tissue samples with a GCMS and/or HPLC.
- Analyze and report plant growth, development, and phytonutrient results for greenhouse and indoor farm systems.
- Author peer-reviewed publications.

The candidate will be involved in a wide range of research activities in laboratory and plant production spaces with the goal of improving controlled environment food production yield and quality. This position may require travel to outlying locations (10-15%).

Salary: Commensurate with training and experience

Benefits: Retirement, sick, annual leave, and group health, life, and accident insurance.

Qualifications:

Minimum qualifications include a PhD in Plant Sciences, Biochemistry, or related field and experience in controlled environment plant production. Candidates who are currently obtaining a PhD will also be considered, but the degree must be conferred by the official start date. A strong publication record and experience with laboratory equipment for chemical analysis (e.g. GCMS or HPLC) is highly desired. The candidate must possess excellent written and oral English skills, be self-motivated, highly organized, and willing to work with a diverse group of faculty, staff, and students to conduct greenhouse, growth chamber, and laboratory research.

Interested applicants should complete an online application (<https://tinyurl.com/yx664u5b>) and submit the following:

1. Cover letter - include research experience, interests, and possible start date
2. Curriculum vitae
3. Three references - include names, telephone numbers, and e-mail addresses

Screening of applications will begin immediately and will continue until the position is filled.

Contact: For additional information, please contact Dr. Kellie Walters (waltersk@utk.edu)

All qualified applicants will receive equal consideration for employment and admission without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, gender identity, age, physical or mental disability, genetic information, veteran status, and parental status, or any other characteristic protected by federal or state law. In accordance with the requirements of Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act of 1990, the University of Tennessee affirmatively states that it does not discriminate on the basis of race, sex, or disability in its education programs and activities, and this policy extends to employment by the university. Inquiries and charges of violation of Title VI (race, color, and national origin), Title IX (sex), Section 504 (disability), the ADA (disability), the Age Discrimination in Employment Act (age), sexual orientation, or veteran status should be directed to the Office of Equity and Diversity, 1840 Melrose Avenue, Knoxville, TN 37996-3560, telephone 865-974-2498. Requests for accommodation of a disability should be directed to the ADA Coordinator at the Office of Equity and Diversity.