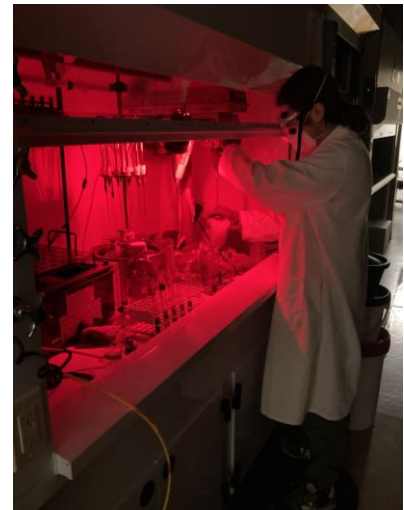


**Graduate Research Assistantships  
Controlled Environment Plant Physiology Laboratory**



The Walters Lab in The Department of Plant Sciences at the University of Tennessee, Knoxville is seeking qualified applicants for two graduate research assistant positions (PhD or MS). The successful applicant should have experience in controlled environment agriculture research and/or leafy greens production. Start date is flexible, but an August 2023 start date is preferred. Applicants unable to begin until a later date are still encouraged to apply. The selected student(s) will receive a half-time research assistantship that includes a stipend, tuition, and health insurance. The projects are funded by a USDA SCRI CEA HERB grant and a USDA AFRI leafy greens grant.

**Responsibilities:** The graduate student(s) will investigate questions related to culinary herb (first project) or leafy green (second project) physiology, biochemistry, and indoor/greenhouse production for improving phytonutrient or flavor compound concentrations using advanced environmental control, monitoring, and laboratory analyses.



**Qualifications:**

Highly motivated and enthusiastic candidates with a strong interest in controlled environment and hydroponic production, plant science, and food quality are invited to apply. Experience in controlled environment agriculture research and/or leafy greens production is highly preferred. Additionally, a Bachelor of Science degree, preferably in Horticulture, other Plant Sciences, Biology, or a related field, is required; a Master of Science degree is preferred. 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 both growth chamber or greenhouse and laboratory-based research.

**Contact:** For additional information or to apply, please contact Dr. Kellie Walters ([waltersk@utk.edu](mailto:waltersk@utk.edu)) and (if applying) attach the following:

1. Cover letter – include research experience and interests
2. Curriculum Vitae
3. Three references – include names, telephone numbers, and email addresses.

Application review will begin immediately and continue until the position is filled.

**The University of Tennessee** is a land grant university with an enrollment of over 53,000. The Plant Sciences Department has lab facilities, greenhouse and growth chamber space, and nearby field space to support active production research. The University of Tennessee also has ten research and education centers to facilitate statewide agricultural research. **Knoxville, Tennessee** is a vibrant community, with a population of approximately 185,000. This community boasts a thriving music and arts scene, along with plenty of opportunities for outdoor adventures in the nearby Great Smoky Mountains National Park.

**Useful websites to learn more about the University of Tennessee and the City of Knoxville:**

The University of Tennessee: [www.utk.edu](http://www.utk.edu)

Department of Plant Sciences: <https://plantsciences.tennessee.edu/>

Walters Lab: <https://www.kelliejwalters.com/> or <https://utia.tennessee.edu/person/?id=20271>

City of Knoxville: [https://knoxvilletn.gov/visitors/things\\_to\\_do](https://knoxvilletn.gov/visitors/things_to_do)