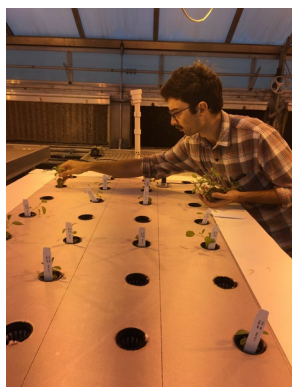


**Graduate Research Assistantship  
Controlled Environment Plant Physiology Laboratory  
NASA Funded Research on Leafy Greens Production for Space**

The Walters Lab in The Department of Plant Sciences at the University of Tennessee, Knoxville is seeking qualified applicants for a graduate research assistant position (MS or PhD). The successful applicant should have experience in controlled environment agriculture research and/or leafy greens production and be able to begin January 2022. The selected student will receive a half-time research assistantship that includes a stipend, tuition, and health insurance.

**Responsibilities:** The graduate student will investigate questions related to leafy green physiology, biochemistry, and production in indoor production for future space applications using advanced environmental control, monitoring, phenotyping technology, and laboratory analysis.



**Qualifications:**

Highly motivated and enthusiastic candidates with a strong interest in controlled environment and hydroponic production, plant science, food quality, and producing crops for space applications are invited to apply.

Experience in controlled environment agriculture research and/or leafy greens production is required.

Additionally, a Bachelor of Science degree, preferably in Horticulture, other Plant Sciences, Biology, or a related field, is required. 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 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 27,800. The Plant Sciences Department is located on the Agricultural Campus with 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 183,270. 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)