

<b>POSITION</b>	Soybean Breeder & Geneticist, Department of Plant Sciences
<b>LOCATION</b>	The University of Tennessee, Knoxville, Tennessee
<b>EFFECTIVE DATE</b>	Screening of applicants' credentials will begin July 25, 2025 and will continue until the position is filled. Desired start date is February 1, 2026.

The University of Tennessee is seeking applications and nominations for the position of Assistant Professor of Soybean Breeding & Genetics in the Department of Plant Sciences. This is a 9-month, tenure track position, 75% Research and 25% Teaching.

#### **POSITION DESCRIPTION AND RESPONSIBILITIES**

- Responsible for the comprehensive leadership of the UTIA Soybean Breeding & Genetics Program.
- Incorporate genomic selection to accelerate cultivar and germplasm improvement.
- Incorporate genetic diversity, pest resistance, abiotic stress tolerance, and desirable seed quality attributes into high-yielding backgrounds.
- Exert visionary leadership and serve as a catalyst for the implementation of innovative research projects.
- Write research grant proposals to provide external funding to support the program.
- Advise graduate students in M.S. and Ph.D. programs.
- Teach graduate and/or undergraduate courses.
- Recruit qualified staff and promote their professional development.
- Manage budgets, assets, equipment, and personnel to meet the needs of the research program.
- Nurture productive relationships across the Institute of Agriculture and University of Tennessee, other universities, USDA and constituents external to the University

#### **REQUIRED QUALIFICATIONS**

- A Ph.D degree in the field of Plant Breeding or Genetics, or a closely related area.
- Postdoctoral research experience at a university (preferably land-grant institution), USDA-ARS or related agricultural industry experience.
- Plant breeding experience, including the management of multiple field plot trials is essential.
- Strong leadership and communication skills, and other personal attributes necessary to manage and direct a research and teaching program.
- Demonstrated ability to publish research findings in peer-reviewed journals.
- Ability to lead, work well with others, and work with a diverse range of constituents.

## **PREFERRED/DESIRED QUALIFICATIONS**

- Experience in multiple aspects of molecular breeding and functional genomics, particularly as they relate to crop improvement and the integration of modern genomic tools in breeding programs.
- Experience with grant writing and potential in securing research funding.
- Teaching experience of plant breeding courses.
- Demonstrated ability to administer budgets and manage personnel.

## **BACKGROUND**

Knoxville is located in east Tennessee and has a reputation as a city with a high quality of life. It is in the heart of the Tennessee River Valley, near the Great Smoky Mountain National Park. Knoxville, the county seat of Knox County, is situated at the crossroads of three major interstates, I-75, I-40 and I-81. Knox County has a population of approximately 500,000. Seven lakes surround Knox County: Cherokee, Douglas, Ft. Loudon, Melton Hill, Norris, Watts Bar and Tellico. Many of the activities of Knox County center around the University of Tennessee. The corporate headquarters of the Tennessee Valley Authority (TVA), Bush Brothers and Company, Petro's Chili & Chips, and Pilot Corporation are located here. Knox County is home to more than 20 museums and seven historical houses. Knoxville was home to the 1982 World's Fair, which recorded an attendance of about 11 million visitors.

The University of Tennessee system provides learning opportunities to all the citizens of the State through Extension offices in the 95 Tennessee counties, 10 Research and Education Centers statewide, and the system's various institutions and campuses: UT Knoxville, UT Health Science Center in Memphis, UT Chattanooga, UT Martin, UT Space Institute in Tullahoma, UT Institute of Agriculture, and UT Institute for Public Service. A comprehensive land-grant institution and the state's flagship university, the UT Knoxville campus was established in 1879 and is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools.

## **BENEFITS**

Benefits available include group medical insurance, dental insurance, group and individual life insurance, long-term disability insurance, workers' compensation, non-contributory retirement (UT makes all contributions), voluntary retirement programs, sick leave, annual leave, paid holidays and administrative leave days, unemployment compensation, educational waivers, and use of University Services.

**TO APPLY**

Application materials must include:

1. Curriculum Vitae
2. Letter of interest detailing research and teaching philosophy
3. Names, addresses, telephone numbers and e-mail addresses of four professional references that the Search Committee may contact
4. Official transcripts or diploma showing degree(s) conferred

<http://apply.interfolio.com/168485>

For more information contact:

Dr. Tarek Hwezi  
Professor  
University of Tennessee  
Department of Plant Sciences  
2431 Joe Johnson Drive  
301 Ag & Natural Resources Bldg.  
Knoxville, TN 37996  
phone 865-974-7559  
email [thwezi@utk.edu](mailto:thwezi@utk.edu)