

Title: Tenure Track: Assistant Professor

Description:

The Department of Horticultural Sciences in the College of Agriculture and Life Sciences at Texas A&M University in College Station, TX, seeks outstanding applicants for a tenure-track Assistant Professor faculty position in the area of Functional Phenomics and Physiology of Horticultural Crops to start late summer or early fall 2023. This is a full-time, 9-month, tenure-track faculty position with 60% research, 30% teaching, and 10% service and outreach responsibilities. Major Duties and Responsibilities: The successful applicant will be responsible for developing a strong research program integrating innovative phenotyping, plant physiology, and high throughput data analytics to elucidate plant resilience mechanisms to overcome extreme climatic conditions and promote the successful production of horticultural crops sustainably under challenging environments. The applicant will work closely with genomics and genetics researchers, breeders, physiologists, production scientists, and biotechnology scientists within AgriLife Research and AgriLife Extension faculty both on and off-campus, along with other scientists in the region, nationally, and internationally to establish a highly impactful, extramurally funded research program. The successful individual will teach the graduate-level Applied Physiology of Horticultural Crops (HORT 604) course and develop additional undergraduate or graduate courses related to phenomics applications in horticulture in consultation with the department. The successful candidate will also advise and mentor undergraduate and graduate students, postdoctoral scientists, and research technicians and participate in outreach and service activities related to the position. The individual will be expected to publish regularly in peer-reviewed journals appropriate to the discipline.

The Department of Horticultural Sciences is a nationally ranked program with an ambitious vision for continued excellence. The Department houses 19 full-time faculty members and 13 additional faculty located at Research and Extension Centers across Texas. The Department offers two undergraduate degrees; a B.A. and B.S. in Horticulture; a certificate in Enology, and M.S. and Ph.D. degrees in Horticulture, Plant Breeding, and the Master of Agriculture (non-thesis) in Horticulture. Areas of research emphasis in the department include ornamental and vegetable breeding and variety development; plant-microbe interactions; plant genetics and genomics; stress physiology; plant bioactive compounds and bioprocessing; greenhouse and nursery crop production; secondary plant metabolites; enology and viticulture; and economics of the floriculture and green industry sectors.

The department is located in the Horticulture/Forest Science Building (HFSB) in College Station, TX. It boasts the Benz Gallery of Floral Art, modern research and teaching laboratories, and a growth chamber complex. Greenhouses (38,000 sq. ft.) are located behind the HFSB building and at the Horticulture, Teaching, Research, and Extension Center facility (HortTREC) near Snook, TX. Departmental faculty enjoy productive relationships in and with Texas A&M AgriLife Research; the Texas A&M AgriLife Extension Service; the Norman Borlaug Institute of International Agriculture; the Multi-Crop Transformation facility; Texas AgriLife Genomics and Bioinformatics Services; and the Texas A&M Supercomputing facility.

<https://hortsciences.tamu.edu/>

Distribution of Effort: 60% research, 30% teaching, 10% outreach and service

Qualifications:

Candidates must have a Ph.D. or equivalent doctoral degree in horticulture, plant or crop science, plant biology, agriculture, biosystems engineering, or related discipline, and strong knowledge and experience in whole plant physiology and functional phenomics are required. Experience working with plants, handling large datasets, and writing grants is desired. Additional qualifications include excellent oral and written communication skills, a good track record of publishing in peer-review journals, and teaching experience.

Salary will be commensurate with qualifications and experience.

Application Instructions:

Applications will only be accepted online at <http://apply.interfolio.com/116736>. Applicants must upload a cover letter, transcripts, curriculum vitae including a list of three references and their contact information within the CV; and vision statements of research, teaching, and service (including contributions to diversity, equity, and inclusion). To be given full consideration, please submit applications by December 31, 2022. The position will remain open until a suitable candidate is identified. The anticipated start date is August 1, 2023.

For further information email Dr. Isabel Vales at isabel.vales@ag.tamu.edu