



TEXAS TECH UNIVERSITY
College of Human Sciences

Department of Nutritional Sciences

Open Rank – Tenure Track / Tenured Biostatistician Faculty Position

Application Due: Review of applications will begin on October 1, 2022

Type: Nine-month, Tenure-track

Position Availability: September 1, 2023 or negotiable

Salary: Competitive and commensurate with qualifications

Position Description:

The Department of Nutritional Sciences (NS) seeks an energetic faculty member with demonstrated excellence in the area of Biostatistics to join our growing department of 18 full-time faculty. The successful applicant will contribute to the university's mission through teaching, research, and service. The person will serve as a faculty member in our accredited graduate programs that include approximately 168 students in doctoral and master's degrees and our dietetic internship. NS faculty members also have the opportunity to teach in our expanding undergraduate programs (668 students), which includes an accredited didactic program in dietetics. They may also mentor undergraduate research. Duties further include program-building, as well as commitment to extra-curricular activities. Service to the department, college, and university is expected. Candidates who have very strong records of contributing to scholarship supported by extramural funding and who have the proven capacity or clear potential to contribute to bringing externally sponsored research to Texas Tech University are encouraged to apply.

Responsibilities:

- Teach undergraduate and graduate courses, face to face and/or online.
- Mentor undergraduate, MS and PhD students.
- Develop and maintain high contributions to the departmental research mission by providing statistical support (e.g., data analysis / reporting / consultation) for faculty and student research (e.g., external funding applications, peer-reviewed publications, and theses / dissertations) and also via independent research as appropriate.
- Work in multidisciplinary teams in basic, translational, clinical, and community research.
- Engage in outreach activities. Perform service to the department, college, university, and the profession through involvement and leadership in national and / or international professional associations.

Required Qualifications:

- An earned doctorate with specialization in biostatistics or related areas.

- Demonstrated record of teaching effectiveness and mentoring in research methods, biostatistics and related subjects.
- Demonstrated potential (commensurate with current position title) to engage in externally funded collaborative research projects across the college and university, and with local/regional and national partners including government, corporate, and philanthropic funding agencies.
- Experience in studies relevant to both animal and human subjects.
- Strong written and verbal communication skills.
- A demonstrated and ongoing commitment to serving diverse populations.

Preferred Qualifications:

- Preference will be given to candidates with strong training in biostatistics applied to nutrition, biochemistry, health/biomedical sciences and/or related disciplines.
- Postdoctoral training or equivalent research experience.
- Research experience in obesity, diabetes, cancer, epigenetics, microbiome, liver and muscle metabolism and/or other nutrition science-related areas.
- Experience working with diverse student populations and first-generation students is highly desirable.
- Evidence or potential for training/mentoring graduate and undergraduate students.
- Experience in relevant statistical and database management platforms (e.g., R, SAS/JMP, STATA, SPSS, Mplus, Matlab and Python.)
- Demonstrated breadth of theoretical and applied statistical knowledge.

Environment

This is a unique opportunity to join a vibrant and expanding department that is committed to educating future leaders in nutritional sciences, and promoting basic, translational, clinical, and community research and teaching excellence. We offer several infrastructure and collaborative resources within the department and College of Human Sciences (COHS) and the Texas Tech System:

- The Department of Nutritional Sciences, in the COHS, has several faculty members with strong basic, clinical/translational and community research programs focusing on obesity and co-morbid conditions such as diabetes, cancer, clinical nutrition, nutritional biochemistry, adipocyte biology, Alzheimer's disease, food insecurity, and community-level interventions. <http://www.depts.ttu.edu/hs/ns/>
- The Department of Nutritional Sciences houses state-of-the-art instrumentation for cell, molecular and animal research including rodent Echo-MRI, metabolic cages, LC-MS, Agilent Seahorse analyzer, PCR instrumentation, scintillation counter, fluorescent microscopes, flow cytometer, plate readers, multiplex analyzer, and gel/membrane imagers
- Our newly formed Nutrition & Metabolic Health Initiative (NMHI) provides extensive clinical research facilities, equipment and faculty to support the mission to become a nationally recognized clinical research institution.
- Texas Tech University houses several core facilities related to basic science research including the Center for Biotechnology and Genomics (CBG), which is a highly collaborative core facility with state-of-the-art instrumentation for genomics, metabolomics and proteomics research. More information can be found at this link:

<http://www.depts.ttu.edu/biotechnologyandgenomics/>. The College of Arts & Sciences Microscopy Center (CASM) houses cutting-edge TEM, SEM, confocal microscope, flow cytometer and cell sorter.

- The TTU Obesity Research Institute at Texas Tech University (ORI; <http://www.depts.ttu.edu/research/obesityresearch/>) is a TTU-wide interdisciplinary institute in the Office of Research and Innovation (ORI). The ORI serves as a central collaborative platform for researcher working broadly in obesity-related chronic diseases. ORI members come from across the TTU System, primarily various departments and units at TTU including the new school of veterinary medicine, the Texas Tech Health Sciences (TTUHSC_ Schools of Medicine, Nursing and Biomedical Sciences in Lubbock and Permian Basin as well as some faculty from the Diabetes Center at TTUHSC EL Paso).
- The Texas Tech University Health Sciences Center offers a wide range of collaborative opportunities in health sciences <https://www.ttuhscc.edu/research/default.aspx>

About Texas Tech University

Focused on advancing higher education, health care, research and outreach, the Texas Tech University System is taking a leading role in meeting the global challenges of today and the future. Our component institutions –Texas Tech University, Texas Tech University Health Sciences Center, Texas Tech School of Law, Angelo State University and Texas Tech University Health Sciences Center El Paso are impacting the lives of individuals, not only in West Texas, but across the entire state, country and the world. Texas Tech University is a Hispanic-Serving Institution (HSI)

Lubbock, Texas is a vibrant community of over 295,000, located in the southern portion of the Texas panhandle. The community's main businesses are agriculture, education, and medicine. Lubbock is a major medical hub with University Medical Center housing a Level 1 Trauma Center as well as the Texas Tech School of Medicine.

All employees are expected to exhibit and convey good citizenship within the program, the department, college, university activities, collegial interactions, and maintain the highest standards of integrity and ethical behavior.

Please apply online at <http://www.depts.ttu.edu/hr/workattexastech/> using requisition number 29717BR.

As an Equal Employment Opportunity/Affirmative Action employer, Texas Tech University is dedicated to the goal of building a culturally diverse faculty committed to teaching and working in a multicultural environment. We actively encourage applications from all those who can contribute, through their research, teaching, and/or service, to the diversity, equity and inclusion, and excellence of the academic community at Texas Tech University. The university welcomes applications from minorities, women, veterans, persons with disabilities, and dual-career couples.

For Additional information contact:

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