



TEXAS TECH UNIVERSITY
College of Human Sciences

Department of Nutritional Sciences™

Open Rank Research Assistant/Associate Professor – Basic Science Faculty Position

Application Due: Review of applications will begin on April 1, 2020

Type: 12- month, Non-Tenure-track

Position Availability: August 1, 2020 or negotiable

Salary: Competitive and commensurate with qualifications

Position Description:

The Department of Nutritional Sciences (NS) seeks an energetic faculty member with demonstrated research excellence in the area of Basic Science to join a growing department with 19 full-time faculty. The successful applicant will contribute to the university's mission primarily through research by serving as a faculty member in our accredited graduate MS and PhD programs that include approximately 99 students and a growing undergraduate programs of nearly 700 students, which includes an accredited didactic program in dietetics. This position is specifically assigned for a research faculty to work in the Nutrigenomics, Inflammation & Obesity Research (NIOR) laboratory in NS, directed by Dr. Naima Moustaid-Moussa in the Department of Nutritional Sciences.

Responsibilities:

- Mentor undergraduate, MS and PhD students and assist in recruitment of undergraduate graduate students.
- Develop and maintain a high impact scholarly research program in basic science via publications and external funding.
- Be able to work in multidisciplinary research teams led by Dr. Moustaid-Moussa and with other NS and TTU/TTUHSC faculty.
- Engage in outreach activities and service to the department, college, university, and the profession as opportunities arise.

Required Qualifications:

- An earned doctorate in basic sciences, such as PhD, in nutrition, biochemistry, biomedical sciences or related disciplines.
- Experience with animal (rodents) and cell research and ability to develop new research/experimental protocols.

- Demonstrated potential (commensurate with current position title) to secure extramural research grants and 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.
- Strong written and verbal communication skills.
- Ability to interact successfully and work harmoniously with colleagues and students in a diverse community.

Preferred Qualifications:

- Postdoctoral training (up to 5 years) or equivalent research experience to postdoctoral training.
- Research experience in obesity, diabetes, breast cancer, epigenetics, genomics/metagenomics, metabolism and/or 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 with and/or demonstrated potential in grant writing and/or competitive extramural research funding

Environment

This is a unique opportunity to join a newly formed 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 with strong basic, clinical/translational and community research programs focusing on obesity and co-morbid conditions such as diabetes, cancer, clinical nutrition, nutritional biochemistry, nano-nutrition, adipocyte biology, food insecurity, and community-level interventions. <http://www.depts.ttu.edu/hs/ns/>
- The Department of Nutritional Sciences and the NIOR Lab house state of the art instrumentation for cell, molecular and animal research including rodent Echo-MRI, metabolic cages, Agilent Seahorse analyzer, PCR instrumentation, fluorescent microscopes, flow cytometer, plate readers, multiplex analyzer, and gel/membrane imagers
- 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 obesity. These come from across the TTU System, primarily various departments and units at TTU, 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.
- 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 state of the art TEM, SEM, confocal microscope, flow cytometer and cell sorter.

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. Texas Tech University recently achieved designation as a Hispanic Serving Institution. 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.

Lubbock, Texas is a vibrant community of over 295,000, located in the southern portion of the Texas panhandle. Surrounded by agriculture, 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 20737BR.

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 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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