



TEXAS TECH UNIVERSITY
Agricultural Sciences & Natural Resources
Davis College™



STRIEDER BARBOZA LAB
Adipose tissue biology & metabolism

September 7th, 2022
Lubbock, TX

STRIEDER-BARBOZA LABORATORY

Department of Veterinary Sciences

OPEN POSITION FOR GRADUATE RESEARCH ASSISTANT: PhD

Start date: Spring or Fall 2023

Lab focus: The Strieder-Barboza Lab focuses on understanding the adipose tissue biology and the role of distinct adipose tissue cell subtypes in the pathogenesis of metabolic disease and production in cattle.

Project:

- Adipose tissue cellular diversity and functional phenotyping of adipose progenitor cells in the context of metabolic disease in transition dairy cows. The work will combine a field trial with intensive lab work with cell cultures and molecular biology techniques.

Requirements:

Fulltime enrollment in the Animal Science graduate program is required (https://www.depts.ttu.edu/afs/grad_prog/How_To_Apply.php). The graduate student will have to learn single-cell and bulk-RNA sequencing data analysis. Previous lab experience is not required; however, students with prior experience in lab settings, transcriptomics, and cell-based assays are encouraged to apply.

Remuneration:

Graduate Assistantships are available and cover tuition and stipend. There are opportunities to be selected for Graduate Fellowships.

To find out more: Email Dr. Strieder-Barboza at cstriede@ttu.edu