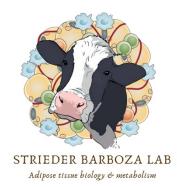


TEXAS TECH UNIVERSITY Agricultural Sciences & Natural Resources Davis College<sup>\*\*</sup>



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 (<u>https://www.depts.ttu.edu/afs/grad\_prog/How\_To\_Apply.php</u>). 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