

M.S. Assistantship available in Grazing Management and Rangeland Health

Project: Evaluation of Herd Instinct Technology for Grazing Management and Rangeland Health.

Application Deadline: May 31, 2024, but applications will be accepted until position is filled.

Start Date: Summer 2024

Salary: \$18,300 annually + tuition

Organization: Texas Tech University – Lubbock, TX

Position Overview:

One M.S. position is available to participate in an NSF funded effort to evaluate the use of herd instinct technology for grazing management in the Trans-Pecos region of Texas. The project will compare continuous, rotational, and migratory grazing management to evaluate effects on rangeland health and ecosystem services. This research will apply a systems approach to examining grazing processes and their impacts on rangelands. The student will be responsible for monitoring livestock behavior and performance, executing rangeland surveys, and performing nutritional analyses. Field work will take place on high desert Chihuahuan grasslands in the Trans-Pecos ecoregion near Marfa, TX. The student will be housed in the Department of Natural Resources Management within the Davis College of Agricultural Sciences and Natural Resources. The position is available beginning June 2024. The successful candidate will receive a tuition waiver and a competitive 12-month stipend.

Required Qualifications:

(1) A BS degree in Agronomy, Animal Science, Natural Resource Management, Rangeland Science, or closely related field prior to the start date; (2) research experience, preferably with livestock or rangeland studies; and (3) excellent written and oral communication skills. Knowledge of livestock production and grazing, plant physiology, and creative and innovative problem-solving abilities are preferred.

To Apply:

Interested students should send application materials directly to [Dr. Aaron Norris](#) and [Dr. Caitlyn Cooper](#)

Application materials must include:

- CV
- Cover letter describing research experience, interests, and qualifications
- Unofficial transcripts
- GRE and TOEFL scores if applicable
- Names and contact information for three professional references

