UNDERGRADUATE RESEARCHER: CAMERA STUDY

Sul Ross State University and Borderlands Research Institute

PROJECT DESCRIPTION

This research will be evaluating the use of tools developed by Microsoft’s AI for Earth program to improve and advance the field of camera surveys in wildlife research. The study will also add to our understanding of spatial co-existence of carnivores throughout the Trans-Pecos grasslands.

JOB DESCRIPTION

What:
- Review and identify species in photos from camera trap surveys
- Compare results of species identified in photos selected by computer software to those that were labelled manually
- Potential field opportunities during project include helping maintain trail cameras

When:
- 1 May — 31 December 2019 (beginning and ending dates are flexible)

Where:
- Computer work must be conducted at the Sul Ross Range Animal Science computer lab in Alpine

QUALIFICATIONS

- Applicants who can work during both the summer and fall semesters are preferred
- Trail camera sorting experience is preferred
- Organizational skills and ability to meet deadlines
- Must be willing to work independently and as part of a team
- Must be available to work over the summer
- Must be able to present findings at Sul Ross and at least 1 wildlife-related conference
- Must be a Texas resident
- GPA of ≥2.5
- Dedication of 20hrs/wk to research
- Application Materials:
  ⇒ 1 page cover letter
  ⇒ Resume
  ⇒ Unofficial academic transcripts
  ⇒ 1 letter of recommendation
  ⇒ Completed Sul Ross Employment Application: https://sulross.peopleadmin.com/postings/search

$8/ Hour
≤20 Hours/week

All hired students must meet the minimum program qualifications and will be expected to fulfill program requirements as outlined at: http://bri.sulross.edu/mentorship.html

For More Information please contact: Thomas S. Janke, BRI Undergraduate Mentorship Program Coordinator at 254-541-5116; tjanke@sulross.edu

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