I seek a PhD student for a research assistantship in the Landscape Ecology and Fire (LEAF) Lab at Texas Tech University, beginning August 2021. Three years of full support ($25,000/yr stipend, tuition, fees, and fringe benefits) are available through a USDA Hispanic Serving Institution Education Grant, with additional support contingent on funding. The student will help mentor undergraduate cohorts through The Bridge Adventure Program, a program that aims to foster diversity and inclusion through field-based experiential learning opportunities, including regular excursions for mentored research, service learning, and community-building adventure. The PhD student will serve in a leadership role in the program while earning a doctoral degree in Wildlife, Aquatic, and Wildlands Science and Management and conducting dissertation research under the advisement of Dr. Nathan Gill. The student will be at liberty to decide, with advisor input, the nature of research questions for dissertation chapters related to the broader research agenda of the LEAF Lab. Examples of ongoing/upcoming LEAF Lab research themes include:

1) Fire regime change in the Southern Rockies
2) Invasive plants and fire behavior
3) Disturbance, ecoacoustics, and landscape ecology
4) Experiential learning and diversity in education

Qualifications: Applicants with a firm commitment to building a community of diversity and inclusion, and with a Master’s degree (anticipated by August 2021) in Biology, Ecology, or relevant field are encouraged to apply. Experience in remote sensing, GIS, programming (R or other), and technical writing is desirable but not required. Applicants should submit a resume/cv and 1-page cover letter by email to nathan.gill@ttu.edu, describing their interest in and qualifications for the position. Please include contact information for three references. Students from historically underrepresented communities are strongly encouraged to apply.