

# DEPARTMENT OF RANGELAND, WILDLIFE, AND FISHERIES MANAGEMENT

**Head:** Roel Lopez

**Associate Head:** Gerard Kyle

**Undergraduate Advisors:** Faegen Lee and Michael Werner

The mission of the Department of Rangeland, Wildlife, and Fisheries Management (RWF) is to prepare the next generation of natural resource stewards to generate sound, innovative solutions to address increasing demands of natural resources and associated challenges, such as population growth and land use changes. RWF curriculum integrates foundational knowledge from several disciplines—biological, physical, and social sciences—along with leadership training, promotion of critical thinking skills and experiential learning opportunities rooted in evidence-based science and practical application.

This program offers students field experiences to best shape them to be natural resources leaders. The department has several partnerships in place to offer facilitated internships where students can experience career-specific jobs and build resume credentials for future employment. Hands-on field experience is offered in the majority of RWF courses to reinforce classroom principles, and the degree curriculum includes a two-week summer course between sophomore and junior years.

Upon graduation, students are equipped with the necessary background and skills to qualify for career building certifications required in natural resource professions. The undergraduate program prepares students to continue their education in graduate and other professional programs or pursue a wide range of careers in leading conservation and science-based agencies at state and federal levels, as well as private land enterprises and non-governmental organizations. In response to the complexity and diversity of the field, the BS in RWF program offers four unique specialization tracks to further tailor a student's degree to best meet post-graduation needs.

## Faculty

Barboza, Peregrine, Professor  
Rangeland, Wildlife and Fisheries Management  
PHD, University of New England, 1991

Evans, Steven, Lecturer  
Rangeland, Wildlife and Fisheries Management  
MS, Colorado State University, 2018

Hansley, Elizabeth, Instructional Assistant Professor  
Rangeland, Wildlife and Fisheries Management  
PHD, Texas A&M University, 2019

Hegde, Shraddha, Assistant Professor  
Rangeland, Wildlife and Fisheries Management  
PHD, Mississippi State University, 2022

Kyle, Gerard, Professor  
Rangeland, Wildlife and Fisheries Management  
PHD, Pennsylvania State University, 2001

Lopez, Roel, Professor  
Rangeland, Wildlife and Fisheries Management  
PHD, Texas A&M University, 2001

Lucero, Jacob, Assistant Professor  
Rangeland, Wildlife and Fisheries Management  
PHD, University of Montana, 2017

Matarrita Cascante, David, Associate Professor  
Rangeland, Wildlife and Fisheries Management  
PHD, Pennsylvania State University, 2008

Mohammed, Haitham, Assistant Professor  
Rangeland, Wildlife and Fisheries Management  
DVM, Assiut University, Assiut, Egypt, 2003  
PHD, Auburn University, 2015

Muhl, Rika, Lecturer  
Rangeland, Wildlife and Fisheries Management  
PHD, Texas A&M University, 2018

Perotto, Humberto, Associate Professor  
Rangeland, Wildlife and Fisheries Management  
PHD, Texas A&M University, 2005

Schuett, Michael, Instructional Professor  
Rangeland, Wildlife and Fisheries Management  
PHD, University of Illinois at Urbana-Champaign, 1991

Shehane, Melissa, Instructional Assistant Professor  
Rangeland, Wildlife and Fisheries Management  
PHD, Texas A&M University, 2014

Stronza, Amanda, Professor  
Rangeland, Wildlife and Fisheries Management  
PHD, University of Florida, 2000

Werdel, Ty, Assistant Professor  
Rangeland, Wildlife and Fisheries Management  
PHD, Kansas State University, 2022

## Majors

- Bachelor of Science in Rangeland, Wildlife and Fisheries Management, Aquaculture and Fisheries Management Track (<http://catalog.tamu.edu/undergraduate/agriculture-life-sciences/rangeland-wildlife-and-fisheries-management/bs-aquaculture-fisheries-management-track/>)
- Bachelor of Science in Rangeland, Wildlife and Fisheries Management, Natural Resources Management and Policy Track (<http://catalog.tamu.edu/undergraduate/agriculture-life-sciences/rangeland-wildlife-and-fisheries-management/bs-natural-resources-management-policy-track/>)
- Bachelor of Science in Rangeland, Wildlife and Fisheries Management, Rangeland Management Track (<http://catalog.tamu.edu/undergraduate/agriculture-life-sciences/rangeland-wildlife-and-fisheries-management/bs-rangeland-management-track/>)
- Bachelor of Science in Rangeland, Wildlife and Fisheries Management, Wildlife Management Track (<http://catalog.tamu.edu/undergraduate/agriculture-life-sciences/rangeland-wildlife-and-fisheries-management/bs-wildlife-management-track/>)
- Bachelor of Science in Rangeland, Wildlife and Fisheries Management and Master of Public Service Administration, 5-Year Degree Program

(<http://catalog.tamu.edu/undergraduate/agriculture-life-sciences/rangeland-wildlife-and-fisheries-management/bs-wfsc-mps/>)

## Minors

- Park and Natural Resource Management Minor (<http://catalog.tamu.edu/undergraduate/agriculture-life-sciences/rangeland-wildlife-and-fisheries-management/park-natural-resource-management-minor/>)
- Rangeland Management Minor (<http://catalog.tamu.edu/undergraduate/agriculture-life-sciences/rangeland-wildlife-and-fisheries-management/rangeland-management-minor/>)
- Wildlife and Fisheries Management Minor (<http://catalog.tamu.edu/undergraduate/agriculture-life-sciences/rangeland-wildlife-and-fisheries-management/wildlife-fisheries-management-minor/>)

## Certificates

- Watershed Certificate (<http://catalog.tamu.edu/undergraduate/agriculture-life-sciences/rangeland-wildlife-and-fisheries-management/watershed-certificate/>)