



## **Verification of Institutional Animal Care and Use Committee (IACUC) Review and Approval**

This protocol has been reviewed by the IACUC and the work may commence at this time. This approval only authorizes the activities reviewed by the IACUC as described on the final version of the protocol.

Principal Investigator: **Ruyle, George B**  
Department: **Sch of Nat Resources & Enviro-Ext**

Protocol Number: **2021-0710**  
Title: **Santa Rita Experimental Range Virtual Fence Protocol**

Approval Date: **08/18/2021**  
Expiration Date: **08/18/2024**

Funding Sources: **Departmental  
Agricultural Experiment Station  
Marley Endowment for Sustainable Rangeland Stewardship**

Grant to Protocol Review: **Not Applicable**

**The Principal Investigator (PI) is responsible for all work conducted on this protocol. As such, the PI must ensure that:**

- The protocol will be conducted in accordance with all applicable federal and institutional policies, procedures and regulations, including the PHS Policy on Humane Care and Use of Laboratory Animals, USDA regulations (9 CFR Parts 1, 2, 3), the Federal Animal Welfare Act (7 USC 2131 et. Seq.), the Guide for the Care and Use of Laboratory Animals, and all relevant institutional regulations and policies regarding animal care and use at the University of Arizona.
- All procedures involving animals will be carried out humanely and as described in the approved protocol.
- IACUC approval will be secured before initiating any change in the study design or procedures listed on this protocol. Protocol participants understand that all amendments must be approved by the IACUC prior to implementation.

- Work performed without IACUC approval is not published with certification of IACUC approval.
- All individuals working autonomously on this protocol are qualified to conduct procedures involving animals, are competent in the techniques cited in the protocol, and will maintain appropriate and complete animal records. All untrained staff will be sufficiently supervised until competency is achieved.
- The IACUC is notified regarding any unanticipated deaths or unexpected study results or a phenotype that negatively impacts the welfare of the animals, including but not limited to those that require veterinary care or treatment not described in the approved protocol.
- The hazards listed on this protocol will be handled as per Research Laboratory Safety Services (RLSS) guidelines and stipulations. Work with hazards is not performed until RLSS approval has been granted.

A handwritten signature in blue ink, appearing to be 'JK', with a small dot to the right.

John P. Konhilas, PhD  
IACUC Chair