

<p>According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average .5 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.</p>		OMB APPROVED 0579-0036	
		Interagency Report Control No. 0180-DOA-AN	
		Fiscal year:	2022
<p>UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE</p> <p>Annual Report of Research Facility Column E Explanation <i>(TYPE OR PRINT)</i></p>			
<p>This information is required by law (7 U.S.C. 2143 and 9 C.F.R. §2.36). Failure to report according to the regulations can result in an order to cease and desist.</p>			
<p>1. REGISTRATION NUMBER</p> <p style="text-align: center;">91-R-0001</p>		<p>2. Research Facility Headquarters address University of Washington, Box 357160, Seattle, WA 98195</p>	
<p>3. Number of animals used in the study.</p> <p style="text-align: center;">20</p>		<p>4. Species (common name) of animals used in the study. Squirrel</p>	
<p>5. Explain the procedure producing pain and distress.</p> <p>Behavioral Testing (without Food or Fluid Restriction): de la Iglesia-Antelope Ground Squirrel: Fear entrainment w/foot-shock (Cat E), ver. 3 (Team) We will test if time-specific fear acts as a stimuli capable of entraining circadian behaviors in a diurnal species.</p> <p>"The foraging area contains a grid that can deliver a foot shock. The shocks are of 0.4-1mA...which is set via a shock generator that allows us to set a precise intensity. This is further corroborated using a voltmeter prior to the start of an experiment."</p>			
<p>6. Provide the scientific justification for not providing the appropriate anesthetics, analgesics, or tranquilizing drugs during procedures where the animal experienced accompanying pain or distress greater than momentary or slight.</p> <p>The vast majority of what we know about circadian rhythm physiology and behavior comes from studies in nocturnal rodents. Although nocturnal rodents represent a great model for human physiology and behavior in general, they are a very poor model for human circadian physiology and behavior because humans are diurnal (day active) and not nocturnal. Our intension is to develop Antelope Ground Squirrels, a highly diurnal rodent, as a model for human circadian rhythms.</p>			
<p>7. What, if any, Federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number, and the specific section number (e.g., APHIS, 9 CFR 113, 102):</p>			
Agency		CFR	