



NSU Institutional Animal Care and Use Committee (IACUC)

Detailed Reviewer Template for IACUC Protocol Review

IACUC Review Code: 2019/OR-NSU/IACUC-No. _____

Introduction, Specific Aims, and Background	Yes	No
Are the specific aims of the proposed research clearly specified?		
Are there adequate preliminary data to justify the research?		
Is there appropriate scientific justification for this research protocol?		
Government Approvals/Permits Required	Yes	No
Department of Forestry		
Department of Natural Resources		
Fisheries Permit		
Environment		
Other (specify):		
Internal and/or External Funding	Yes	No
Internal Funding (source/amount identified)		
External/extramural Funding (source/amount identified)		
The Project involves Inter-institutional Collaboration	Yes	No
If yes, relevant information provided		
Project Research Type	Yes	No
Observation study with minor interference in animal		
Animal unconscious without recovery		
Minor conscious intervention without euthanasia		
Surgery with recovery		
If surgery with recovery, documentation of investigator's competence is included		
Minor physiological challenge		
Major physiological challenge		
Death as an endpoint (not euthanasia, death a deliberately planned part of the procedure)		
Genetic manipulation		
Minor procedure with euthanasia		
Research Protocol Procedures	Yes	No
Are the rationale and details of the research procedures accurately described and acceptable? Including: <ul style="list-style-type: none"> • Non-surgical techniques (capture/restraint; frequency of sample collection) • Surgical techniques (including administered substances—technical name; toxicity; route; dose; action; frequency; • All procedures (sampling method; frequency; amount; special housing; handling/restraint) • Detail is provided how procedures may impact negatively on the animals and how these impacts may be minimized • The animal(s) will be subjected to more than one painful or stressful procedure (explanation provided) • Post-operative care is described and adequate • Proposed routine monitoring and care of animals adequate for duration of project • The research involves prolonged restraint or confinement 		
Criteria for intervention, treatment, or withdrawal of animals are adequate	Yes	No
The experiment(s) pose health risk to investigators and/or staff handling, monitoring, or caring for the animals in use <ul style="list-style-type: none"> • If yes, investigators have explained adequately how the risk will be minimized • The proposed methods of minimizing health risk are reasonably acceptable 	Yes	No

Project Specific Issues are Identified	Yes	No
Detailed Timeline flowchart of research activity from start to completion is provided	Yes	No
Are the individuals performing the procedures appropriately educated (have requisite educational qualifications and technical training)?		
Is the location/facility of where the procedure(s) will be performed acceptable?		
Animals requested for the research are specified	Yes	No
Pertinent information as to Common Name, Strain, Sex, Age, Years of use, Date required, Source of procurement provided		
Justification for the number of animals requested is provided and reasonable		
Names/contact details of personnel responsible for daily care/monitoring of animals, including reporting of any emergencies, are provided		
Ethical/Moral Justification Statement is provided and reasonably acceptable	Yes	No
Reasonably applicable alternatives (i.e., method(s) without use of animals) have been described and there is scientific justification for the proposed use of the identified animal(s)	Yes	No
The proposed research is a repeat of research performed at NSU or elsewhere	Yes	No
Appropriate applicant declarations are provided and attested with signature of Principal Investigator(s) and Co-investigators	Yes	No

IACUC Reviewer Name: _____ Member Status _____

Signature: _____ Date: _____