

Lemur Conservation Foundation

Myakka City Lemur Reserve

RESEARCH PROPOSAL FORM

[This section to be completed by Lemur Conservation Foundation]	
LCF Research # _____	LCF IACUC Approval # _____
PI's Institutional IACUC # and Date _____	

Submit your proposal to:

Pattie Walsh
Director, Research and Operations
pwalsh@lemurreserve.org
P.O. Box 249, Myakka City, FL 34251
Phone 941-322-8494, Fax 941-322-9264

Please provide complete and concise responses to each of the following using language appropriate to the understanding of the general public. This form can be filled out and submitted electronically.

I. General Information

Please list full name and contact information for all principal investigators. If the Principal Investigator is a student, a letter of support from the student's advisor must be included with this proposal.

A. Principal Investigator

Name	<input type="text"/>	
Institution	<input type="text"/>	
Address	<input type="text"/>	
Phone	<input type="text"/>	Fax <input type="text"/>
Email	<input type="text"/>	

B. Co-PI.

Name	<input type="text"/>	
Institution	<input type="text"/>	
Address	<input type="text"/>	
Phone	<input type="text"/>	Fax <input type="text"/>
Email	<input type="text"/>	

Attach a list of all students expected to participate in project at Myakka City Lemur Reserve, including date and duration of visit, and biographical information addressing research experience and training. The addition of students to the project will require further review by the LCF IACUC.

A complete list of students expected to work on the project should be included with this project proposal. The addition of students to the project will require further review by the LCF IACUC.

Initial proposal review can take up to 30 days; please submit your proposal well in advance of the proposed project period to allow time for review and to address concerns that the IACUC may have following review. Significantly extending the project period after IACUC approval of the original proposal will require further IACUC review. Projects spanning multiple years will be automatically reviewed annually by the LCF IACUC.

C. Project Information

Project Title

Date of Submission

Project Period

D. Research Status

Students must submit a letter of support from their advisor or project supervisor.

Undergraduate
 School & major

Graduate
 School & year

Department

Thesis Topic

Professional
 Position

E. Reason for Research

Credit for independent study Advisor

Credit for course work Class/Advisor

Preliminary course work Advisor

Undergraduate thesis research Advisor

Master's thesis research Advisor

Doctoral thesis research Advisor

Other Advisor

F. Funding

Funding to cover the Reserve's Site Fees has been sought (please list)

Proposal(s) currently submitted to:

Funding received
 Source:

Funding duration:

Funding to cover additional research expenses has been sought from (please list)

Proposal(s) currently submitted to:

Funding received

Source:

Funding duration:

A biomaterial request form/materials transfer agreement must be completed, signed, and submitted prior to the collection of materials.

G. Biomaterials

Are biomaterials requested for this research project? YES NO
If Yes, please submit a biomaterials request form with this proposal.

H. IACUC Approval

Has the current research proposal been submitted to the IACUC?
 NO
 YES, if Yes, please give IACUC approval # and date approved
 PI's IACUC has waived review in deference to LCF IACUC

If your institution's IACUC has waived review of the proposal or exempted your proposal from review, please include documentation. An e-mail, memo, or letter acknowledging the waiver or exemption should be included with this proposal form.

II. Project Description and Rationale

Provide the specific scientific/education objectives of the research proposed, including a brief background. Please follow APA guidelines for citations.

In the Project Description, please clearly state the experimental hypothesis or the specific questions to be answered. State the general problem if this is an empirical study. The hypothesis may be stated formally or informally. Formal statements require an if-then construction, whereas an informal statement may be phrased as "We hypothesize that..." If you are requesting special conditions (e.g., temporary removal or cage mates, change in diet), invasive procedures (blood draws, tissue samples) or assistance from husbandry (e.g., moving manipulanda into and out of enclosures), your request must be justified in approach here and then again in the methods section for data collection.

Discuss why you want to do the study you propose: to test a theory, give the theoretical background; if an experiment suggested by other research what research suggested it? This section of the proposal corresponds to a review of the literature. Keep the discussion and review of the literature to a size appropriate for the scope of your project. A sound review of the literature is required to provide reviewers with the theoretical and practical foundations of research. Discuss the literature, either giving background information from previous work on the same question in other species or related research on the same taxa you propose to study.

Please follow APA guidelines for citations.

click here to enter text

III. Experimental Design

Include materials and methods. This section should include a proposed time table for the entire project, identification of the subjects and a description of the enclosures.

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In addition, include an apparatus and or stimulus materials, materials list, if applicable; the description should explain it well enough so that someone else could reconstruct it – elaborate on the functions which can be performed on this apparatus; use a figure if the apparatus is unusual or new. For stimulus materials, justify your use of them briefly, describe but do not reproduce.

For the Experimental Design, please specify the independent variables (IV's) – distinguishing between those which are within versus those which are between subjects - and dependent variables (DV's). Please describe how the data are to be collected - the description should explain it well enough so that someone else could reconstruct it. Include the statistical analysis you intend to use.

Making significant changes to the experimental design after receiving IACUC approval of the original proposal will require further review by the LCF IACUC.

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IV. Significance

This section should include the biological significance of the project, expected outcomes, and the theoretical implications of the project, including assurance that the proposed project does not unnecessarily duplicate previous experiments.

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V. Species

List species to be included in study. Include a rationale for the use of animals, including a rationale for the number of individuals and the appropriateness of the species.

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Provide a list of the species to be studied and indicate the number of subjects and sex distribution for each species. Provide background information sufficient to justify the choice of species and number. The Director of Research & Operations can provide detailed information on the number of individuals, relatedness, sex, housing conditions, and taxa of potential research subjects if requested. This information should be acquired prior to proposal submission.

Further IACUC review is required to add research subjects following the initial approval of the original proposal.

VI. Impact on Subjects

Describe anticipated impact of study on subjects, including minor manipulation such as altering diet and/or feeding schedule, catching/ separating/shifting/luring animals, or any introduction of interactive objects with or without food reward (excluding regular enrichment). In addition, provide assurance that procedures will not cause discomfort, distress, or pain to the animals.

LCF's Research Policy prohibits research that results in pain or distress for the research subjects. Research projects requiring researcher interaction with and/or manipulation of the research subjects is restricted to those subjects housed at the lemur shelters. Researchers are not allowed to manipulate or introduce interactive stimuli to free-ranging lemurs. Research projects requiring invasive collection of biosamples (blood, hair, prints, etc.) must be coordinated with regular annual physicals. Consequently, the collection of such biomaterials requires significant advance planning.

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VII. Research Personnel and Staff Involvement

Provide details of the qualifications and training of all personnel who will be responsible for the research procedures, care and handling of the animals. Please describe any participation required by LCF staff, including any alteration of routine caretaking tasks.

Research personnel include principal investigators, co-principal investigators, and all students participating in data collection. Details about each researcher and/or student's previous research experience, animal experience, and research and/or animal training should be included. CVs or resumes can be submitted with this form in lieu of providing this information on the proposal form itself. If students lack experience and training, please provide details on how research and safety training will be provided, including dates of the training and personnel providing the

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VIII. Presentation of Research

Please describe how research results will be disseminated.

All researchers agree to provide a copy of any final work arising from research conducted at the reserve within 60 days of the completion or publication of that work. In the event that no formal presentation or publication results from the research, researchers agree to provide a summary report of the project, data, and results within 60 days of the termination of the research project or receipt of biomaterials.

In addition, researchers agree to acknowledge LCF in any publications stemming from research done at the reserve and accept responsibility for contacting the Director of Administrative and Library Services for the LCF accession number to be included in said publication(s).

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IX. Reference List

Attach Reference List