



Graduate Student / Fellow / Resident Research Grant Proposal Form

RESEARCH GRANT GUIDELINES FOR 2021

Program Purpose

The goal of this program is to support equine veterinarians who are in programs that will advance their research skills with a goal of continuing an academic or research career path that will ultimately improve the health and welfare of the horse.

Research Projects

Pilot studies or preliminary studies which are part of a major study or which will lead to a major project are of particular interest. Small stand-alone projects will also be considered. Based on a recent AAEP survey, areas of research interest include musculoskeletal, gastrointestinal, and metabolic disease, laminitis, factors to improve racing safety and development of new technologies (i.e., stall side tests). However, research applications on any topic will be considered for funding, and all investigators are encouraged to apply.

Specific Requirements and Limitations

Who is Eligible?

- Post-DVM (or equivalent) trainees in a graduate program (masters or doctoral), residency training program, or a research fellowship program.
- Preference may be given to those applying from AVMA-accredited veterinary colleges.
- DVM/Ph.D. combined program candidates at AVMA-accredited veterinary colleges.
- Graduate Student / Fellow / Resident applicant must be an AAEP member with membership paid through June 30, 2022.
- The eligible researcher must be mentored by an equine veterinary researcher on the faculty at a University or in practice.

Research is to be completed within a one-year period and presented in a final report. This report should include a plan for pursuit of funding for ongoing studies or plans for a publication for stand-alone projects.

Amount/Budget

Funding requests should not exceed \$20,000.

Budgetary items may include graduate student tuition, lease and care of horses, consumable supplies, research service contracts and publication costs. Expenses or salaries for mentors are not allowed. Approved grants will be announced by or near September 1, 2021, unless notified otherwise.

No overhead is available for these trainee grants. Upon request The Foundation will provide a letter informing an institution that no overhead is available for these grants. If an institution requires overhead to be included, the application will need to include overhead within its \$20,000 budget limit.

Deadline

The deadline for submission is proposals – **11:00 pm (EDT) June 7, 2021**

Proposals should conform to The Foundation's Graduate Student / Fellow / Resident Research Grant Application format (*see pages 2-7 below*).

Study Types

For pharmacokinetic and pharmacodynamic studies, drugs under investigation must be fully approved for use in the United States by the Food and Drug Administration (FDA).

For prospective research studies involving anesthesia, invasive surgery or surgery that causes a permanent change in the animal, a Doctor of Veterinary Medicine (DVM or equivalent) must be listed as the principal investigator or co-investigator.

Other Requirements

Successful investigators will be required to provide a written update to The Foundation by April 15, 2022. An update form will be provided to recipients. Once the project is completed a final research summary must be submitted for publication on The Foundation for the Horse website. Although not a requirement for funding, selected investigators will be strongly encouraged to publish their results in a refereed journal and/or submit abstracts for presentation at the AAEP annual convention.

Note: You must alert us if you are awarded grant funds by another agency for the project you are applying for immediately, so that the Foundation can take into account the overlap in funding. Overlap funding would need to be returned to the Foundation.

All projects must start by Oct. 15, 2021 and be completed by Oct. 14, 2022.

Style and Format

- Page size must be standard 8.5" x 11".
- All page margins must be set to 1".
- The minimum font size is twelve (12) points, Times New Roman.
- Single space.
- Proposals must be written in English.
- Proposals must be of excellent written quality, with few errors in grammar, spelling, syntax, and literature reference. Authors writing grant proposals that are not written in their primary language are encouraged to obtain copyediting prior to submission.

- All information for each proposal must be contained within a single document. Supporting documents will not be accepted for the pre-proposal phase of grant selection (supporting documents are accepted during the full grant proposal phase).
- Proposals must be submitted as a PDF document.

Title Page

Use the attached title page form.

RESEARCH PLAN

Restricted to 5 pages - not including the references.

- I. Research problem and background information:** Include relevant information to the proposed project including the reason for the research and a succinct review of the literature.
- II. Preliminary data:** Provide any preliminary data that supports the proposal.
- III. Hypothesis and Objectives:** Provide a hypothesis along with the objective(s) for testing the hypothesis.
- IV. Experiment methods and design:** Include a detailed description of the project including data acquisition, expected pitfalls, statistical analysis and use of animals.
- V. Timeline:** Provide a timeline for each part of the project including beginning and ending dates.
- VI. Expected outcomes:** Indicate the expected results from the research, including relevance to long-term health of the horse.
- VII. References for the literature review and methods.**

Animal Care and Use Form

Include the approval letter for the project (if the approval has not yet been received, include the application to the IACUC).

Budget

Use the attached form for the budget.

Budget justification

Justify all aspects of the budget including number of personnel, animal care, travel expenses (limited to one page). Please indicate if there is any overlap in budget funding from other sources.

Facilities

Include a description of the facility to be used for the project including available equipment and animal housing (limited to one page).

Bibliographical sketch

Fill out a biographical sketch form (limit 2 pages) for each person involved in the research.

IACUC Approval / Client Consent Form

- All live animal studies funded by The Foundation must receive full approval by the facility's Institutional Animal Care and Use Committee (IACUC) or equivalent research review entity. If IACUC (or equivalent) approval is pending at the time of full proposal submission to The Foundation, proof of subsequent complete approval must be made available to The Foundation before funds will be released for the research project.
- If a client owned horse(s) is used, please make sure you have a client consent form that is approved by your IACUC or clinical research committee.

Submission

- Proposals must be submitted as PDF files attached to an email to Elaine Young (eyoung@foundationforthehorse.org).
- Grant proposals must be received by June 7, 2021 at 11 PM EDT.
- Funding of full grants will be announced by or near September 1, 2021.

Terms & Conditions

Other than the graduate/veterinary student signing an agreement for accepting of this grant, which outlines the basics of the above, there are no other terms or conditions.

Questions

Further questions should be directed to The Foundation office to Elaine Young at eyoung@foundationforthehorse.org or 859-233-0147.

Title Page Form

<p>The Foundation for the Horse Graduate Student/Fellow/Resident 2021 RESEARCH GRANT APPLICATION TITLE PAGE</p>
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TITLE PAGE	Proposed Grant Period:
Amount Requested:	\$
Title of Research Proposal:	
Applicant Organization:	Graduate Student/Fellow/Resident Applicant Name:
Department of Equivalent:	Graduate Student/Fellow/Resident Contact Info: (address, phone, email):
Principal Investigator Name: (if not Graduate Student/Fellow/Resident)	PI Contact info: (address, phone, email)
Performance Site: (if different address)	Office of Sponsored Programs: (contact and address)
<p>CERTIFICATION AND ACCEPTANCE: We, the undersigned, certify that the statements herein are true and complete to the best of our knowledge and accept, as to grant awarded, the obligation to comply with The Foundation’s terms and conditions in effect on the date of the award.</p>	
Official Signing for Organization:	Date:
Principal Investigator:	Date:

Budget Page Form

The budget should be completed for the 12-month period. For multiyear grants, a complete a budget for each year.

The Foundation for the Horse Research Proposal Budget				
PERSONNEL				
Name	Title	Percent Effort	Salary	Sub-Total
FRINGE BENEFITS (Itemize below)				\$
ANIMAL PURCHASE (Itemize below)				\$
ANIMAL CARE (Itemize below)				
EXPENDABLE SUPPLIES (Itemize below)				
TRAVEL EXPENSES (Itemize below)				\$
PUBLICATION COSTS (Itemize below)				\$
OTHER EXPENSES (Itemize below)				\$
PROJECT TOTAL				\$

BIOGRAPHICAL SKETCH

NAME		POSITION TITLE	
EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	MM/YY	FIELD OF STUDY

Role in project:

Positions and Employment:

Board Certifications and Selected Professional Memberships:

Honors:

Selected Peer-reviewed Publications: