



## 2023 Innovation & Discovery Research Grant

### RESEARCH GRANT GUIDELINES

#### **Program Purpose**

The goal of this program is to fund equine research by established investigators. The Foundation for the Horse seeks discovery through innovative projects in areas of equine medicine that will advance the science needed to improve the health and welfare of the horse.

#### **Research Projects**

The Foundation is seeking proposals to complete research on areas important to horse health. Research applications on any topic will be considered for funding, and all investigators are encouraged to apply. Areas of particular interest include musculoskeletal, gastrointestinal, respiratory, and endocrine disease. Lameness, laminitis, colic, and development of diagnostic technology are areas considered to be important and in need of investigation.

#### **Specific Requirements and Limitations**

For prospective research studies involving anesthesia, invasive surgery or surgery that causes a permanent change in the animal, a Doctor of Veterinary Medicine (DVM) (e.g., VMD, BVMS, BVSc, MVB, DMV) must be listed as the principal investigator or coinvestigator. Successful investigators will be required to provide a written update to The Foundation at 6 months after starting the research. 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. 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 consider the overlap in funding. Overlap funding would need to be returned to the Foundation.

#### **Who is Eligible?**

Individuals with a background in equine research and a previous record of research publication are encouraged to submit a proposal.

#### **Timeline**

Research is to be completed within an agreed upon timeline and results presented in a final report. Grants for 2 years will be considered with funding during the second-year

dependent on achieving successful conclusion in the first year.

### **Amount/Budget**

The project budget should be for a maximum of \$50,000 annually. The budget may include graduate student support, care of horses, consumable supplies, research service contracts and publication costs. Funding for equipment and faculty salary will not be allowed.

NOTE: The Foundation will provide overhead of 10% of the grant to be included in the final \$50,000 or less budget.

### **Deadline**

The deadline for submission is proposals – May 31, 2023 by 11:59 PM (PST)

### **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) (e.g., VMD, BVMS, BVSc, MVB, DMV) must be listed as the principal investigator or co-investigator.

### **Other Requirements**

Successful investigators will be required to provide a written 6-month update to The Foundation by April 30, 2024. An update form or sample 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 consider the overlap in funding. Overlap funding would need to be returned to the Foundation.

## RESEARCH GRANT APPLICATION

### 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 copy editing prior to submission.
- All information for each proposal must be contained within a single PDF 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 online. All supporting documents must be in PDF format.

### Application to include the following:

1. Title Page – This is included on the online application form
2. Research Plan - Restricted to 5 pages - not including the references. To follow the Style and Format listed above.
  - I. Horse owner description of the proposed research and its potential impact. (No more than 400 words)
  - II. 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.
  - III. Preliminary data: Provide any preliminary data that supports the proposal.
  - IV. Hypothesis and Objectives: Provide a hypothesis along with the objective(s) for testing the hypothesis.
  - V. Experiment methods and design: Include a detailed description of the project including data acquisition, expected pitfalls, statistical analysis, and use of animals.
  - VI. Timeline: Provide a timeline for each part of the project including beginning and ending dates. If requesting for 2 years include both years.
  - VII. Expected outcomes: Indicate the expected results from the research, including relevance to long-term health of the horse.
  - VIII. References for the literature review and methods.
3. Budget Form & Justification - This is included on the online application form

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.

4. Bibliographical sketch- This is included on the online application form, however if you have multiple, please reach out to Elaine Young at [eyoung@foundationforthehorse.org](mailto:eyoung@foundationforthehorse.org).

#### 5. Facilities

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

#### 6. 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).

- 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 online
- Grant proposals must be received by May 31, 2023, at 11:59 PM PST.
- Funding of grants will be announced by or near September 11, 2023.

### 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](mailto:eyoung@foundationforthehorse.org) or 859-233-0147.