

Research Grant Program – 2023

Program Purpose

The goal of this program is to support equine veterinarians and equine researchers in the United States of America, Canada, or European Union Countries 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 Friesian horses.

Research Study Types

Pilot studies or preliminary studies that are part of a major study or will lead to a major study are of particular interest. Small stand-alone studies will also be considered.

Areas of Research Interest

Areas of research interest are below. However, proposals on any topic will be considered for funding, and all researchers are encouraged to apply.

- Megaesophagus
- Aortic Rupture
- Delayed Gastric Emptying, Gastroparesis, and Gastric Rupture
- Chronic Progressive Lymphedema (CPL)
- Chronic Proliferative Pastern Dermatitis (CPPD)
- Colic
- Connective Tissue Disorders
- Insect Bite-Hypersensitivity

Access to Friesian Study Candidates

The inclusion of Friesian horses in the FHANA Research Grant Program is a high priority for the Association. To facilitate easier access to Friesian horse study candidates, the FHANA Health Committee is available to assist researchers, including soliciting appropriate study candidates from FHANA members and Friesian owners, gathering/screening owner-provided diagnosis documentation (veterinarian reports, necropsies, etc.), providing pedigree documentation for study candidates, and coordinating research sample collection and shipping. For more information or to request assistance, please contact the FHANA Health Committee at research@fhana.com. Note: this service is available to all researchers, including those conducting studies not funded by the FHANA Research Grant Program.

Specific Requirements and Limitations

Who is Eligible?

- Post-DVM (or equivalent) trainees in a graduate program (masters or doctoral), residency training program, or research fellowship program.
- DVM/Ph.D. combined program candidates at accredited veterinary colleges.
- Ph.D. equine researcher or Ph.D. research candidate 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 to FHANA. This report should include a plan for the pursuit of funding for ongoing studies or plans for a publication for stand-alone studies.

Amount/Budget

Funding requests should not exceed \$10,000. 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. No overhead is available for these trainee grants. Approved grants will be announced on or about May 1st, 2023 unless notified otherwise.

Submission Deadline

The deadline for proposal submission is no later than 12:00 pm (EDT) on March 31st, 2023. Proposals should conform to FHANA's Research Grant Application format (see 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), Canadian Food Inspection Agency (CFIA) or European Medicines Agency (EMA). 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

Progress reports. FHANA requires grantees to submit a written update detailing the study's current progress every six (6) months to FHANA (November 1st and May 1st). Failure to provide a progress report on the inadequate progress of a study will result in the principal researcher being ineligible for future FHANA grants.

Study Completion

Research studies will be given one (1) year for completion from the start of the study. If extenuating circumstances cause a delay in completing the study within one year, the principal researcher must submit a request for an extension in writing to FHANA. Studies with an approved extension must submit a progress report every six (6) months.

Publication

Once the study is completed, a final research summary must be submitted within one (1) year for publication on FHANA's website and in FHANA's magazine, *The Friesian*. Although not a requirement for funding, selected researchers will be strongly encouraged to publish their results in a veterinary journal.

Funding Overlap

You must immediately alert us if you are awarded grant funds by another agency for the study you are applying for to allow FHANA to account for the overlap in funding. Any overlap funding must be refunded to FHANA within 30 calendar days.

Proposal 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 contain literature references. 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.
- Proposals must be submitted as a PDF document.

Evaluation Rubric

- Study candidates include Friesian Horses: 0-3 points
- Study addresses area of Research Interest: 0-3 points
- Relevance of findings to Friesian Horses: 0-3 points
- Potential impact of findings to Friesian Horses: 0-3 points
- Incidence of Disease or Condition in Friesian Horses: 0-3 points
- Pilot or preliminary study: 0-3 points
- Administratively complete: 0-1 points
- Meets timeline: 0-1 points
- Within budget: 0-1 points
- Credentials of researchers meet eligibility requirements: 0-1 points

Title Page

Use the attached title page form.

Research Plan

Restricted to 5 pages - not including the references. Research plans should follow the below format.

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

Animal Care and Use Form

Include an approval letter for the study. If the approval has not yet been received, include the application to the Institutional Animal Care and Use Committee for USA researchers, the Canadian Council on Animal Care for Canadian researchers, or the applicable Animal Welfare Body for European Union country researchers. Approval must be made available to FHANA before funds will be released for the research study.

Client Consent Form

If client-owned horse(s) may be used, please include an example of the client consent form. The form must be approved by your institution or clinical research committee.

Budget

Funding requests must not exceed \$10,000. Use the attached budget form.

Budget Justification

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

Facilities

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

Bibliographical Sketch

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

Submission

- Proposals must be submitted as PDF files attached to an email to the FHANA Health Committee at research@fhana.com.
- Grant proposals must be received by March 31st, 2023, at 12 PM EDT.
- Funding of grants will be announced on or about May 1st, 2023.

Questions

Further questions should be directed to the FHANA Health Committee at research@fhana.com or (859) 455-7430.

Research Grant Program Application – 2023

Study Title	Total Funding Requested
Applicant Organization	Applicant Name
Department of Equivalent	Contact Info: (address, phone, email)
Principal Researcher Name	Contact Info: (address, phone, email)
CERTIFICATION AND ACCEPTANCE	
<p>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 FHANA's terms and conditions in effect on the date of the award.</p>	
Signature of Organization Official	Date
Signature of Principal Investigator	Date

Budget Form

The budget should be completed for the 12-month period. For multiyear grants, a complete a budget for each year. All costs must be listed in U.S. dollars.

FHANA Research Proposal Budget				
PERSONNEL				
Name	Title	Percent Effort	Salary	Sub-Total
FRINGE BENEFITS (Itemize below)				\$
ANIMAL CARE (Itemize below)				\$
EXPENDABLE SUPPLIES (Itemize below)				\$
TRAVEL EXPENSES (Itemize below)				\$
PUBLICATION COSTS (Itemize below)				\$
OTHER EXPENSES (Itemize below)				\$
TOTAL				\$

BIOGRAPHICAL SKETCH

TITLE, NAME, POSITION
EDUCATION/TRAINING
DEGREE/CERTIFICATION (DATES)
INSTITUTION AND LOCATION
FIELD OF STUDY

Role in Study:

Positions and Employment:

Board Certifications and Selected Professional Memberships:

Honors:

Selected Peer-Reviewed Publications: