



APPLICATIONS AVAILABLE FOR SECOND \$20,000 BUCKEYE® NUTRITION AND WALTHAM® FOUNDATION EQUINE RESEARCH GRANT

Applications accepted until February 1

DALTON, OH (Date) – Applications for the second annual \$20,000 BUCKEYE® Nutrition and WALTHAM® Foundation grant are now available at www.BuckeyeNutrition.com and www.Waltham.com. February 1 is the application deadline, with BUCKEYE® Nutrition and the WALTHAM® Foundation presenting \$20,000 per annum to one project or dividing the award among several projects.

According to Dr. John Sylvester, Ph.D., Director of Research & Quality, BUCKEYE® Nutrition, applications will be evaluated for their scientific merit and compliance with ethical standards. Research may be new or part of existing projects and must be completed by July 1, 2012. BUCKEYE® Nutrition and the WALTHAM® Foundation plan to publish study results in a peer-reviewed scientific journal to benefit the horse industry worldwide.

“BUCKEYE® Nutrition and the WALTHAM® Foundation offer the grant to help fund clearly defined original research in equine nutrition, health, behavior or welfare to benefit horses and horse owners everywhere,” Dr. Sylvester said.

The 2010 BUCKEYE® Nutrition and WALTHAM® Foundation grant went to Dr. Kristine Urschel, Ph.D., a researcher at the University of Kentucky, Department of Animal and Food Sciences, for her project, “The effects of creep feeding pre-weaning foals on whole body protein synthesis determined by using isotope, infusion and stochastic analysis.” Dr. Urschel’s project will help determine whether the beneficial effects of creep feeding on growth are due to the additional energy, protein or other nutrients provided by a creep feed or a combination of factors.

“We also hope to identify amino acids in the mare’s milk that may limit foal growth so that, with additional research, creep feed diets can be optimized to ensure they meet the specific nutritional requirements of growing foals,” Dr. Sylvester said.

BUCKEYE® Nutrition and the WALTHAM® Foundation received research applications for the 2010 grant from individuals and groups throughout the United States and five other countries. Dr. Sylvester is working with Dr. Urshel as external project advisor and the 2011 grant recipient will work with either Dr. Sylvester or Dr. Pat Harris MA PhD VetMB DipECVCN, MRCVS, Equine Studies Group, WALTHAM Centre for Pet Nutrition, Director of Science Effem Equine Ltd.

Dr. Urschel is a native of Edmonton, Alberta, Canada and grew up riding horses and participating in 4-H horse activities. She received her bachelor’s degree in agriculture, majoring in animal science, and her doctorate degree in nutrition and metabolism at the University of Alberta. Her doctoral research used a variety of isotopic techniques to study protein and amino acid metabolism in neonatal piglets.

“Horses have always been my passion and after finishing my doctorate, I began adapting some of the isotopic techniques for use in the horse during my post-doctoral training at Virginia Technical Institute and

State University,” Dr. Urschel said. “These techniques are a key part of my research at the University of Kentucky and the study supported by the BUCKEYE®-WALTHAM® grant.”

Dr. Urschel joined the University of Kentucky in August, 2008 and has a 60 percent research and 40 percent teaching appointment.

About BUCKEYE® Nutrition

Headquartered in Dalton, Ohio, BUCKEYE® Nutrition has been manufacturing quality animal feed since 1910. BUCKEYE® Nutrition produces a complete line of horse feeds utilizing an integrated process that incorporates state-of-the art equipment and extensive quality control measures to ensure superior products. The company constantly works with veterinarians, university researchers and nutritionists nationwide to provide highly digestive feeds that promote each horse’s health and well-being. BUCKEYE® Nutrition is a division of Mars Horsecare US, Inc.

About WALTHAM® Centre of Pet Nutrition

The WALTHAM® Centre of Pet Nutrition’s unique team of scientists and research staff, often in collaboration with experts in key research facilities around the world, help to provide the science behind leading MARS, Inc. brands such as WHISKAS®, PEDIGREE®, TRILL™, CESAR®, ROYAL CANIN®, SHEBA®, KITEKAT® and AQUARIAN®, as well as SPILLERS®, WINERGY™ and BUCKEYE® Nutrition.

The WALTHAM® team has pioneered some of the most important breakthroughs in pet nutrition, sharing the results of WALTHAM® research via more than 1,500 publications and regular communication with scientific and pet care communities. The WALTHAM® Foundation has supported over 90 scientific research projects since 2002 to benefit the health and welfare of companion animals globally.

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WALTHAM FOUNDATION APPLICATIONS 2010-2011

WALTHAM – BUCKEYE EQUINE GRANTS

Overview

- The WALTHAM Foundation is a non-charitable organisation which funds research into nutrition, health, behaviour and welfare of companion animals around the world.
- The Foundation will only sponsor RESEARCH projects. It will not provide funding for example for student travel or college scholarships or charitable activities that do not involve research.
- It is expected that recipients of a WALTHAM Foundation award will work at a university or research institute that provides basic research facilities, and will publish their research in scientific journals so that companion animals around the world benefit from the research.
- These are competitive grants; applications will be considered based upon their scientific merit and compliance with ethical standards. Unfortunately we receive far more applications each year than we can fund, so please do not be discouraged should your proposal not be selected in any given year.
- Feedback with respect to the granting or otherwise of an award will not be provided.

The foundation will NOT sponsor the following;

- Research into surgical procedures, pharmacological studies, toxicological studies or those studies that are likely to lead to the development of a drug or vaccine.
- Research that causes suffering or results in euthanasia of the animals involved, or studies whose subjects have clinical conditions which have been artificially induced.
- Any non-research proposals including students' scholarships for travel or academic courses; donations to charitable organisations or for charitable work.

WALTHAM-BUCKEYE EQUINE GRANTS

- All projects submitted to the FOUNDATION involving equidae will be considered under the WALTHAM-BUCKEYE EQUINE_grant process.
- A maximum of \$20,000 will be awarded each year (and could be awarded to one project or split between 2 or more projects).
- Applications for sums greater than \$20,000 will not be considered.
- Applications from any country will be considered but, in the 2010-2011 process, applications from the US will be given priority.
- A condition of being awarded any WALTHAM-BUCKEYE grant is that either Dr John Sylvester (Buckeye), or Dr Pat Harris (WALTHAM) will become external advisors to the project (as is appropriate according to the topic/area of investigation). The level of their involvement and contact arrangements are to be agreed prior to the commencement of the project
- Projects to commence from 1 July 2011. You will be assigned a WALTHAM contact for assistance and updates. Research should be completed by July 1 2012. Exceptions to these timings can be made with written agreement of the assigned external advisors
- The project may be part of an existing programme, but the application should be for a clearly defined piece of original research.
- Successful applicants will be required to provide written project reports every 6 months during the study and within 3 months of completing the research.

Waltham Foundation Grant Application Form

WALTHAM- BUCKEYE EQUINE GRANT 2010/EQ_____

- Copies of any publications arising from this work are to be submitted at least 30 days prior to submission and where appropriate intellectual input has been provided by the external advisors they will have the option to be co-authors on any publication.

Language

- The application form should be submitted in English, as the reviewing panel will be conducted in English. However, applications in Thai, Chinese, Japanese, Russian, Spanish or Portuguese may be submitted three months prior to the English deadline for translation.

Closing date - Signed and dated applications must be received at the Waltham Centre for Pet Nutrition by **1 February 2011**

- Receipt of applications will be acknowledged by e-mail
- Applicants will be notified of the outcome of their proposal in May 2011

Applications can be sent;

- a) Electronically to walthamgrant@buckeyenutrition.com
- b) By fax to 330-828-2309, Mars Horsecare US, Inc.

Guidelines for completing the application form

- Application forms should ideally be type written using an easily readable font (a minimum of Times roman 11 Pitch or Arial 10 pitch).
- If you reproduce the application form in your own word-processing package, the same wording and layout as used in this form must be used.
- The application form must not exceed four sides of A4.

1. Title of study

Please make this as brief as possible and no more than 2 lines of legible text.

2. Title, first name, surname & job title of principal author

Please fill in title, first name, surname (family name) and job title in this order, of the person to whom all correspondence should be addressed

E.g. Dr. Anne Other

3. Title, first name, surname & job title of all other applicants

Information should be given in the stated order.

4. Contact details

This is the address (including country and postal/zip code), telephone number (please include country code), fax number and e-mail address of the principal applicant.

5. Address(es) at which study will be conducted if different from above

- If the proposed study is field based, please identify the address from which this will be based
- If the study is likely to be conducted at more than one research centre, please identify each centre.

6. Summary of relevant experience of principal applicant

This should include key positions held and relevant research experience.

7. Relevant publications by principal applicant or research group

Include full details (maximum 3)

Waltham Foundation Grant Application Form
WALTHAM- BUCKEYE EQUINE GRANT 2010/EQ_____

8. Duration of study

- Please note that projects must be completed by 1 July 2012 (unless otherwise agreed in advance in writing with the assigned external advisor).

9. Budget breakdown

- Provide a **complete and detailed** breakdown of the budget (the total should add up to that given in section 9) e.g. animals, husbandry care, animal diets, consumables, etc.
- Funding will not be provided for travel and accommodation unless it is for essential fieldwork. It will not support travel and subsistence or registration for scientific meetings / conference / workshops. Nor will funding be provided for the purchase of equipment or computers.
- Overheads / University indirect costs combined must not exceed 20 % of the total sum requested, even though the Waltham Foundation is NOT a charitable organisation.
- Please identify and give a breakdown of other sources of funding required to complete this study.

11. Project proposal (max 3 sides of A4 paper)

All studies should include the following. Please note that the term horse is taken to represent equidae in general.

- Brief background to the study;
- Aims and hypothesis;
- Experimental design including materials and methods.
- A summary of the key outcomes, possible applications and benefit of this study for horses
- Number of horses involved in the study and how you have derived this number i.e. statistical validity. What alternatives to using animals have you considered and why have you chosen not to use these? Please describe how you are minimising the impact of your study on any horse involved.
- Source of the horses (e.g. whether they are client-owned, a university resource, shelter animals etc)
- Housing and husbandry conditions (including diet and supplements being fed)
- Fate of the horses at the end of the study (we will not support any study that results in the death of an animal)
- For clinical studies, state how sufficient clinical cases will be obtained
- Where animals are client-owned, it should be made clear in the protocol that the owners will be asked to give written consent for the participation of their horse in the study and are fully aware of all procedures their horse (or samples from the horse arising from clinical evaluation) will be undergoing

12. Statement of animal welfare, signature and date

Application forms will only be accepted if they contain the signature of the key contact and are dated.

Waltham Foundation Grant Application Form
WALTHAM- BUCKEYE EQUINE GRANT 2010/EQ_____

11. Project proposal (no more than three A4 pages)

Summary of the key outcomes, possible applications and benefit of this study for horses

12. I confirm that every effort will be made to ensure that studies will not result in pain or suffering of participating horses and that no horse will be euthanased as a result of this study

Signature of principal applicant

Date