

**The ISAZ/WALTHAM<sup>®</sup> Collaborative Research Award  
in Human-Animal Interactions 2010**

**Overview**

- The WALTHAM<sup>®</sup> Centre for Pet Nutrition is a state-of-the-art pet care facility in the United Kingdom dedicated to progressing the health and welfare of pets worldwide.
- The International Society for Anthrozoology was formed in 1991 as a supportive organization for the scientific and scholarly study of human-animal interactions. ISAZ is a non-profit, non-political organization with a worldwide, multi-disciplinary membership of students, scholars and interested professionals.
- \*\*The purpose of the collaboration is to stimulate new research in the area of human-animal interactions, with particular interest in the role of pets in the lives of elders, pets enhancing healthy longevity, and the role of pets in the community. Applications regarding human or animal abuse or violence will not be considered at this time. For other topics that will promote the health and welfare of companion animals worldwide, please consider an application to The WALTHAM<sup>®</sup> Foundation at <http://waltham.com/foundation.htm>
- It is expected that recipients of ISAZ/WALTHAM awards will work at a university or research institute that provides basic research facilities, and will publish their research in scientific journals so that the international human-animal interaction research community will benefit from the research. PhD candidates are eligible to apply.
- The applicant must be an individual or student member of ISAZ (or must apply for ISAZ membership prior to application). An ISAZ membership application is available at [www.isaz.net](http://www.isaz.net)
- Completed grant applications should be sent electronically to: [isaz-walthamaward@isaz.net](mailto:isaz-walthamaward@isaz.net)
- 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.
- \*\* WALTHAM<sup>®</sup> view this award as funding a collaborative research study. Regular contact between the successful applicant and WALTHAM<sup>®</sup> will provide opportunity for experimental and other input to the study and subsequent presentation and publication of results
- The ISAZ/WALTHAM Collaborative Award is for a maximum value of \$22,000, and will allow no more than 10% of the total amount to be dedicated to overheads. One or more proposals may be funded within this budget.
- \*\* Particularly meritorious proposals that require additional funding may be considered.
- Proposals must be submitted by January 15, 2010, and the award will be announced in May 2010. Research must be completed within two years of receiving the funds.
- The project may be part of an existing program, but the application should be for a clearly defined piece of original research.

- Applicants may be contacted for additional information during the deliberation process
- Feedback with respect to the granting or otherwise of an award will not be provided.
- Successful applicants will be required to provide project reports every 6 months during the study and within 3 months of completing the research. Any publications and presentations stemming from this work will be shared with WALTHAM® and ISAZ two weeks in advance and will acknowledge this source of funding.

ISAZ/WALTHAM will NOT sponsor the following;

- Research into surgical procedures, pharmacological studies, toxicological studies or those studies which are likely to lead to the development of a drug or vaccine.
- Research into non-pet species (such as farm or wild animals) unless it is clearly stated how it is of relevance to companion animal species.
- Research which causes harm to an animal, or results in the death of an animal, or studies whose subjects have clinical conditions which have been artificially induced.
- Research that includes human subjects that does not protect the well-being of the research volunteers to the greatest extent possible
- Any non-research proposals including students' scholarships for travel or academic courses; donations to charitable organizations or for charitable work.

#### **Language**

- The application form should be submitted in English, as the reviewing panel will be conducted in English.

**Closing date** - Signed and dated applications must be received by **January 15, 2010**.

- Receipt of applications will be acknowledged by e-mail.
- Applicants will be notified of the outcome of their proposal in May 2010.

Applications can be sent to: [isaz-walthamaward@isaz.net](mailto:isaz-walthamaward@isaz.net)

#### **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 six sides of 8.5 X 11 inch paper.

### **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 and the PhD advisor if the applicant is a PhD candidate.

### **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 and the PhD advisor** if the applicant is a PhD candidate. This should include key positions held and relevant research experience. *Please be concise – full CVs will not be accepted.*

### **7. Relevant publications by principal applicant or research group**

Include full citation (maximum 3)

### **8. Duration of study**

Please note that projects must be completed within two years of funding.

### **9. Total sum requested**

Total sum requested in US dollars

### **10. Budget breakdown**

- Provide a **complete and detailed** breakdown of the budget (the total should add up to that given in section 9) e.g. participant incentives, supplies, 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 10% of the total sum requested.
- Please identify and give a breakdown of other sources of funding required to complete this study.

## 11. Project proposal (max 3 sides of 8.5 X 11 inch paper)

All studies should include the following.

- 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 companion animals and or people

## 12. Ethical review summary

For studies involving Animal Subjects

### Benefits of this project

- What is the current state of knowledge in this area and how will this project increase our scientific knowledge?
- What will be the practical application of this knowledge?
- What stage does this project represent in developing the practical application?
- What are the direct benefits for the animals involved in the project?

### Alternatives to using animals (replacement)

- Has this type of study been done in any species before and how is this information relevant to your project?
- What *in vitro* studies have been used prior to undertaking this project?
- Are there options for developing *in vitro* methods to answer some or all of your project objectives?

### Refinement of animal use

- What experimental procedures does the project require?
- Is it likely to cause pain, and, if so, how is the pain controlled?
- Is it likely to cause physical or mental suffering either at the time of the procedure or after? Please explain.
- What adverse effects may be encountered and how can they be recognized, monitored, controlled and minimized?

### Reduction of animal use

- Explain how you determined the number of animals you wish to use.
- Are there alternative experimental designs that you could use, and what are they?
- Is this study a pilot study, or is there any option for doing pilot studies in the course of the project?
- What review steps are in place in your project to assess if the procedures or the experimental design are appropriate and whether you should continue with the project in its current format?

### Source and fate of animals involved

- What is the source of the animals?
- Describe the housing conditions.
- What is the fate of the animals after the study?
- If these are client-owned animals, is full informed consent obtained and recorded?

For studies involving human subjects

### **Human Subjects Involvement and Characteristics**

- Describe the proposed involvement of human subjects in the work outlined in the Research Design and Methods section.
- Describe the characteristics of the subject population, including their anticipated number, age range, and health status.
- Identify the criteria for inclusion or exclusion of any subpopulation.
- Explain the rationale for the involvement of special classes of subjects, such as fetuses, neonates, pregnant women, children, prisoners, institutionalized individuals, or others who may be considered vulnerable populations. Note that 'prisoners' includes all subjects involuntarily incarcerated (for example, in detention centers) as well as subjects who become incarcerated after the study begins.
- List any collaborating sites where human subjects research will be performed, and describe the role of those sites and collaborating investigators in performing the proposed research.

### **Sources of Materials**

- Describe the research material obtained from living individuals in the form of specimens, records, or data.
- Describe any data that will be collected from human subjects for the project(s) described in the application.
- Indicate who will have access to individually identifiable private information about human subjects.
- Provide information about how the specimens, records, or data are collected and whether material or data will be collected specifically for the proposed research project.

### **Potential Risks**

- Describe the potential risks to subjects (physical, psychological, financial, legal, or other), and assess their likelihood and seriousness to the subjects.
- Where appropriate, describe alternative treatments and procedures, including the risks and potential benefits of the alternative treatments and procedures, to participants in the proposed research.

### **Recruitment and Informed Consent**

- Describe plans for the recruitment of subjects (where appropriate) and the process for obtaining informed consent. If the proposed studies will include children, describe the process for meeting requirements for parental permission and child assent.
- Include a description of the circumstances under which consent will be sought and obtained, who will seek it, the nature of the information to be provided to prospective subjects, and the method of documenting consent.

### **Protections Against Risk**

- Describe planned procedures for protecting against or minimizing potential risks, including risks to privacy of individuals or confidentiality of data, and assess their likely effectiveness.
- Where appropriate, discuss plans for ensuring necessary medical or professional intervention in the event of adverse effects to the subjects. Studies that involve clinical trials (biomedical and behavioral intervention studies) must include a

general description of the plan for data and safety monitoring of the research and adverse event reporting to the IRB, the NIH and others, as appropriate, to ensure the safety of subjects.

#### Potential Benefits of the Proposed Research to Human Subjects and Others

- Discuss the potential benefits of the research to research participants and others.
- Discuss why the risks to subjects are reasonable in relation to the anticipated benefits to research participants and others.

#### Importance of the Knowledge to be Gained

- Discuss the importance of the knowledge gained or to be gained as a result of the proposed research.
- Discuss why the risks to subjects are reasonable in relation to the importance of the knowledge that reasonably may be expected to result.

#### Data and Safety Monitoring Plan

If the research includes a clinical trial, a data safety and monitoring plan is required. Provide a general description of a monitoring plan that you plan to establish as the overall framework for data and safety monitoring. Describe the entity that will be responsible for monitoring and the process by which Adverse Events will be reported to the Human Subjects/Institutional Review Board and the composition of the Review Board.

The frequency of monitoring will depend on potential risks, complexity, and the nature of the trial; therefore, a number of options for monitoring trials are available. These can include, but are not limited to, monitoring by a: Principal Investigator (required), Institutional Review Board (IRB) (required), Independent individual/safety officer, designated medical monitor, Internal Committee or Board with explicit guidelines.

#### **13. Statement of animal and human welfare, signature and date**

Application forms will only be accepted if they contain the signature of the key contact and are dated. Electronic signatures cannot be accepted. **Section 13 must be signed and sent either by fax or post to:** Erika Friedmann, PhD, President, ISAZ, University of Maryland School of Nursing, 655 W. Lombard Street, Baltimore, MD 21201, USA; Fax +1 410 706 2560. The rest of the application form must be submitted electronically to [isaz-walthamresearchaward@isaz.net](mailto:isaz-walthamresearchaward@isaz.net).