

**Request for Proposals on Animal Welfare Science
Faculty Seed Grants for Innovative Approaches to Addressing Current Animal
Welfare Challenges**

**Center for Animal Welfare Science
Purdue University, West Lafayette Campus
*Proposals Due – March 1, 2016***

Purpose

The Purdue Center for Animal Welfare Science (CAWS) requests Purdue faculty *teams* to submit proposals for internal seed grants directed at innovative approaches for addressing animal welfare issues. These seed grants are to foster collaboration by *interdisciplinary groups* of faculty using or developing novel approaches for addressing key challenges that affect agricultural, laboratory and companion animal welfare.

Proposals are requested that pertain to the CAWS areas of focus. These include:

- Food animal well-being
- Non-food animal well-being
- Public interest/social/ethical economic issues relative to animal welfare
- Interface between human-animal bond and animal welfare

Priority for funding will be given to proposals in the following areas identified by CAWS members in May 2015:

- Food animal
 - Genetic Selection for Improved Animal Welfare
 - Improving Animal Welfare
 - Priority given to issues of animal agriculture of high concern, i.e. animal suffering and social consequences/impact
 - Emphasis needs to be on outcomes for the animal, not the economic outcome to industry.
 - Behavioral indicators of well-being in clinically healthy vs. unwell animals
 - Public perception and public acceptance of animal care, management, and/or product attributes
 - Mass euthanasia methods for eradication of disease, such as avian influenza, where traditional methods are not practical.
- Non-Food animal, public interest and Interface between human-animal bond and animal welfare

- Data mining/epidemiological approaches to understanding animal care and welfare practices
- Physical, behavioral, emotional needs of laboratory and companion animals
- Euthanasia methods; human and animal outcomes (e.g., effects on caretakers)
- Obesity in companion animals and relationship to human outcomes
- Animal well-being metrics
- Targeted community education on animal welfare
- Welfare guidelines/assessments for animals
- Therapeutic interventions: effects on animals
- Therapeutic interventions: effects on humans
- Enhanced well-being of classroom animals and human learning outcomes

Seed Grants

Priority will be given to applications that are multidisciplinary in nature. Therefore, collaborations across campus are encouraged. Collaborations with industry are also highly recommended. Although collaboration with partners outside the university is encouraged, the funding is mainly restricted to Purdue University faculty and may not be used to fund outside partners. Faculty seed grants for animal welfare science are intended to advance significant research or support critical data generation or teaching activities that would lead to submission in 2016-2017 of external grants from federal or non-federal sources of support. Therefore, applicants need to indicate potential funding sources for supporting such research and development activities beyond the seed grant award period.

Proposals that have elements of training/engaging young professionals in interdisciplinary research are particularly encouraged. Up to \$25,000 is available per grant for research projects up to 1 year in duration. Projects typically will have a start date of June 1, 2016, for a period of one year, although other timing will be considered. Please note that no-cost extensions will normally not be considered, so teams should ensure that the proposed project can be completed within one year.

Eligibility

The primary applicant must be a faculty member of Purdue University, and a member of the Center for Animal Welfare Science, or a faculty member who has applied for and been approved for CAWS membership prior to being awarded funding. Faculty applicants must be engaged in some aspect of animal welfare science, and approved by Sponsored Program Services to serve as a Principal Investigator to an external agency.

Application and Submission Process

Proposals: The deadline for receipt of all proposals is 5:00 p.m. on March 1, 2016. Proposals should be submitted as a single PDF file attachment named CAWS2016 followed by the applicant's last name (e.g., CAWS2016Akridge) to an e-mail message addressed to ccroney@purdue.edu.

Budget Requirements

Proposals must include a budget prepared with the help of the investigator's pre-award office. A COEUS budget is to be included with the proposal although proposals do not need to be submitted by Pre-Award. Due to the source of funding, F&A will not be charged to the award and, therefore, should not be included in the budget. Fringe benefits and graduate student remits should be included in the budget.

Page 1: Cover Page (see attached) including:

- Proposal Title
- Principal investigators and contact information ((campus address, email, telephone)
- Total budget
- Project period
- Lay summary (no more than 150 words)
- Check the box to indicate the focus area of the proposal

Pages 2-4: Research plan, limited to 3 pages, single-spaced, one-inch margins, and no smaller than 11 point font. Proposals must address the technical and general review criteria listed below and include the following labeled sections:

- Problem Statement
- Objectives and Rationale
- Materials and Methods
- Summary and Conclusion, mentioning prospective donors for follow-on funding
- Metrics that will be used to measure success/impact
- Summary budget

Attachments:

- References (one page or less)
- Two-page (max) CV for each PI or co-PI/investigator
- Budget, as prepared with the college's pre-award office

Review Criteria

Technical:

- Explicit description of how the project aligns with CAWS mission and goals. Mission: To promote animal welfare through science-based information and education to advance socially responsible decisions concerning animal care. Goal: To facilitate interdisciplinary collaborations in order to identify animal welfare challenges, strategies to alleviate them, and education to aid implementation. Additional information on CAWS can be found at <http://vet.purdue.edu/CAWS/index.php>
- High potential for submission to funding agencies, foundations, the private sector, and/or other sources of funding support in 2016-2017
- Reasonable probability of project success.
- Clearly-defined, cross-campus/cross-disciplinary collaborative team.
- Explicit capacity building with collaborators external to Purdue.

General:

- Quality: The proposed research must meet high standards of scientific merit and scholarship.
- Leadership: The investigators must have a strong scholarship record, and show initiative in addressing animal welfare issues.
- Interdisciplinary team approach: Multiple investigators with the combined skills needed for a holistic approach is preferred.
- Leverage: Proposals will be judged on how well their planned activities are leveraged with resources other than that provided by the CAWS.
- Continuation: Potential means for sustaining the research project after the grant period with follow-on resources must be identified.
- Deliverables: Proposal teams are required to submit a final report 30 days after the end of the proposal. Publications and communications produced with the funding provided must acknowledge CAWS. Electronic copies (or summaries, in the case of publications where copyright would otherwise prevent a full copy) must be delivered to CAWS for possible linking to the CAWS website.
- If selected for funding, the applicant is expected to be or become an active member of CAWS

Contact Information

Questions about proposal submission should be directed to Dr. Candace Croney at ccroney@purdue.edu

Center for Animal Welfare Science

Please use this cover page when submitting a proposal.

Project Title:

Project leader:

Project leader department:

Campus Address:

Email:

Telephone Number:

Other Personnel (name, department and contact info):

- Food animal well-being
- Non-food animal well-being
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