

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 16, 2018

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 cross-disciplinary collaboration by faculty using or developing novel approaches for addressing key challenges that affect agricultural, laboratory and companion animal welfare. Funding will be prioritized by the level of cross-disciplinary strength. To be considered, the **primary** focus of proposed projects must be on evaluating/improving 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

Funding is available for proposals on the following topics identified by CAWS members:

- Genetic selection for improved animal welfare
- Welfare implications associated with animal productivity
- Developing or refining indicators of well-being
- Public perception and/or public acceptance of animal care, management, and/or product attributes
- Humane methods of euthanasia (including mass euthanasia)
- Engineering of animal environments to support/improve welfare
- Application of data science approaches to understanding animal care and welfare practices
- Physical, behavioral, emotional needs of animals
- Nutritional impacts on animal welfare (e.g., obesity)
- Welfare guidelines/assessments for animals
- Best practice for animal management and welfare
- Monitoring well-being of animals used for therapeutic interventions or other research
- Implications of caretaker interactions on animal welfare

Seed Grants

Priority will be given to applications that are cross-disciplinary in nature. Therefore, **collaborations across colleges and campus** are encouraged. Collaborations with industry are also highly recommended. Although collaboration with partners outside the university is encouraged, the funding is 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 2018-2019 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 cross-disciplinary research are particularly encouraged. Up to \$40,000 is available per grant for research projects up to 1 year in duration. Projects typically will have a start date of August 1, 2018, for a period of 1 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 approved by Sponsored Program Services to serve as a Principal Investigator to an external agency. Faculty who have previously received CAWS funding are ineligible until completion and final reporting of their previous awards.

Application and Submission Process

Proposals: The deadline for receipt of all proposals is 5:00 p.m. on March 16, 2018. Proposals should be submitted as a single PDF file attachment named CAWS2018 followed by the applicant's last name (e.g. CAWS2018Akridge) to an email 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 proposals 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 and Priority Topic
- 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, 1-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 sponsors for future 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 cross-disciplinary 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 <https://vet.purdue.edu/CAWS/>
- High potential for submission to funding agencies, foundations, the private sector, and/or other sources of funding support in 2018-2019
- Reasonable probability of project success
- Clearly-defined, cross-campus/cross-disciplinary collaborative team
- Explicit capacity building with collaborators external to Purdue University

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.
- Cross-disciplinary team approach: Multiple investigators from different fields of study 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:

Priority Topic:

Proposed Project Dates:

Project Leader:

Project Leader Department:

Campus Address:

Email:

Telephone Number:

Other Personnel (name, department and contact info):

Area of Focus:

- 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