

## JASTRO-SHIELDS GRADUATE RESEARCH AWARD

### General Information and Instructions Horticulture & Agronomy Graduate Group

The Jastro-Shields Research Award is given to outstanding graduate students in recognition of their potential to carry out research projects related to the mission of the College of Agricultural and Environmental Sciences as outlined in written proposals. Announcements of awards are made by Graduate Group/Program Chairs to awardees.

The mission of the CA&ES is:

- To develop students into scholars, mentors and responsible citizens of the state of California, the United States and the world;
- To advance, integrate, evaluate, and communicate knowledge of the sciences and technologies of natural resource utilization and conservation, agriculture, food, nutrition, human development, and related environmental, health, safety and policy concerns; and
- To seek out, anticipate, and lead in addressing the needs of citizens, communities, and governmental agencies, particularly in California.

#### **ELIGIBILITY:**

An applicant must:

- a) be a registered graduate student at UC Davis at the time of research award application and will be enrolled at UC Davis for a minimum of one quarter immediately following receiving the award
- b) be working under the direction of a major professor who has a current active appointment in the CA&ES; this does not include emeriti faculty
- c) have a minimum GPA of 3.30
- d) submit a Jastro-Shields Graduate Research proposal to the student's graduate group/program
- e) have received less than \$9,000 in Jastro Research Award funding within their education program (i.e. while a graduate student at UC Davis, not just through one graduate program)

**FUNDS:** Up to \$3,000 may be awarded, to be used for direct research costs, including:

- Travel necessary for the project
- Research supplies and services for analysis or research support
- Reproduction of documents
- Publication costs
- Travel (including registration) to scholarly meetings to present research results
- Wages to pay for undergraduate assistance related directly to a research project

*Items (including laptops) purchased with Jastro-Shields funds remain the property of the university and must remain in the possession of the university upon graduation.*

**Funds may not be used for:**

- Preparation of thesis copy
- Purchase of classroom books
- Equipment not directly related to the research

## APPLICATION

The application package consists of four items:

- Completed application form
- Budget form
- Research proposal, including short section on your personal qualifications to do the research
- Recommendation form completed by your Major Professor (including signature)

**Application/Budget:** Use the forms provided. (Some people encounter problems when trying to save fillable pdfs, but it seems to help if you save the form to your computer first, and work with that copy; be sure to use Adobe Reader or Acrobat, not a third-party program.)

1. Title of proposal and abstract/summary (75-100 words)
2. Proposed Budget
  - a. "Itemized" list of estimated expenditures; although it asks you to itemize the supplies, you can group these into broad categories
  - b. Amount requested from Jastro-Shields Endowment Program (not to exceed \$3,000)
  - c. Funds from other sources: list all sources of project support
  - d. Total cost of the project

If you feel items in your budget need clarification, which should normally not be the case, please attach a separate document with a brief budget justification. If you are asking for funding to attend a conference, please attach a short budget justification to briefly explain (a couple of sentences) why presenting your research at this particular conference is important. Proposal and budget should be for one year; if this research is part of a larger, multi-year project, explain how it fits within the context of the overall project, but also explain clearly what this request for funding is meant to cover – both within the proposal and as a budget justification.

### Research Proposal

Write your proposal clearly and concisely for review by your Graduate Group/Program. The maximum length of the proposal is five double-spaced pages of text. The application form, budget page, list of references, tables and figures, and personal qualifications are not included in this page limitation. Minimum type or font size is 12 point. Failure to follow page limitation and font size will result in disqualification of your proposal.

***Please relate your proposal toward impact on California.***

The proposal should include the following sections:

1. Title of proposal
2. Background and rationale
  - a. Why is this project needed?
  - b. What is new, unique or innovative about it?
3. Identify specific objectives. This proposal (and budget) should be for one year. If your study is part of a larger project, place this proposal within the context of the general objective(s) of the

larger project, and how it contributes to the overall objectives, but also clearly define the one-year project this request is for.

4. Summary of methods
  - a. How will the research be carried out?
  - b. How long will it take?
5. Results to date (if any) and discussion of anticipated outcomes
6. Your personal qualifications to do the research
7. List of references cited in this proposal
8. Signature (on the application form). Your signature indicates that you prepared the proposal yourself and that you meet all the eligibility requirements.

**PROPOSAL SUBMISSION:** Submit the completed application form, budget form, and proposal via e-mail to Lisa Brown ([lfbrown@ucdavis.edu](mailto:lfbrown@ucdavis.edu)) by **11:59 pm on Monday, May 23, 2022**. Submit as separate attachments; no zip files or links to Google Docs, please.

**Major Professor Recommendation:** Have your Major Professor complete and sign the Major Professor Recommendation Form, and e-mail it to Lisa Brown by Wednesday, May 25, 2022, using the form provided. **You should get input from your Major Professor as you work on your proposal, and should provide him/her with a copy of the final version of your proposal no later than when you submit it to Lisa, so he/she can comment on the merit and quality of the final proposal, and how it ties in with other projects in his/her lab.** The deadline for submission of the recommendation form is two days *after* the deadline for you to submit your application materials, so your Major Professor will have a couple of days to write his/her recommendation based on the *final* version of your proposal.

**PROPOSAL PACKAGE CHECKLIST:**

- Complete and sign the **Application** form
- Complete the **Budget** form
- Complete the written **Research Proposal**, including personal qualifications
- Submit Proposal Package** to your Graduate Group (Lisa Brown, [lfbrown@ucdavis.edu](mailto:lfbrown@ucdavis.edu))
- Have MP complete and submit **Major Professor Recommendation** (*including signature*)