

## **Research to Develop a Stronger Washington Cider Industry**

### **2019 Internal Competitive Grant Program Request for Proposals**

For state tax purposes, cider above 7.5% alcohol is considered fruit wine and is taxed by the State Liquor Control Board. The resulting ¼ cent per liter is sent to WSU for grape and wine research but that collected from cider will be separated from that collected from wine to expand our cider industry. Initially, the cider tax allocation wasn't much, but in the last few years, the category has expanded and it now averages around \$30,000 annually to ARC. We expect to be able to provide approximately \$35K annually for cider research and possibly more if funds have accumulated are available for spending. We therefore expect to fund at least one, possibly two, proposals for \$35K/year for up to three years.

We will give priority to proposals that clearly articulate how their research will address current deficiencies in cider fruit or cider production in Washington. Collaborative research and training of graduate students and/or undergraduate students in cider research is also strongly encouraged. Small equipment needs will also be considered.

#### **WHO IS ELIGIBLE TO APPLY?**

The lead PI must be a faculty member in a CAHNRS department or hold a COR faculty appointment if in another college. Research professor track faculty members are eligible to be lead PIs but associates in research, post-doctoral associates, adjunct faculty, and courtesy faculty members are not. Each faculty member may only submit a single proposal as the lead PI, however, they are welcome to participate on additional proposals in other roles (e.g. co-PI, collaborator, etc.).

#### **WHAT IS THE DURATION OF THE GRANTS?**

The maximum project duration is 3 years, starting **January 2, 2020**. Proposals can, however, be written for 1-2 years if appropriate for the scope of work. For a second year of funding, a proposal, which can be identical to the initial proposal, must be submitted at the following year deadline along with a budget, and may be approved, if satisfactory progress toward the originally proposed objectives is documented.

#### **WHAT FUNDING AMOUNTS WILL BE PERMITTED?**

Grants may be funded up to \$105,000 over the possible three-years of a project, with funding for the first year limited to \$50,000. *Efficiency in using resources will be an important element of the review* – the minimum amount essential to accomplish the objectives of the project should be requested. Partial funding may occur, depending on review and funds available.

## **PROPOSAL GUIDELINES**

The proposal must be submitted in Microsoft Word or PDF formats, Arial or Helvetica 12-point font, with 1" margins.

1. The text of the Proposal Narrative should not exceed five (5) pages, must include:
  - i. Title, lead PI name, department, and contact information; cooperating PI(s) name(s), department(s) and contact information
  - ii. Requested duration
  - iii. Amount requested for the first year and estimate of the funding to be requested in the second year, and third years if applicable.
  - iv. Project Abstract, including brief description of Issue(s) being addressed and the research strategy that is proposed (250 words)
  - v. Rationale & Significance of the problem from the perspective of Washington stakeholders. It should be made clear how the research conducted in this project will benefit the Washington cider industry.
  - vi. Objectives
  - vii. Research Methodology, Intended Outputs must be clearly stated
  - viii. Description of the Team, along with individual roles and responsibilities
  - ix. If applicable, graduate student participation in the project, including identification of the graduate degree program in which the student(s) are or will enroll.
  - x. Timeline
2. Appended materials (not part of the 5-page limit)
  - i. Reference citations from the Proposal Narrative
  - ii. Up to a two-page CV for each PI or co- PI
  - iii. One-page detailed budget including a description of any matching or leveraged dollars (if applicable). Do not include any F&A. All salaries and wages must be included but not benefits. Do not include graduate student tuition. Graduate Students should be paid at the Graduate Research Assistantship levels. *Salary and benefits for permanent faculty and staff cannot be paid from the requested funds.* Resource use efficiency should be clear in the Research Methodology and Approach, and in the Extension Plan.
  - iv. Completed Current & Pending Support Form
  - v. Discussion of overlap of the proposal with currently funded research (250 words)
  - vi. WSU Assurance Statement

**Submit the proposal electronically to the CAHNRS Office of Research by 5 PM, October 30, 2019.** All proposals must be emailed to [ARCGrants@wsu.edu](mailto:ARCGrants@wsu.edu) (cc. [mark.hubbard@wsu.edu](mailto:mark.hubbard@wsu.edu)). COR staff will acknowledge receipt of a readable proposal within one working day after submission.

## **REVIEW PROCESS**

All proposals will be peer reviewed by a panel designated by the Associate Dean for Research & Director of the COR, including faculty from CAHNRS serving as members of the CAHNRS Associate Dean for Research's Faculty Advisory Council, and *ad hoc* reviewers as needed.

**QUESTIONS**

If you have questions about this RFP, please contact the CAHNRS Office of Research by email at [ARCGrants@wsu.edu](mailto:ARCGrants@wsu.edu) or [mark.hubbard@wsu.edu](mailto:mark.hubbard@wsu.edu).

**ACKNOWLEDGMENT**

All publications, posters, websites, field day presentations, etc. resulting from this internal competitive grant program must include the following information: "This activity was funded, in part, with an WSU Cider Research Competitive Grant from the Washington State University, College of Agricultural, Human, and Natural Resource Sciences, Agricultural Research Center project 13Z-xxxx-xxxx."

**FINAL REPORT**

A final report (less than two pages) is required for each project at the end of the approved funding period. Appropriate metrics (outputs) should be included in the final report that will be indicative of science-based research that will help achieve longer-term objectives. A list of anticipated publications, field days, website URLs, etc. should be included in the Final Report.

CAHNRS COR programs and employment are available to all without discrimination. Evidence of noncompliance may be reported to the WSU Office of Civil Rights Compliance and Investigation; [crci@wsu.edu](mailto:crci@wsu.edu) and 509-335-8288.

## WASHINGTON STATE UNIVERSITY: Assurance Statement(s)

<b>PI:</b>	<b>Dept:</b>	<b>WSU ID:</b>	<b>Credit:</b>	100
<b>Co-PI:</b>	<b>Dept:</b>	<b>WSU ID:</b>	<b>Credit:</b>	
<b>Co-PI:</b>	<b>Dept:</b>	<b>WSU ID:</b>	<b>Credit:</b>	
<i>Must total 100%</i>			<b>Total:</b>	100
<b>OGRD#:</b>	<b>PI Phone:</b>	<b>PI email:</b>		
<b>Project Title:</b>				
<b>Sponsor:</b>		<b>WSU Account #:</b>		

### Biosafety and Chemical Safety

Ψ includes transgenic plants; \* includes livestock pathogens and toxins

Project does NOT involve recombinant DNA/Vectors/Plasmids, Infectious/Select Agents, Carcinogens, Mutagens, or Teratogens; EUP's

Project involves:

Recombinant DNA/Vectors/Plasmids Ψ

Carcinogens, Mutagens, or Teratogens

Infectious/Select Agents\*

EUP (Experimental Use Pesticides)

BAF #: (if known)

### Protection of Human Subjects

Project does NOT involve human subjects

Project does involve human subjects

IRB #: (if known)

### Care and Use of Animals

(includes the use of human tissue or bodily fluids)

Project does NOT involve vertebrate animals

Project does involve vertebrate animals

ASAF #: (if known)

### Use of Radioactive Materials or Radiation Equipment

Project does NOT involve the use of radioactive materials or radiation equipment

Project does involve the use of radioactive materials or radiation equipment

### Conflict of Interest

Conflict of interest definitions and questions ([www.ogrd.wsu.edu/coi\\_dq/](http://www.ogrd.wsu.edu/coi_dq/))

Project does NOT involve a Conflict of Interest

Project does involve a Conflict of Interest