

CPS Research Proposal Webinar

Wednesday, September 5, 2018
10:00am – 11:00am PDT

Conference Call number

(separate from GoToMeeting, please use your phone)

Telephone number: 877-643-6951

International Access Number: 302-607-2017

Canadian Access Number: 877-722-6536

Participant Passcode: 94642528#

Questions: Please use “Chat” box. May send questions to “Organizers” only or to “Everyone” on the call.



Welcome

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Drew McDonald

Chair, CPS Technical Committee

- Key Focus of 2019 RFP
 - Daily operational knowledge and mitigations
 - Support preliminary data for leveraged funding
 - Long-term planning: complex risk identification
 - Integrated reduction and prevention
- Webinar today about...
 - Keys to Success
 - Brief overview of CPS 2019 priority areas
 - Identify your questions about review process



CPS Mission

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Fund the science, find solutions and fuel the change

2018 Annual Grant Cycle

72 complete proposals received

33 invitations to submit full proposals

13 projects will be funded, \$2.6M (\$3M available)



2019 2-step approach

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- Annual Call for Research – September 11, 2018
- Separate request for research in the following areas:
 - Concentrated Animal Risk Factors and Science and Data-Based Setback and Separation Standards
 - Agricultural Water Testing and Treatments
 - Field and Product Sampling and Cross-Contamination Transfer Mitigations



What makes a successful proposal? ⁵

- Effectively addresses the Priority Question
 - Novel, testable hypothesis approaches will be considered
- Scientifically Defensible
 - Technical complexity of methods appropriate to objective(s)
 - Methods should meet current standards of proof
 - Ex. – defensible SOP to establish intervention success end-point
- Industry Relevant – rationale of priority briefed in RFP
 - Will outcomes answer So What?
 - Will results provide And Now What answers?



What makes a successful proposal? ⁶

(Part 2)

- Must be well written with clear and concise justification
- Rationale for objective(s) demonstrates understanding of industry practices
 - Validate an existing practice or standard
 - Develop foundation or Proof of Concept for novel practice
 - Effectively justify a high Outcome Adoption Rating (OAR)
- Proposal must clearly demonstrate benefit to industry
 - How the research may be used by the industry
 - Effectively communicate Measures of Success



2019 Research Priorities

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PART 1. SHORT-TERM PROJECTS (MAXIMUM OF 1 YEAR) WITH DIRECT APPLICATION TO INDUSTRY PRACTICES

1.1 *Listeria monocytogenes* (Lm) in the Supply Chain

1.1.1 Environmental monitoring program best practices (Zone 1)

1.1.2 Lm preventive controls (cleaning & sanitation/interventions)

1.1.3 Science-based industry best practices in response to *Listeria* detection in RAC operations



2019 Research Priorities

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PART 1. SHORT-TERM PROJECTS (MAXIMUM OF 1 YEAR) WITH DIRECT APPLICATION TO INDUSTRY PRACTICES

1.2 Animal Intrusion

- Emphasis on farm-based interventions as demonstration trials
- Farmer-to-Farmer proposals with qualified researcher as Co-PI
- Strong evidence for quantifiable and transferable outcomes

1.3 Postharvest Preventive Controls

1.3.1 Preventive controls for packing and holding operations

1.3.2 Environmental monitoring in distribution centers

1.3.3 Wash water standards for FSMA implementation and audit compliance... Read RFP carefully!



2019 Research Priorities

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- **PART 2. FUNDAMENTAL RESEARCH AND LIMITED OBJECTIVE PROOF-OF-CONCEPT PROJECTS**

2.1 Postharvest Interventions

2.1.1 Produce surface contaminants – Up to three year funding potential

- Getting the last two log reduction

2.2 Core Produce Safety Research Objectives

2.2.1 *Cyclospora* prevalence and risks

- Broader understanding of environmental sources
- Better understanding of oocyst maturation on produce



What makes a successful proposal? (Part 3)

- Collaborative industry partners clearly identified
 - Role in assisting PI in objective definition is clear
 - Facilitation of experimental plan has LOS (full proposal a must)
- Background and justification focused squarely on question, hypothesis, and objective(s)
 - Don't waste space telling reviewers food safety is important
- Concise and up to date supporting literature
 - Beyond current published literature
 - Demonstrate awareness of knowledge pipeline



Preliminary Proposal

A few pointers

1. CPS RESEARCH PRIORITY
2. PROPOSED PROJECT TITLE
3. PRINCIPAL INVESTIGATOR and institution, email address
4. CO-PRINCIPAL INVESTIGATOR(S) and institution(s), email address
5. **RATIONALE AND OBJECTIVES**
6. PRIOR EXPERIENCE RELEVANT TO PROJECT OBJECTIVES
7. **PROPOSED METHODS**
8. **MEASURES OF SUCCESS**
9. **REVIEW OF CRITICAL LITERATURE AND EXISTING TECHNOLOGY THAT ESTABLISHES THE PROJECT RATIONALE**
10. ESTIMATED TIMELINE
11. PROPOSED BUDGET – Year 1 \$ _____ Year 2 \$ _____
(Is this a Proof-of-Concept project? _____)
12. **BACKGROUND REFERENCES**



Often asked Questions

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- Indirect Rate – 8% of personnel and fringe benefits
- A scientist may be listed twice as a principal investigator. May be listed on no more than three proposals total as either a PI or Co-PI.
- Due date – **Must be received by** Tuesday, November 13 @ 12:00noon Pacific Time Zone
- All items must be included in one email and attached as separate documents. If not, will be considered an incomplete submission.



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CPS Research Priorities
The Center for Produce Safety 2018 RFP Research Priorities.
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Abstracts and final reports for CPS funded projects.
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Poster Sessions
Posters presented at the annual CPS Produce Research Symposium.
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Campaign for Produce Safety
Funding Science, Finding Solutions.
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Key Learnings
Key Learnings from our annual symposia.
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Send questions to
research@centerforproducesafety.org

We look forward to hearing from you.



Questions about Review and Submission Process?

research@centerforproducesafety.org

