RFP- Climate Change and One Health Pilot Funding

**Background:** The impacts of climate change have already begun to pose tremendous challenges for human, animal, and environmental health, and these issues will only accelerate over the next century. A One Health framework—the consideration of issues from the broad lens of interconnectedness among environment, humans and animals—lends itself to solution-oriented approaches to mitigate, manage, prepare for, or adapt to the impacts that climate change will have on society in the coming years. **Thus, CSU One Health Institute (OHI) is launching a pilot program to support interdisciplinary teaming of CSU faculty around the theme of “Climate Change and One Health” (CCOH).**

CSU has world class programs across all eight colleges that can collectively identify and offer unique solutions for Climate Change impacts to human, animal and environmental health. Federal agencies, nonprofits, private sector and philanthropists are aligning to support transformational ideas in this space. This RFP is thus offered to develop teams among CSU faculty that will position interdisciplinary groups for competitive extramural funding in the next 1-3 years.

In addition, CSU OHI and OVPR will be prepared to provide newly funded teams and individuals customized support in achieving desired goals and to increase competitiveness for leveraged research funding opportunities. This will include providing teams with team science support, infrastructural support to prospect for funding opportunities, and administrative support in preparing complex large proposals for submission.

Competitive proposals will clearly articulate:

1. A vision for a pilot project that aligns interdisciplinary expertise around a tangible problem related to climate change.
2. Aspects of human, animal and environmental health connections that are under study.
3. The interdisciplinary nature of the team as outlined in RFP instructions.
4. Well-considered, specific extramural funding targets
5. The nature of logistical support that will be required for follow-on funding success

While external stakeholders and partners are encouraged, given the nature of available funds, all expenditures must be managed via CSU accounts; i.e., subawards and contracts with external sources are not allowable.

**CCOH Funding Opportunities:**

1. **Research and Development Team Proposals.** One category of funding (limited to $75k) will be awarded to teams developing a new research partnership with a specific target for external funding before the end of the pilot grant award period. The team will be provided targeted infrastructural support customized to team goals. We anticipate funding 2-4 R&D proposals.

2. **Ideation and Network Development Proposals.** This category of funding (limited to $10K) will be awarded to teams organizing workshops or meetings. Travel for conferences or investigation of extramural opportunities is also allowable. We anticipate funding 3-5 I&ND proposals.
Guidelines for proposals:

Single space, minimum of 11 font, one inch margins.

One single PDF document upload, containing all components for Research and Development Team (R&D) or Ideation and Network Development (I&ND) proposals specified below. Please note order and page limits.

R&D proposals (max $75k)

1 page- Title with abstract containing:
- Topic introduction with Rationale of Proposal
- How the goals of the proposal aligns with CC and OH
- Description of Team
- Target of federal, foundation, corporate, and/or philanthropic funding targeted for sustainable funding

7 pages - Detailed Proposal Instructions for R&D proposals:
1. **Background:** Clearly articulate the problem, including the interconnected nature of the animal, human and environmental health issues addressed. Define the scope of the proposed project and feasibility for completion during grant award period.

2. **Project overview:** Describe project overarching question, objectives/aims, rationale, general approach/experimental design/analysis, anticipated findings, potential pitfalls.

3. **Interdisciplinary teaming:** describe how at least two of the following four disciplinary categories are represented by team members (see Figure 1 for examples of subdisciplinary topics).
   - **Data sciences and Engineering**, including data and computer science, atmospheric science, mathematics, etc.
   - **Social sciences**, including behavioral science, economics, business, liberal arts, artistry, etc.
   - **Natural, Biological, Biomedical, Animal, and Applied Sciences**, including chemistry, physics, biology, clinical human and veterinary science, etc.

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<tr>
<th>DATE</th>
<th>EVENT</th>
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<tbody>
<tr>
<td>May 4, 2021</td>
<td>RFP announcement released, OHI and SoGES workshop on CC and OH topics</td>
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<tr>
<td>June 28, 2021</td>
<td>Deadline for receipt of proposals (Infoready)</td>
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<tr>
<td>On or about August 2, 2021</td>
<td>Proposal reviews completed</td>
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<td>On or about September 1, 2021</td>
<td>Awardees notified and award start date</td>
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<td>June 30, 2022</td>
<td>Award completion date, I&amp;ND proposals</td>
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<td>June 30, 2023</td>
<td>Award completion date, R&amp;D proposals</td>
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d. **Environmental Sciences**, including natural resources, ecology, etc.

4. **Team Infrastructure needs**: Define administrative, logistical and training support that will be needed for successful outcomes, including, but not limited to: Team training and logistical support, Identification of funding opportunities, Development of large extramural proposal, Development support, etc.

5. **Diversity, Equity, Inclusion and Social Justice**: Describe how DEISJ attributes will be included in all elements of proposal execution, including team composition, problem definition, communities at risk and/or engaged, research approaches, outcomes, etc.

6. **Follow-on Funding**: Provide a description of how team efforts will be supported following completion of the pilot award by providing specific RFP, programs, foundations, industry partners, or other extramural sources, including intended date of application(s), and anticipated award amount. Letters of support, copies of RFP text, and other items that indicate consideration of extramural support that will supersede pilot funding are encouraged.

1 page - Chart defining major milestones and timelines
Appendix - NIH or NSF formatted Bibliographies of Key Investigators
References Cited
Proposed Budget
Letters of support (optional)
Submission: CSU InfoReady Review System (see below)

**I&ND proposals (max $10k)**

1 page- Title with abstract containing:
   - Topic introduction with Rationale of Proposal
   - How the goals of the proposal aligns with CC and OH
   - Description of Team
   - Rationale for workshop/meeting and proposed outcomes

3 pages - Detailed Proposal Instructions for I&ND proposals:

1. **Background**: Clearly articulate the problem, including the interconnected nature of the animal, human and environmental health issues addressed. Define the scope of the proposed meeting topic, stakeholders/participants and how this proposal will advance a topic related to climate change and one health.

2. **Project overview**: Provide a rationale for conducting a workshop, meeting or other event that addresses the problem. Outline agenda, format, timeline, participants, organization of event(s) and anticipated products.

**Figure 1.** Examples of subdisciplinary topics included in larger One Health teaming areas. Other subdisciplinary topic areas within these general categories can be represented, and some subdisciplines could readily be defined in multiple categories.
3. **Interdisciplinary teaming**: describe how at least two of the following four disciplinary categories are represented by team members (see Figure 1 for examples of subdisciplinary topics).
   a. Data sciences and Engineering, including data and computer science, atmospheric science, mathematics, etc.
   b. Social sciences, including behavioral science, economics, business, liberal arts, artistry, etc.
   c. Natural, Biological, Biomedical, Animal, and Applied Sciences, including chemistry, physics, biology, clinical human and veterinary science, etc.
   d. Environmental Sciences, including natural resources, ecology, etc.

4. **Team Infrastructure needs**: Define administrative, logistical and training support that will be needed for successful outcomes, including, but not limited to: assistance with meeting/event planning, meeting facilitation, identification of funding opportunities, etc.

5. **Diversity, Equity, Inclusion and Social Justice**: Describe how DEISJ attributes will be included in all elements of proposal execution, including team composition, problem definition, communities at risk and/or engaged, research approaches, outcomes, etc.

6. **Outcomes**: Provide anticipated outcomes, follow on activities, and advancement of knowledge and capabilities that will result from the project.

   1 page - Chart defining major milestones and timelines
   Appendix - NIH or NSF formatted Bibliographies of Key Investigators
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               Letters of support (optional)

**Submission**: CSU InfoReady Review System (see below)

**Submission Process**
Applications are **due by 5:00 pm on June 28, 2021** through the CSU InfoReady Review system. **The system will not accept applications after 5:00 pm.** Accessing the InfoReady system to submit:

1. From the opportunities list found at [https://colostate.infoready4.com/](https://colostate.infoready4.com/), locate the “CSU – Climate Change and One Health Pilot Funding” opportunity, and click on the title to open the opportunity page.
2. From the opportunity page, click “Apply”.
3. Use your CSU eID and password to log into InfoReady Review.
4. Complete and upload all required components. You can save your application as a draft prior to submission.
5. Be sure to submit your application. Applications left as “draft” will not be reviewed.

**Proposal Review**
Proposals will be reviewed by a panel of internal and external reviewers with expertise in CC and OH. Proposals will be ranked according to:
- Clarity of goals and alignment with CC and OH thematic framework
- Feasibility for completion during project period
- Multidisciplinary approach and plans for team integration and success
- Clearly articulated and attainable goals
- Plan for follow-on funding (R&D) and/or activities/products (I&ND)

A second stage review including additional external reviewers and/or team presentation or interview may be required.

Budgets will be scrutinized to assure relevance and applicability to the project goals.