

Request for Proposals (RFP)
Targeted Investment in Excellence joint initiative
Climate Water and Carbon Program
Public Health Preparedness for Infectious Diseases

What is this about?

<http://oaa.osu.edu/TIE2.php>

The Targeted Investment in Excellence initiative provides \$100 million over the next five years to move programs into the top tier as part of OSU's Academic Plan. There were 52 proposals with the top ten receiving central funds. The highest priority initiatives include the Ohio State Climate, Water and Carbon Program (CWC, \$11M) and the Public Health Preparedness for Infectious Disease Threats (PHPID, \$5M).

The lead investigators of both the CWC and PHPID envision a new frontier of science in joint initiatives at the intersection of these programs. Public health and infectious disease threats are directly affected by adequacy of fresh water, by climate change and carbon load.

We seek to inspire a generation of science that impacts the world through climate and health. It is anticipated that 2 awards will be given. Awards have a maximum budget of \$50,000 direct cost per award per year and a maximum duration of two years, contingent on approval of a year-one progress report. A final report at the end of the second year is required.

Who may apply?

Any OSU faculty member affiliated with PHPID or CWC may apply. All PHPID affiliates are eligible, as listed in the faculty directory: <http://phpid.osu.edu/index.html> All CWC affiliates are eligible, as listed on site: <http://cwc.osu.edu/contacts/> Collaboration among scientists on these two lists is encouraged.

If you are not yet affiliated, you may request membership in PHPID by email to phpid@osu.edu with either a web reference to your CV or as an attachment. To join the PHPID you must agree to the PHPID mission and goals <http://phpid.osu.edu> and be a member of one of the six colleges [Colleges of Public Health; Medicine; Pharmacy; Biological Sciences; Veterinary Medicine; or Food, Agricultural, and Environmental Sciences]. The PHPID steering committee will approve new PHP affiliate members.

You may request membership in CWC by contacting Doug Alsdorf (alsdorf.1@osu.edu), Jerry Bigham (bigham.1@osu.edu) or Berry Lyons (lyons.142@osu.edu). The CWC advisory board will approve new CWC affiliate members.

Priorities for Funding

Interdisciplinary work in CWC and PHPID with the greatest positive impact on society has priority. Some hypotheses may include:

- Does human intervention change the frequency or intensity of infectious disease and associated changes in the climate system?
- Do we have sufficient potable surface water to maintain public health and prevent infectious diseases?
- How does carbon cycle disruption affect human health?
- Is there an impact of climate on host-pathogen interactions and can we identify appropriate molecular targets for diagnostics or vaccines?
- Can we detect emerging and re-emerging infectious agents that result from climate, water or carbon interventions?
- Is human or animal food or feed safety altered by climate or water changes?
- Can we devise new approaches to sanitation to improve life quality in a changing climate?
- Can we develop methods for interdisciplinary training of health practitioners for effective response to infectious threats mitigated by climate water and carbon issues?

Related Seed Programs

Both the CWC and the PHPID have interdisciplinary seed grant programs in their respective areas. You may also consider applying to these programs if your idea is not in this CWC-PHPID interface.

CWC <http://cwc.osu.edu/projects> and PHPID <http://phpid.osu.edu/members.html>

Characteristics of a Successful Proposal

1. It is anticipated that 2 awards will be given. Awards have a maximum budget of \$50,000 direct cost per award per year and a maximum duration of two years, contingent on approval of a year-one progress report. A final report at the end of the second year is required.
2. The P.I. must be an Affiliate faculty member of CWC or PHPID.
3. The Proposal should feature collaborative effort across CWC and PHPID.
4. The narrative should state clearly in non-technical language how the work is innovative and contributes to the advancement of this joint program's goals.
5. No extramural match is required and prior funded work is not eligible. Plans for acquiring external funding should be disclosed, such as identification of a potential extramural agency with timelines for submission and collaborators.
6. No more than ten pages are allowed in 12 point type with 1 inch margins on letter size paper. These 10 pages include the cover page with abstract, contents page, project narrative, budget narrative, references, and collaboration and future plans (Sections A through F of Guidelines). Tables, images and graphs are included within the 10-page limit.
7. The relationship between the proposed, previous, and existing work must be clear.
8. Evaluation of proposals will be conducted by a joint selection committee. A low rank will be assigned to any proposal that fails the seven criteria listed above.

How to apply:

The same format required for PHPID seed grants is used for consistency. This is described at <http://phpid.osu.edu/frame.php?page=pilotGrant.php>

The deadline is July 1, 2008, at 5PM eastern time. All proposals must be sent by email attachment to phpid@osu.edu in Adobe PDF text format. To ensure fairness, no proposal nor revision is accepted after the deadline. Paper, fax, MS Word, WordPerfect, or other non PDF submissions will not be accepted.

All pages should be set to print on standard 8.5- by 11-inch paper and numbered consecutively. All margins should be at least 1 inch. Within an 8-page limit are items A - E in the outline below; all eight pages must have 12 point or larger type with no more than 6 lines per inch. These sections include the cover page, contents, project narrative, budget narrative, collaboration and future plans. All tables and figures are within the eight page limit. No appendices are allowed. Exempt from the eight page limit are pages outside of A - E in the outline below. It is permissible to use the current and pending support form and conflict of interest form from grants.gov.

It is the responsibility of the investigator to comply with all existing University policies and guidelines regarding the use of human subjects, animal welfare, conflict of interest, and hazardous materials. Please work with the Office of Technology Licensing on matters pertaining to intellectual property. <http://tlc.osu.edu/>

Proposal Outline (A to E inclusive must be eight pages or less and not less than 12 point type):

A. Cover Page:

Project title. Principal Investigator (PI) name, title, affiliation, campus address, telephone, fax, and e-mail. Names, titles, and affiliations of collaborators. Anticipated start date, duration and funds requested. Maximum 200 word lay-summary of the purpose, relevance, impact and expected outcomes.

B. Contents

Please number all pages (including those outside of the page limitations) and apply these major letter headings: Cover Page; Table of Contents; Project Narrative; Budget Narrative; References; Collaboration and Future Plans; Curriculum Vitae for Each Investigator; Current and Pending Support for each investigator; Budget.

C. Project Narrative

C.1. Objectives. A clear statement of the objectives, including hypotheses tested, research questions addressed and any products developed.

C.2. Rationale and Significance. Concisely present the rationale behind the proposed research. Describe the probable end products of the study and associated significance. The current status of research and significant published work should be summarized. Innovation or unique expertise among investigators should be

identified. The relationship to CWC or PHPID, and how it differs from current projects, should be explained.

C.3. Research Methods. A description of the research design, methods, data analysis, application of results, limitations of the procedures, and a schedule of activities, typically presented as a table or Gantt chart.

C.4. Role of Investigators. The role of each investigator and percent time on the project.

C.5. Timeline. A statement or chart showing when objectives, reports or other events are planned over the 8 quarters or 24 months of the project. The end of month 12 must show a first year report to us.

D. Budget Narrative

Provide a budget narrative describing equipment, personnel (graduate students, post docs, technicians, etc.) and other expenditures. List the number of quarters of support for any graduate student. Faculty salaries, release time and indirect costs are not allowed.

E. Collaboration and Future Plans

Mention any collaboration or arrangements with other scientists, notably those within the CWC and PHPID. Address plans for seeking extramural funding.

F. References are listed alphabetically and conform to an accepted journal format. Consecutive numbers may be used for cites throughout the proposal. Not less than 10 point type.

G. Curriculum Vitae (CV)

Each CV is not longer than three pages including publications. Specify education, employment and professional history, honors and awards, funding history for the past five years, and selected recent or relevant publications. Not less than 10 point type.

H. Current and Pending Support

List current and pending research support for each investigator listed. Include public or private support as well as the proposed project. A standard grants.gov form may be used in the native font.

I. Budget

Include salaries and wages, fringe benefits, equipment, materials and supplies, travel, publication costs, and tuition. Faculty salaries are not allowed. Indirect costs are not allowed. The budget form submitted must follow the format provided at <http://phpid.osu.edu/frame.php?page=pilotGrant.php> and clearly show which academic units will receive funds.

For more information:

Contact either PHPID representatives: Eric Lutz (lutz.12@osu.edu), Larry Schlesinger (larry.schlesinger@osumc.edu), Tim Buckley (tbuckley@cph.osu.edu), John Reeve (reeve.2@osu.edu); Michael Lairmore (michael.lairmore@cvm.osu.edu), Ken Lee (lee.133@osu.edu), Bob Brueggemeier (brueggemeier.1@osu.edu); or CWC representatives: Doug Alsdorf (alsdorf.1@osu.edu), Jerry Bigham (bigham.1@osu.edu) or Berry Lyons (lyons.142@osu.edu).