

Request for Proposals: Development Pilot Projects

Deadline Friday, September 13, 2024 at 3pm

The NIEHS funded [Philadelphia Regional Center for Children's Environmental Health](https://prcceb.upenn.edu/) (PRCCEH) is currently accepting applications for Year 4 pilot projects through its Development Core. We hope you will share this announcement with colleagues who are currently involved in children's environmental health or might be interested in working in this area.

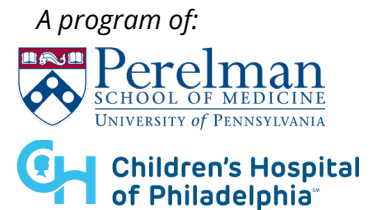
Within PRCCEH, the Development Core supports translational research, particularly in emerging and time-sensitive issues relevant to Children's Environmental Health (CEH). These pilot projects can generate preliminary data and develop new intervention, prevention, and communication strategies to improve CEH.

- The **Catalyst Pilot Program** is aimed at funding innovative research in any area of Children's Environmental Health that will provide preliminary data leading to extramural funding. This award is available to any junior or senior full-time faculty member.
- The **Focused Research Award** is used to develop new translational products (e.g., message, material, video, mobile app, toolkit, preventive prescription, intervention, policy) and promote research in one of the thematic areas (asthma prevention, lead exposure and harm reduction, air pollution including inhaled toxicants e.g., asbestos, and endocrine disrupting chemicals) and to support research that may lead to multi-investigator grants.

More information about this RFA and other Pilot Projects can be found at prcceb.upenn.edu/pilot-projects/

Funding Details

- Applicants can request up to \$25,000 for one year.
- Award period begins December 1, 2024 and concludes November 30, 2025. No cost extensions are not permitted.
- No salary support for the faculty member is allowable. Applicants can request salary for support personnel, supplies and minor equipment (less than \$5K). The investigator cannot claim travel or funds towards the purchase of major equipment. These pilot projects DO NOT allow for indirect costs.



Any standing or research faculty from Children's Hospital of Philadelphia (CHOP) and the nine member universities* in the Philadelphia region may apply. If the applicant's institution is not a current PRCCEH member, partnering with [a current member](#) is required. Underrepresented minority faculty and junior faculty are highly encouraged to apply.

All applications and inquiries should be submitted electronically to prcceh@pennmedicine.upenn.edu

At the end of their award year each recipient of a Pilot Project Grant is asked to make a presentation on their work in the PRCCEH seminar series and may be invited to give an oral or poster presentation at the Annual PRCCEH symposium. Acknowledgement of NIEHS funding to the PRCCEH (P2CES033428) is required in all publications, presentations, and translational products that derive from the Pilot Project Grant.

About the Center

[The Philadelphia Regional Center for Children's Environmental Health](#) is part of the national network of Children's Environmental Health Research and Translation Centers that work together to develop effective strategies to translate key CEH research findings to relevant stakeholders in the community, academia, and practice.

* PRCCEH provides the infrastructure to integrate CEH research expertise at our member institutions: University of Pennsylvania (Penn), Children's Hospital of Philadelphia (CHOP), Drexel University, Temple University, Thomas Jefferson University, Lehigh University, Lincoln University of PA, Rutgers University, Villanova University, and the University of Delaware. They work together to improve children's health by reducing environmental exposures in early life across our region.

If your college, university or research institution would like to join the PRCCEH, email prcceh@pennmedicine.upenn.edu. You must show at least one faculty or researcher who is focusing part of their work on CEH and wants to become a member.

Application Details

Pilot Project applications must be in PDF format and include:

- a) Title of the Application;
- b) personal information (name, position, title, affiliation, and contact information);
- c) NIH biosketch;
- d) list of current and pending grant support;

- e) an abstract not longer than 250 words;
- f) a statement on how this project may lead to extramural funding in Children's Environmental Health;
- g) specific aims;
- h) significance, which must state the relevance to Children's Environmental Health;
- i) preliminary studies if available;
- j) methods;
- k) references;
- l) authentication of key biological or chemical resources;
- m) budget justification; and
- n) where applicable, IRB or IACUC approval.

Items (e-j) cannot exceed 5 pages.

Each pilot project should have a translation plan in the application. Examples of new translational products are messages, information sheet, infographics, communication strategies, an app for clinician use, an app for pregnant women on children's environmental health, and YouTube Videos on how to reduce exposure to lead and asthma triggers in the City of Philadelphia for parents and grandparents. Short science briefings for local and state legislative staff may be another example of translational products. Emerging exposures, such as replacement endocrine disrupting chemicals and climate change, can also be considered for developing translational products.

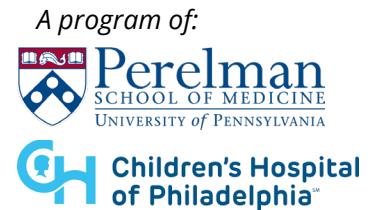
Past Funded Projects

Assessing Childhood Exposure to Toxic Metals During 3-D Printing. PIs: Thomas J. Gluodenis, Jr., PhD, and Kemberly Stephens, DM, Lincoln University of Pennsylvania

Evaluating the modifying effect of air pollution on asthma step-up treatment effectiveness among children in Philadelphia. Jane Clougherty, ScD, MSc, Drexel University

Understanding the mechanism by which gestational exposure to endocrine disrupting chemicals alters children's health. Thea Golden, PharmD, PhD, University of Pennsylvania

Examining and communicating the role of neighborhood and diet in the study of endocrine disrupting chemicals and child neurodevelopment. Kristen Lyall, ScD, Drexel University



Chronic lung disease and environmental air pollution and temperature related outcomes. Timothy Nelin, MD, Children's Hospital of Philadelphia

Role of maternal exposure to endocrine disruptors and placental injury. Yu-Chin Lien, PhD, University of Pennsylvania

Cumulative exposure to extreme weather events since infancy and development of asthma and allergies during childhood. Anneclaire De Roos, MPH, PhD, Drexel University

Zebrafish as a model of developmental susceptibility to organophosphate toxicity. Carly Clayman, PhD, Children's Hospital of Philadelphia

Pediatric climate resilience: Decoding vulnerability and crafting precision risk maps in the face of extreme temperatures. Jagadeesh Puvvula, PhD, University of Pennsylvania

Pilot testing of endocrine disrupting chemical effects on development and the brain epigenome. Erica Korb, PhD, University of Pennsylvania