



Gulf Coast Center for Precision Environmental Health (GC-CPEH) NIEHS CENTER PILOT PROJECT FUNDING AVAILABLE

PROJECTED FUNDING PERIOD April 1st, 2023 through March 31st, 2024

ELECTRONIC LETTER OF INTENT PACKAGE DUE NOVEMBER 22, 2022

The GC-CPEH, a joint initiative of Baylor College of Medicine (**BCM**) and the University of Texas Medical Branch at Galveston (**UTMB**), and The University of Texas Health Science Center at Houston (**UTHealth Houston**) announces the availability of funds to support pilot studies designed to promote precision environmental health research at the intersection of genetics/epigenetics, environmental health, and data science to understand individual and place-based determinants of disease risk. This includes the impact of climate change on human environmental health, and proposals focused on this area of research are especially encouraged. Proposals are open to all investigators from the supporting Institutions who are eligible for federal funding, and should be compatible with the GC-CPEH's mission. Successful applications will have objectives to advance environmental health research, or environmentally based community outreach and engagement. Center member privileges will be extended to non-Center members who receive pilot project funding, which include subsidies during the funding period through the Matching Funds Core Utilization Program for use of Center-sponsored Facility Cores.

The Pilot Projects are for one year with no opportunity for extension (including no cost extensions), and a budget not to exceed \$40,000. Applications from junior investigators, those proposing the use of GC-CPEH Facility Cores, and collaborative projects are especially encouraged. Involvement of collaborators from other institution(s) is permitted. An investigator may apply for only one award per grant round as PI or Co-PI.

KEYWORDS

Exposure, biomarkers; epigenomics; genomics; genome/epigenome-environment interactions; comparative biology; big data; bioinformatics; epidemiology; toxicology; public health; community health and outreach; disaster research response and climate change; microbiome; disease susceptibility.

ELECTRONIC LETTER OF INTENT PACKAGE

Your letter of intent (LOI) package must include a cover letter, a one-page summary of the research objectives (Background and Specific Aims) and PI NIH Biosketch(es). The package will be reviewed by the GC-CPEH Executive Committee for relevance to the Center's mission, and up to 12 LOIs will be invited to prepare a full application using the guidelines described below. The LOI package should be sent electronically to Tracie Prestigomo at tapresti@utmb.edu no later than 5:00 PM on November 22, 2022.

APPLICATION PREPARATION AND REVIEW INFORMATION

The GC-CPEH Internal Advisory Committee will evaluate invited Pilot Project applications using an oral review process. The applicant will be scheduled for a 15-minute oral presentation describing the research proposal, followed by 10 minutes for questions. The applicant is expected to describe the significance, innovation, approach (including the specific aims for the pilot project as well as future research objectives), present an itemized budget, and identify anticipated use of Center-supported Facility Cores if applicable. The applicant is required to submit their PowerPoint slide deck (submitted to Tracie Prestigomo) in advance of their scheduled presentation (time and date to be determined). The presentation will be conducted in-person, and every effort will be made to accommodate the applicant's schedule in choosing a time for the presentation.

FOR FURTHER INFORMATION CONTACT:

Tracie Prestigomo, Senior Administrative Manager, GC-CPEH at UTMB

E-mail: tapresti@utmb.edu Phone: 409-750-1073

