



Funded by the National Institute of
Environmental Health Sciences
NIEHS Award P30 ES006095

Membership in the Center for Environmental Genetics (CEG) is by invitation. Nominations for membership are reviewed by the CEG leadership team and evaluated by the Center's Internal Advisory Board (IAB). Nominations are rejected, deferred or accepted by consensus decision of the Board, whose members evaluate each nomination according to investigator qualifications, research trajectory, and goodness-of-fit with the Center's mission: To conduct innovative, multidisciplinary research on gene-environment interactions (GxE) and translate discoveries to disease prevention with healthier environments and community empowerment.

Full members are principal investigators (PIs) of peer-reviewed multi-year NIEHS or other EHS grants equivalent to NIH R/U/P-type grants, with research interests directly relevant to gene-environment interactions and human health. The investigator's research must have identified environmental agents and focus on genetics, genomics, epigenetics, proteomics and/or metabolomics of disease risk and outcome. Includes study of microbiota/microbiome.

Clinical members are clinicians involved in EHS research or who seek to develop collaboration with a CEG full member to promote bi-directional translational research.

Associate Member status Includes investigators with strong and directly relevant interests in GXE research and/or technical expertise or resources of value to the CEG. They must have research work with identified environmental agents. This category includes New investigators who are in the process of obtaining initial EHS funding.

Emeritus members are distinguished GxE researchers and emeritus faculty formerly associated with the CEG

Benefits of CEG membership include

- Access to and potential subsidy funding up to 10K per year (via our [Integrative Technologies Support core](#)) for use of the following:
 - Genomics & Epigenomics Sequencing Core (including genotyping) <https://med.uc.edu/eh/cores/genomics>
 - Inhalation Core (UC) <https://researchdirectory.uc.edu/facilities/41>
 - Transgenic Animal & Genome Editing <https://www.cincinnatichildrens.org/research/divisions/d/dev-biology/core>
 - Proteomics Core <https://med.uc.edu/eh/centers/ceg/integrative-technologies-support-core/proteomics-and-metabolomics-laboratory>
 - NMR-based Metabolomics Core <https://www.cincinnatichildrens.org/research/cores/metabolomics>
 - Animal Behavioral Core (CCHMC) <https://www.cincinnatichildrens.org/research/cores/animal>
 - Fernald Community cohort resources (UC) <https://med.uc.edu/eh/research/projects/fcc>
 - Pluripotent Stem Cell Facility <https://www.cincinnatichildrens.org/research/cores/pluripotent-stem-cell-facility>
 - Metallomics Core

- Bioinformatics Core (Investigators not currently funded by CEG Pilot award)
<https://med.uc.edu/depart/eh/centers/ceg/bioinformatics-core>
 - Center for Advanced Structural Biology (CASB) Cryo-EM
<https://researchdirectory.uc.edu/facilities/208>
- Invitation to CEG seminars, workshops and team-building events
 - Opportunities for mentoring and partnership with CEG investigators who are veterans in translational science and the study of Gene-Environment interactions (GxE research)
 - Opportunity to serve on internal Review and Study Section for the annual CEG Pilot Projects Program
 - Participation in our annual Research Symposium
 - Opportunity to engage with colleagues who are affiliated with fellow NIEHS-funded Environmental Health Science Core Centers (EHSCC)
 - Inclusion on CEG newsletter distribution list and opportunities to be featured on the CEG website, social media, and other promotional materials
 - Assistance with engaging community partners in the development, execution, and translation of research on persistent and emerging issues in regional environmental and public health science.

Responsibilities

- Contribute one's scientific, technical and/or administrative skills to the mission and activities of the CEG.
- Utilization of CEG core services and technologies
- Active participation in CEG seminars, workshops, research symposium, core utilization and evaluation surveys
- Contribute to the educational and service activities of the Community Engagement Core
- Acknowledge Center support in all publications, posters or other published work supported in whole or in part by CEG funding or use of CEG cores: "This work was supported by the Center for Environmental Genetics, NIEHS award P30ES006096. The contents are the sole responsibility of the author(s) and do not necessarily reflect the views of the Center for Environmental Genetics or the National Institute of Environmental Health Sciences (NIEHS)."