

POSTDOCTORAL POSITIONS

Gene-Environment Interactions Training Program (GEITP)

National Institute Environmental Health Sciences (NIEHS) training grant-funded Postdoctoral Positions are available at the University of Cincinnati, with **postdoctoral fellowship** and **graduate student** positions available in Fall 2008. Only **U.S. citizens** or **permanent residents** are eligible to apply for this NIH training program. Research training will be accomplished using a team approach—to integrate an understanding of genetic diversity, epigenetic alterations, gene-expression microarrays, high-throughput genomics, biostatistics, biomarkers, and exposure assessment approaches.

Research areas include:

Gene-environment interactions in allergic disease

Endocrine disrupting agents, hormonally dependent cancers, and epigenetic and transgenerational effects

Diet, obesity, and puberty on initiation of cancer

Gene-environment interactions in hemorrhagic stroke and intracranial aneurysm

Genetic differences in response to complex mixture exposures

Epigenome and early life exposure

Exposure assessment and biomarkers

Mentors include:

Chong Ahn, Jonathan Bernstein, Michael Borchers, Ranajit Chakraborty, Divaker Choubey, Ranjan Deka, Kim Dietrich, Gurjit Khurana Hershey, Shuk-mei Ho, Grace LeMasters, James Lockey, Mario Medvedovic, Jarek Meller, Daniel Nebert, Susan Pinney, Alvaro Puga, M.B. Rao, Tiina Reponen, Carol Rice, Glenn Talaska, Tianying Wu, and Ying Xia

The **Department of Environmental Health** is housed in an outstanding laboratory complex with access to:
Superb animal facilities

First-rate genomics/genetics, expression arrays and proteomics/metabolomics Cores

Excellent biostatistics, epidemiology, informatics, and flow cytometry facilities

A multiplicity of other service Cores throughout the College of Medicine

Opportunity to establish collaborative contacts with graduate students/postdoctoral fellows in several other training programs in the College.

Successful candidates will have the opportunity to participate in several state-of-the-art research centers, including the **Center for Environmental Genetics, NIEHS Breast Cancer & the Environmental Research Center, Center for Genome Information, Genome Research Institute, and the Barrett Cancer Center.**

Candidates for the **Postdoctoral Fellow positions** must have a Ph.D. or equivalent research degree, and must be enthusiastic about training in an interdisciplinary environment. Individuals from underrepresented groups in the biomedical sciences are encouraged to apply. Compensation is determined by NIH policies. Please submit names of three professional references, curriculum vitae, statement of research interests, and bibliography to:

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The University of Cincinnati is a premier public research university, is the region's largest employer, and has an enrollment of 36,500 students.

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