

National Advisory Council for Human Genome Research
May 20, 2019
Concept Clearance for PAR

Title: Initiative to Maximize Research Education in Genomics: Diversity Action Plan

Purpose: The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this NHGRI R25 program is to support educational activities that enhance the diversity of the biomedical, behavioral and clinical research workforce in genomics. This funding opportunity announcement seeks to expose underrepresented students at the undergraduate, post-baccalaureate and graduate levels to the foundational sciences relevant to genomics to enable them to pursue careers that span all areas of interest to NHGRI - genome sciences, genomic medicine and genomics and society.

To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on **Research Experiences** based on the foundational sciences relevant to genomics: genomic sciences (e.g. technology development, data science); genomic medicine (e.g. epidemiology, pharmacogenomics, clinical implementation); and genomics and society (e.g. bioethics, social and behavioral sciences, law, the humanities). A secondary focus is on **Courses for Skills**

Development. Complementary didactic activities are encouraged, especially those academic courses that have the potential to increase opportunities for success at the next career level. Courses are limited to those that are an integral part of the academic preparedness for a formal academic program such as GRE courses and foundational courses in the relevant science areas - genome sciences, genomic medicine and genomics and society.

New or renewal/modified initiative: Renewal of [PAR-16-345](#)

Mechanism of Support: R25