

National Advisory Council for Human Genome Research

September 2023

Concept Clearance for PAR

Research Experiences in Genomic Research for Genetic Counselors

Purpose: The National Human Genome Research Institute (NHGRI) announces the availability of funds to support genomics research experiences at domestic institutions for graduates of genetic counseling master's programs. NHGRI intends the awards to foster MS-level genetic counselors' involvement in genomic research.

Genetic counselors are increasingly working as core members of genomic medicine research teams. There is a desire among many genetic counselors to supplement the research education they received in their master's programs so that they might become more effective members of the research team, assisting with the conduct of research and contributing important additional research questions in their areas of expertise.

The research education of the participants to be supported by these awards will incorporate didactic, research, and career development elements. This FOA will support educational activities with a focus on Research Experiences. The research experiences must be based on genomic sciences; genomic medicine; and genomics and society. 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.

Participants funded under this award will be expected to attend and present their research at the [NHGRI Research Training and Career Development Annual Meeting](#).

New or renewal/modified initiative: Renewal initiative

Mechanism of Support: R25

Application Due Date(s): Once a year, May 25

Award Budget: Application budgets are limited to \$225,000 total costs per year to support as many trainees as possible based on institutional salary guidelines but no less than two.

Award Project Period: The total project period may not exceed 5 years.

Eligible Individuals (Program Director/Principal Investigator):

NHGRI encourages multiple PD(s)/PI(s), particularly when each brings a unique perspective and skill set that will enhance the research education program. The

PD(s)/PI(s) must be able to provide both administrative and scientific leadership to the development and implementation of the proposed program. At least one of the PD(s)/PI(s) should be an established investigator in areas relevant to NHGRI. Additional PD(s)/PI(s), including individuals with experience in genetic counseling, science of education, program evaluation, mentoring, and university administration may be included to achieve the program goals.

Eligible Individuals (Participants):

The participant must be a citizen or a noncitizen national of the United States or have been lawfully admitted for permanent residence at the time of appointment.

Participants should be appointed for no less than 6 months and not exceeding 24 months.