National Advisory Council for Human Genome Research
May 2021
Concept Clearance for PAR

Genomics Curriculum Development for Medical Students

Purpose: The National Human Genome Research Institute (NHGRI) announces the availability of funds to develop curricula supporting Master of Science (M.S.) degree programs in genomics, genomic medicine and/or genomic informatics. The FOA will support the development of training materials designed to be freely available, at no cost to the broader community, to enhance training of medical students to enter the genomics workforce. The programs must be self-sustaining at the end of the award period.

Understanding that genomics currently impacts and will continue to impact all fields of medicine, this FOA will support U.S. domestic medical or osteopathic schools to develop an M.S. curriculum for educating medical students (M.D. or D.O.) in genomics. This is expected to enhance the knowledge and ability of educate future physicians to apply genomics to their research and patient care. Emphasis on genomics topics of particular relevance to underserved populations and underrepresented physicians will be strongly encouraged.

NHGRI will expect that the curricula and syllabi developed with the support of this FOA be made publicly available by the beginning of the third year of the award. The materials should be provided in a shareable format that is widely available at no cost.

PD(s)/PI(s) will be expected to participate in at least one NHGRI Research Training and Career Development Annual Meeting during the term of the award. The intent is to have the grantees share their insights into developing the curriculum and present an overview of the curriculum they have developed. Once the curriculum has been developed and made available, links to these educational resources will be posted on the NHGRI website.

New or renewal/modified initiative: New initiative

Mechanism of Support: R25, Curriculum Development

Application Due Date(s): May

Award Budget: Application budgets are limited to $150,000 directs costs/yr. Propose funding 3 awards for a total cost of approximately $500,000/yr for 3 yrs, $1,500,000 total.

Award Project Period: The total project period may not exceed 3 years. Applications will be non-renewable. It is expected that the curriculum will be developed, piloted, and disseminated within the first two years of the award; budgets may be awarded for up to three years to allow module evaluation and module modification/maintenance in year three.

Participants: Applications from institutions serving underrepresented students will be considered programmatic priorities.

Budget: Salary**,** consultant costs, travel for key persons, and other program-related expenses may be included in the proposed budget.

Support for students enrolled in the program is not allowed.

Indirect Costs are reimbursed at 8% of modified total direct costs.