Human Genome Sequencing Center
Baylor College of Medicine

PRE-GRADUATE TRAINING EDUCATION PROGRAM

The Human Genome Sequencing Center (HGSC) - Pre-Graduate Education Training (PGET) Program promotes the advancement of underrepresented (UR) minorities training in the genomic sciences. The goal of the HGSC's program is to provide training and support to gain admission into graduate school with the expectation that participants will successfully complete STEM Ph.D. programs in the field of genomics/bioinformatics.

The Pre-Graduate Training Education Program will financially support URs who are interested in applying to Ph.D. programs in the genomic sciences (bioinformatics, biology, chemistry, physics, math, engineering, computer science, public health). HGSC-PGET will also provide training to current BCM employees. The program will offer training opportunities to strengthen the participant's background to increase competitiveness to successfully enter a graduate program. The HGSC-Diversity Initiative Selection Committee will choose post-baccalaureates to train for one year to accomplish these goals.

PROGRAM REQUIREMENTS

All Participants Must Meet the Following Requirements:

- MEMBER OF THE FOLLOWING UNDERREPRESENTED GROUPS: AFRICAN AMERICAN, HISPANIC AMERICAN, NATIVE AMERICAN, AND Other PACIFIC ISLANDER; ECONOMICALLY DISADVANTAGED; OR PERSONS With DISABILITIES
- HAVE EARNED STEM BACHELOR'S DEGREE (3.25+ GPA; if below-must talk with program director before submitting an application); or MUST BE A CURRENT BCM EMPLOYEE **AND** RECENT COLLEGE GRADUATE ((need approval from laboratory PI)
- Interest in Ph.D.; M.D./Ph.D.; M.D. (must be able to explain how research is included in medical career; demonstrate dedication to research as a career; and must have program director's approval before submitting an application)

PROGRAM SUMMARY

The Program Provides The Following:

- GRE PREP COURSE
- SALARY FOR RECENT COLLEGE GRADUATES (NON-HGSC or BCM EMPLOYEES)
- FINANCIAL SUPPORT FOR MATH, SCIENCE, OR COMPUTER SCIENCE COURSES AT LOCAL UNIVERSITIES
- PROGRAM MENTOR; EXPOSURE TO MINORITY SCIENTISTS
- MOLECULAR/CELL BIOLOGY COURSE; RESEARCH DESIGN COURSE
- BIOINFORMATICS BOOTCAMP COURSE
- RESPONSIBLE CONDUCT OF RESEARCH COURSE
- WEEKLY GROUP MEETINGS/BROWN BAG SERIES
- ASSISTANCE WITH GRADUTE SCHOOL PREPARATION
- PRESENT POSTER AT NATIONAL RESEARCH CONFERENCE

APPLICATION INSTRUCTIONS
PRE-GRADUATE EDUCATION TRAINING PROGRAM
HUMAN GENOME SEQUENCING CENTER

General Instructions

Complete all sections and fill in requested information.

Academic Information

Calculate your grade point average for each category. Convert letter grades to numbers using the following system: A = 4, B = 3, C = 2, D = 1, and F = 0. For each letter grade, multiply the point value for that grade by the number of credit hours for the course; this equals the grade point for that course. Add up the total grade points. Add up the total number of credits. To calculate the average GPA, divide the total grade points by the total number of credits. Include all courses from each college attended to give an accurate GPA for all college work.

Academic Institutions Attended

List in chronological order all colleges and universities attended. Include the date you began and the date of the last semester you attended that institution. If you have not received a degree from that institution, please indicate the date you plan to graduate (if you are still attending the institution). If you attended a summer program at the institution, please indicate by placing an **"S"** in the Degree Awarded column. Submit unofficial transcript with application until the official one arrives. **Please mail an official transcript to Dr. Murray/Human Genome Sequencing Center/Baylor College of Medicine/One Baylor Plaza MS 226/Houston, TX 77030**.

Standardized Test

If you have taken the GRE (or MCAT) in the past three years, please provide the scores for this exam. An official copy of the score report is **not** necessary for the application (include a copy).

Letters of Recommendation

Please give the enclosed form to your current PI or manager and one to a former professor to complete. Letters of recommendation and this form must be emailed to Dr. Murray by the recommender.

Career Goals

Provide a one-page type written personal statement that would explain your exposure to science, research experience, and future goals.

Deadline

Please submit completed application by September 30th to Dr. Debra Murray/Human Genome Sequencing Center/Baylor College of Medicine/One Baylor Plaza N1519, MS 266/Houston, TX 77030. Email: ddm@bcm.edu. Phone: (713) 798-8083.