

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 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 they will successfully complete STEM Ph.D. programs in the field of genomics/bioinformatics.

The Pre-Graduate Training Education Program will support employees who are interested in applying to Ph.D. programs in the genomic sciences (bioinformatics, biology, chemistry, physics, math, engineering, computer science, public health). The program will offer various opportunities to strengthen the participant's background in order to increase their ability to successfully enter a graduate program. A 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 PACIFIC ISLANDER; ECONOMICALLY DISADVANTAGED; OR DISABLED PERSONS
- HAVE EARNED STEM BACHELOR'S DEGREE (3.25+ GPA; if below-must talk with program director before submitting an application)
- MUST BE A CURRENT BCM EMPLOYEE **AND** RECENT COLLEGE GRADUATE

PROGRAM SUMMARY

The Program Provides The Following:

- GRE PREP COURSE
- FINANCIAL SUPPORT FOR MATH, SCIENCE, OR COMPUTER SCIENCE COURSES AT LOCAL UNIVERSITIES
- PROGRAM MENTOR; EXPOSURE TO MINORITY SCIENTISTS
- MOLECULAR/CELL BIOLOGY COURSE
- BIOINFORMATICS BOOTCAMP COURSE
- RESPONSIBLE CONDUCT OF RESEARCH COURSE
- WEEKLY GROUP MEETINGS/BROWN BAG SERIES
- ASSISTANCE WITH GRADUTE SCHOOL PREPARATION
- PRESENT POSTER AT RESEARCH CONFERENCE

CONTACT: DEBRA MURRAY, Ph.D. @ (713) 798-8083/email (ddm@bcm.edu)

Revised 1/2018



Pre-Graduate Education Program
Current BCM Employee Application

**APPLICATION INSTRUCTIONS
PRE-GRADUATE EDUCATION TRAINING PROGRAM
HUMAN GENOME SEQUENCING CENTER
BAYLOR COLLEGE OF MEDICINE**

General Instructions

Complete all sections and fill in requested information as completely as you can.

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 get the average GPA, divide the total grade points by the total number of credits. Include all courses from every 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. **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.

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 in a sealed, signed envelope and included in your application package or 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 **May 4, 2018** to Dr. Debra Murray/Human Genome Sequencing Center/Baylor College of Medicine/One Baylor Plaza N1519, MS 266/Houston, TX 77030.



**Human Genome Sequencing Center
Pre-Graduate Education Training Program
Application Form
Spring 2018**

Personal Data

Name: _____
Last Name First Middle

Social Security Number: _____ Date of Birth: _____

Place of Birth: _____
City State/County

Present Address: _____
Number and Street Name Apt or Bldg. No.

City State Zip Code

Permanent Address: _____
Number and Street Name Apt or Bldg. No.

City State Zip Code

Telephone: _____
Permanent Cell Lab No.

Email address _____
(work and personal)

Sex:
 Male
 Female

Citizenship: _____; Permanent Resident Yes ___ No ___
If not U.S., visa type _____

Diversity Group: Do you consider yourself a member of an underrepresented group?
 Yes If yes, which group? _____
 No

Academic Institutions Attended: Please submit **official** transcripts from **all** colleges attended.

Institution	Location City/State	Dates Attended From-To (Month/Year)	Field of Study	Degree Awarded

Academic Information: Please calculate your GPA and provide the following information for all undergraduate and graduate course work.

	<u>Undergraduate</u>		<u>Graduate</u>	
	GPA	Credit Hours	GPA	Credit Hours
Science				
Non-Science				
Overall				

Standardized Tests: If you have taken the GRE or MCAT, please provide an unofficial copy of those scores.

Research and Training Experience: Please list any medical or research training programs (include dates, institution, name of program).

List Awards, Honors, Scholarships, Fellowships (include dates):

BCM/Human Genome Sequencing Center Employment History:

How long have you been employed at the HGSC or BCM? _____

What division/department do you work in? _____

Who is your senior manager or PI? _____

Letters of Recommendation: Two letters of recommendation will be accepted from your current HGSC senior manager or PI and one from a college professor. Please have recommenders complete the form below **along with** a written letter.

Reference 1: _____
Name University

Department Address

City State Zip Telephone email

Reference 2: _____
Name University

Department Address

City State Zip Telephone email

Career Goals: Please provide a one-page statement that addresses the following questions (include any obstacles you had to overcome in preparation for your future plans).

Why are you interested in pursuing an advanced degree?
Include any interest in programming/coding, bioinformatics etc.
How has your HGSC or BCM experience shaped your future plans?

Certification:

“I certify that the information submitted in this application is complete and true to the best of my knowledge.”

Signature Date

Applicant Evaluation Form

Applicant's Full Name: _____

Applicant's Social Security Number: _____

College / University: _____

Evaluator: _____ Phone: _____

Evaluator's Signature: _____

How long have you known the applicant? _____

In what capacity? _____

Please rate the applicant in all categories. Place an (X) in the field that best describes the applicant's characteristics.

Characteristic	Outstanding	Excellent	Good	Average	Below Average
Desire to learn					
Curiosity					
Creativity					
Hard working					
Perseverance					
Ability to adapt to new situations					
Interpersonal skills					
Analytical problem solving					
Scientific knowledge					
Technical expertise					

Please **include a letter of recommendation** that provides any information you feel would be helpful in assessing the applicant's placement in the Pre-Graduate Education Program, including obstacles the applicant has overcome. Return this form with the letter of recommendation to:

Pre-Graduate Education Training Program
Human Genome Sequencing Center
Baylor College of Medicine
One Baylor Plaza, N1519, MS 266
Houston, TX 77030
ddm@bcm.edu

Attn: Debra Murray, Ph.D.