

# 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 financially 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)

#### ***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
- 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 Training Program  
College Graduate Only 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: \_\_\_\_\_

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).

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

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**Letters of Recommendation:** Two letters of recommendation will be accepted from your college professors, or if you had research experience, one must be from a research mentor. 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 have had to overcome in your 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 research experience shaped your future plans (if applicable)?

Certification:

“I certify that the information submitted in this application is complete and correct 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.**