

Howard Hughes Medical Institute Undergraduate Research Training Program

University of Miami Office of Undergraduate Research & Community Outreach

Program Information

A large part of what a scientist does is design and carry out their own research program. Too often an undergraduate science major well-suited to carrying out research is discouraged by the heavy, and often seemingly irrelevant, course work. To remedy this, the Department of Biology at the University of Miami offers an **Undergraduate Research Training Program** funded by The Howard Hughes Medical Institute (HHMI). The objective is to expose students to research, let them enjoy the discovery of scientific inquiry, while they study the fundamentals of science. The long-term goal of the HHMI program is to encourage students from the underrepresented minorities to enter research careers in the biomedical sciences.

We also offer a **Teacher-Scholar Training Program** for Education Majors. The teacher scholars will receive the same financial support as research scholars and participate in Hughes-supported outreach activities with Miami-Dade County Public Schools (M-DCPS) students and teachers. All of our scholars will take special courses together and pursue research guided by faculty mentors.

Eligibility

- Program is open to underrepresented minority graduating high school senior
- Top 1% of graduating class and/or SAT score of 1300
- Resident of Miami-Dade or Broward County

HHMI Program Responsibilities

Students selected to participate in this training program must fulfill the following requirements in order to receive an annual tuition scholarship and book allowance:

- Students must be classified as a full-time student (minimum 12 credits each semester)
- Students must major in Biology
- Students are required to apply yearly for federal, state, and institutional financial aid.
- Students MUST maintain a 3.0 cumulative GPA
- Students are required to enroll in special research seminars each semester during their first two years at UM
- Students are required to do a minimum of two semesters of research with a faculty mentor in a UM research lab during their junior and senior years.
- Students are required to write an honor's thesis based on their research project at the end of their senior year.
- Students must complete four years at the UM and earn a B.S. degree in Biology.

Please check one of the following:

- HHMI Research-Scholar Program
- HHMI Teacher-Scholar Program

UNIVERSITY OF MIAMI
HOWARD HUGHES MEDICAL INSTITUTE
SCHOLARSHIP PROGRAM
Application Form

Student Name: _____ Date of Birth ____/____/____

Student Address: _____

City: _____ State: _____ Zip Code: _____

Telephone Number: () _____ Social Security Number _____

Ethnicity: _____ U.S. Citizen: Yes _____ No _____

Permanent Resident: Yes _____ No _____ If Yes, give alien registration # _____

High School: _____

S.A.T. Score: _____ Weighted G.P.A.: _____ Unweighted G.P.A.: _____

Anticipated Graduation Date: _____ GPA Certification _____
High School Counselor Signature

Parent's Name: _____

City & State: _____ Zip Code _____

Please write a brief essay addressing the following questions:

1. What are your career goals?
2. Why are you interested in this program?

Each applicant needs to submit:

1. At least two letters of recommendation (one must be from a high school teacher or counselor).
2. A copy of your high school transcript.

DEADLINE: POSTMARKED BY APRIL 23, 2006

THIS SCHOLARSHIP IS DESIGNED TO SUPPLEMENT THE FINANCIAL AID THAT YOU RECEIVE (FEDERAL, STATE, AND LOCAL INCLUDING AID FROM THE UNIVERSITY OF MIAMI).

Please mail the completed application form & other required documents to:

Dr. Michael S. Gaines
 Senior Associate Dean, Undergraduate Research & Community Outreach
 University of Miami, P.O. Box #248277
 Coral Gables, FL 33124-0480
 (305) 284-5058