



Bridge to the Baccalaureate Program

Miami Dade College / University of Miami
National Institutes of Health / Howard Hughes Medical Institute

Application Deadline is May 1st

UNIVERSITY
OF MIAMI



HHMI
HOWARD HUGHES MEDICAL INSTITUTE

Part 1 - Please print information requested

Last Name		First Name		MDC Student Number	
Mailing Address			City	State	Zip Code
Home Phone Number	Alternate Phone Number	E-mail Address			
Parent Name	Parent Address		City	State	Zip Code

High School Name		High School Address		City	State	Zip Code
Highest Level Math Completed/Grade Earned (Designate if Honors, AP or Advanced)		Algebra II Grade Earned (Designate if Honors, AP or Advanced)		Chemistry Grade Earned (Designate if Honors, AP or Advanced)		
SAT Combined _____ Reading _____ Math _____	ACT Composite _____ English _____ Math _____ Reading _____	CPT Reading _____ Writing _____ Algebra _____ CLM _____	HS GPA Weighted _____ Un-weighted _____	HS Counselor's Signature for GPA Certification		High School Graduation Date

Ethnicity <input type="checkbox"/> Black <input type="checkbox"/> Hispanic <input type="checkbox"/> Pacific Islander <input type="checkbox"/> Native American	U.S. Citizen <input type="checkbox"/> Yes <input type="checkbox"/> No	Permanent Resident <input type="checkbox"/> Yes <input type="checkbox"/> No
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MDC Campus Planning to Attend <input type="checkbox"/> InterAmerican <input type="checkbox"/> Kendall <input type="checkbox"/> North <input type="checkbox"/> Wolfson

Part 2 - Please answer each of the following questions with a short paragraph on a separate page

1. What got you interested in science?
2. What have been your favorite sciences classes and why?
3. Did you do research in high school? If so, what did you like best about it?
4. If you haven't done research before, what makes you think you will like it?
5. What makes you feel that you want a career as a scientist?
6. How do you see research fitting into your profession 10 years from now?

Part 3 - Please submit the following with this application form

- a) Two letters of recommendation (one must be from a high school teacher or counselor).
- b) A copy of your high school transcript.

Mail completed application to Miami Dade College

InterAmerican Campus

Jennifer Bravo
627 SW 27th Avenue
Miami, FL 33135
305-237-6910

Kendall Campus

Loretta Adoghe
11011 SW 104th Street
Miami, FL 33176
305-237-2429

North Campus

Sandra Martinez
11380 NW 27th Avenue
Miami, FL 33167
305-237-1107

Wolfson Campus

Virginia Fuillerat
300 NE 2nd Avenue
Miami, FL 33132
305-237-7353



Bridge to the Baccalaureate Program



*Partnership between: Miami Dade College and University of Miami
Sponsored by: National Institute of General Medical Sciences and Howard Hughes Medical Institute*

The University of Miami (UM) and Miami Dade College (MDC) have collaborated on the Bridge to the Baccalaureate Program since 1994. The long-term goal of the program is to encourage students from **underrepresented groups in the sciences to pursue PhDs in the biomedical sciences**. It is designed to facilitate their transition into the biomedical sciences at UM. It is NOT a pre-medical program.

The Bridge Program is funded and supported by the National Institute of General Medical Sciences (NIGMS) and the Howard Hughes Medical Institute (HHMI). The key components of the Bridge Program are: Research Experiences, Faculty Mentoring, Special Courses, and Travel to National Science Meetings.

Student Benefits

Through the Bridge Program students will receive college credit for courses taken at UM while at MDC, be paid for the time that they spend doing research in a UM lab, participate in seminars, and present at a national science meeting. Students who successfully complete the Bridge Program and decide to transfer to UM have the opportunity to become HHMI scholars and/or Initiative for Maximizing Student Development (IMSD) scholars. As HHMI and/or IMSD scholars, students will receive paid research experiences.

Who Is Eligible To Apply

Applicants must be U.S. Citizens or permanent residents and members of an underrepresented group in the sciences.

PROGRAM REQUIREMENTS

- Students must attend the High School/MDC transition course at UM the summer before enrolling at MDC. This chemistry course is a UM credit course.
- Students must attend the Emerging Scholars General Chemistry Workshop at UM during the fall and spring semester of the first year. This is a UM credit course.
- In their first year, students are required to attend three Family Science Sundays at UM with at least one parent or guardian. A UM faculty member leads a research project in which bridge students and their families participate.
- Students must take a biotechnology course and a research ethics course at the MDC North Campus in the summer after the first year.
- Students must take a special HHMI research-based introductory biology lab at UM in the spring semester of the first year and in the fall semester of the second year, which will substitute for the MDC biology labs. Students will get credit for the course at MDC.
- Before graduating from MDC with an AA degree, students are required to conduct 400 hours of research in a UM lab during the summer after their first year. In their second year at MDC, students are required to conduct research for two semesters in a UM lab.
- Students are required to submit a written scientific paper based on the summer research experience and present the findings at a UM symposium at the end of summer. At the end of the spring semester, students are required to submit a paper on the research they conducted in the second year and present their research at a UM symposium.
- Students are required to present a poster of their research at a national meeting in their second year.
- Students must maintain a minimum 3.5 GPA while in the program.
- Students who successfully complete the program and decide to transfer to UM must take a genetics course and Emerging Scholars Genetics Workshop at UM during the summer after the second year. This is a UM credit course.

THE PARTNERS

Miami Dade College is a two-year state supported community college with eight campuses and numerous outreach centers. It's one of the largest community colleges in the country and it is also one of the best. Founded in 1926, the University of Miami is the largest private research institution in the southern United States. UM has become a model of excellence in the recruitment, education and graduation students in underrepresented groups in the biomedical sciences.

HOW TO APPLY

The student must complete the application; submit an updated high school transcript, and two letters of recommendation from high school teachers and/or counselor. Applications should be submitted to The Honors College Director on the campus to which the student plans to attend.

Miami Dade College Jennifer Bravo (305) 237-6910 InterAmerican Campus	Miami Dade College Loretta Adoghe (305) 237-2148 Kendall Campus	Miami Dade College Sandra Martinez (305) 237-1107 North Campus	Miami Dade College Virginia Fullerat (305) 237-7353 Wolfson Campus	University of Miami Dr. Michael Gaines (305) 284-5058
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