



Meharry Medical College Center of Excellence

Bachelor of Science/Doctor of Medicine (BS/MD) Program

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BS/MD Program

- Component of the Meharry Medical College Center of Excellence
- Supported by Health Resources and Services Administration (HRSA) Grant #D34HP162
- Program in existence since 2004



Purpose

- To increase the number of culturally competent African American physicians serving the medically underserved populations as well as assist with alleviating health care disparities



Historically Black Colleges and Universities

- Alabama A&M University
- Albany State University
- Alcorn State University
- Fisk University
- Grambling State University
- Hampton University
- Jackson State University
- Southern University
- Tennessee State University
- Virginia Union University




BS/MD Program

- Each institution selects a site coordinator who serves as the liaison between the students and the BS/MD Program office
- The site coordinator recommends students to participate in the program
- Final selection is made by the program director and coordinator



Admission Criteria:

- Have a minimum 3.25 GPA
- Complete an application
- Write an essay
- Submit two letters of recommendation



Meharry Medical College, School of Medicine (MMC/SOM) will provide:

- A letter of acceptance for students in the program
- Conditional acceptance into MMC/SOM upon successful completion of the program
- A six-week summer academic enrichment program
- Instructors for courses offered, classroom space and educational materials



MMC/SOM Cont'd

- Stipends for BS/MD participants during the summer program
- Reimbursement of round-trip travel expenses
- Arrangements for housing accommodations
- Criteria required for completion of program and transitioning into medical school



BS/MD participants will:

- Sign an agreement with MMC/SOM
- Attend the full program consisting of six weeks each summer throughout the undergraduate years
- Maintain and graduate with a minimum 3.25 overall and science grade-point average
- Pass all college/university science courses must be passed with a minimum grade of "C" or better
- Provide a copy of transcript at the end of each semester to the COE office



Classes

Year 01

- Cellular and Molecular Biology
- Health Professions Terminology
- Organic Chemistry
- Trigonometry
- Seminar
- Logic
- Basic Life Support (BLS) Course



Year 02

- Anatomy & Physiology
- Behavioral Sciences
- Microbiology
- Physics
- Verbal Reasoning/Critical Thinking
- Seminars



Year 03

- MCAT Review Course
- Seminars
 - Admissions Process
 - Financial Aid
 - Writing Your Personal Statement
 - Preparing for Medical School Interview
 - Session with medical students
 - The First-year curriculum



BS/MD Student Enrollment 2017-2018

- SOM – 17
 - MS1 – 5
 - MS2 – 6
 - MS3 – 3
 - MS4 – 3
- Graduates May 2017
 - SOM – 2
 - SOD – 1

2014 – 2016 Program Completers

Post Program Status	2014 (31)	2015 (30)	2016 (30)
Medical School (entered or accepted)	8 (1)	5	2
Dental School	1	0	0
Pharmacy School (entered or accepted)	1	2 (1)	1(1)
PhD Program (Psychology/Chemistry)	1	0	1
Nursing	2	0	0
Chiropractic School	0	1	0
Master's/Post-Bac	7	6	7
BSN	0	1	0
MPH (accepted)	0	0	1
Working Healthcare/Lab/Science	0	3	5
DO School (awaiting response)	0	0	1

2014 – 2016 Program Completers

Post Program Status	2014 (31)	2015 (30)	2016 (30)
Law School	0	0	1
Working	2	1	2
Considering Options	0	3	4
No Response	8	7	4



Conclusions

- Strengths

- Students are pursuing careers in the health professions (Medicine, Dentistry, Physician Assistant, Pharmacy, Nursing, Public Health)

- Challenges

- Students continue to have difficulty with MCAT examination
- Gaps in students' science education
- Need for more male students
- Tracking of students through the use of consistent approaches

DR. GEORGETTA BUNDLEY

“Humans are not born on this planet to help themselves, but to help each other.”



Dr. Georgetta Bundley grew up in Chicago, IL. As a child she had a profound interest in the human body and how it could tell a person's life story. Thus, began her quest to become a medical doctor.



Education/Training

- Earned a Bachelor of Science in Biology and Art, Fisk University, Nashville, TN; May 2014
- Candidate, Doctor of Medicine, Meharry Medical College (MMC), School Of Medicine (SOM) Nashville, TN; May 2018
- Family Medicine Residency Program, St. Vincent's Medical Center-Riverside, Jacksonville, FL; June 2018

Centers of Excellence

- Participated in BS/MD Summer Enrichment Program
- Participated in science classes designed to strengthen academic foundation and prepare for medical school
- Throughout medical school matriculation served as a mentor/counselor for the BS/MD program
- During summer 2018, will teach Health Professions Terminology in the BS/MD program

Service

- Facilitated interactive learning session about the Zika virus and its effects on pregnancy for middle school students as part of IMPACT4Health Program hosted at Meharry
- Participated in the inaugural Inter-Professional Student Leaders Summit, "Health Equity and Disparities: The Role of Future Leaders," which was designed to strengthen the health leadership pipeline by identifying and training ethnically and racially diverse student leaders for career leadership roles that will be transformational and positively influence systemic change



Meharry Medical College
SOM COE data provided from
July 1, 2015 and June 31, 2018

HRSA'S CENTERS OF EXCELLENCE (COE): Retain, train and retain Underrepresented minority (URM) students and faculty at health professional school

277
African American/Black students recruited and enrolled in the SOM at MMC

277
African American/Black graduates account for 80% of graduates during this period

208
African American/Black graduates are working in HPSAs/MUC



Meharry Medical College is one of four Historically Black Colleges and Universities (HBCUs) that are specifically designated in statute to receive Centers of Excellence (COE) Program awards under Public Health Service Act (PHSA) section 736(c)(2). Meharry Medical College was founded in 1876 to fill a void in a health care system that excluded thousands of poor, uneducated, recently freed homeless slaves who were suffering from diseases that were preventable or curable. Today, the MMC SOM COE continues to contribute significantly to the African American physician workforce serving in HPSAs/MUCs. This COE addresses the need to recruit and train more AA students interested in medicine, while recruiting and retaining African American faculty, who are academically involved in innovative medical education and teaching.
Grant Number: D34HP16299

Questions

