

REACH  
EACH

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TEAM



## The “B.E.S.T. Future Healthcare” Program:

Medical Exposure and Youth Mentoring Program for High School Students

### **Program Director/Coordinator:**

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## **About Us:**

### **Mission:**

To introduce minority senior high school students, who are currently enrolled in science and technology based curricula, and who have expressed a strong interest in pursuing a career in the field of medicine, to various medical specialties through interaction with Morehouse School of Medicine and Emory University School of Medicine students, residents, and faculty both in the classroom and personnel in the Grady Memorial Hospital settings, and to provide opportunities for long-term mentoring relationships.

### **History:**

The ROEO Youth Medical Mentoring Program (YMMP) is designed to provide Medical Exposure and Youth Mentoring for High School Students from underrepresented backgrounds. The program derived from the past high school medical exposure program, the DAMMP program. The DAMMP program was created in an effort to introduce interested under-represented students to careers in the medical field. Ms. Debra Pearson, a educator with the City of Atlanta, collaborated with the MSM Surgery Resident Mustafa Davis, MD to create the Douglass And Morehouse Medical Mentoring Program (D.A.M.M.P) in 2006.

The ROEO YMMP program will attempt to build on the great legacy founded by DAMMP. Features of ROEO YMMP additional to those of the DAMMP program will include but not be limited to: student interaction with patients according to Grady Guidelines and regulations, education on matriculation in college and medical school, facilitation of acquiring mentors in medicine, and institutionalization into MSM and Emory MD Learning Communities to ensure annual sustainment.

### **Objectives:**

- 1) Interaction with physicians, medical students, hospital faculty, and mentors to assist a pursuit in a career in medicine.
- 2) Exposure to various medical specialties, medical technology, and trauma care with an emphasis on violence & injury prevention.
- 3) Education on how to matriculate through Medical School and Undergraduate College.
- 4) Spark interest in a career in medicine for socioeconomically disadvantaged students
- 5) Help students determine if they would like to or not like to pursue a career in medicine.

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## **Selection Process:** 2013-2014

- Students will be selected from selected Metropolitan Atlanta High Schools. The selection process will be conducted by the above-named institutions along with ROEO YMMP program coordinators. All selections must approved by the YMMP program coordinators.
  - Selections will consist of an application process to include a letter of interest/or short essay written by the potential participant, academic standing, and personal interviews with the High School Liaisons.
  - Your high school will be granted five (5) participant slots.
- Qualifications for participation
- Students must be In the 11th or 12th grade of high school
  - Students must have photo identification including a social security number.
  - The students must have a negative TB (tuberculosis) skin test result within 30 days of starting, administered at their respective schools and read during orientation.
    - Students must attend the orientation session on the 1<sup>st</sup> Monday of the program to have their PPDs read or be ineligible
    - If a student should have a positive TB skin test, then they must have proof of a negative chest x-ray for active disease.
  - Students must also provide documentation of MMR (measles, mumps, rubella) vaccinations
  - Students must have their parent or guardian sign a parental consent form.
  - Students may not miss more than 1 day with an excused absence or forfeit their spot (unless previously arranged prior to the beginning of the program).
    - Students may not miss any days unexcused, or they will forfeit their spot.

### **Contacts: Institutional Liasons**

- Morehouse School of Medicine:
- Faculty Sponsors:
    - Dr. Omar Danner, MSM Dept. Of Surgery  
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- Emory University School of Medicine
- Faculty Sponsors:
    - Adetolu Oyewo, MD, Emory Dep. of Emergency Medicine – [adetolu.oyewo@emory.edu](mailto:adetolu.oyewo@emory.edu)
    - Emory Resident Liaison Coordinator:
      - Juron Foreman, MD  
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- Grady Health Systems:
- Emma Harrington, Injury Prevention
    - [efrank@gmh.edu](mailto:efrank@gmh.edu)
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**Program Curriculum:** Mondays from 8:30 a.m.-12:30 p.m. noon for 9 to 10 weeks

❖ The Medical School Experience/Orientation:

- Overview:
  - Orientation:
    - Students will have PPDs read by Nurse N.Rucker, will cover all HIPAA related requirements, and Grady/Morehouse/Emory rules and regulations.
  - All students will travel to the medical schools, where they will tour the campuses, meet with a Liaison for the Students, interact with medical students, and learn about their experience and perspective as medical school students.

❖ The Grady Memorial Hospital Experience:

- Overview:
  - Students will attend Grady Memorial hospital for 8 to 10 consecutive Mondays between September and November/December 2013, to participate in 3 ½ hour “mini-courses” and/or clinical rounds designed to expose them to various aspects of the healthcare field.
  - Students will rotate to a different medical service on each day of attendance. The four rotations will include: Internal Medicine (obesity epidemic and its effects on minority populations), Obstetrics and Gynecology/Pediatrics (unplanned pregnancy and STI prevention), Neurology (Risks factors and early warning signs for Stroke and Traumatic Brain Injury), Emergency Medicine (intimate partner violence and domestic abuse), Orthopedic surgery, and Morehouse Surgery (the consequences of teen violence), and Emory Surgery (General/Trauma Surgical Service).
  - Students will be broken into 6 groups of 8 to 10 participants, and will be assigned to a different department on each day of their medical rotations experience.
    - Some specialties may further stratify these groups to enhance the experience. Age-appropriate practical applications, or "life lessons," will accompany each session.
  - Students will break for lunch at approximately 11:30 a.m. to 12:30 p.m. and then be escorted to the front of the hospital for pick up and return to the high schools.

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➤ Rotation Experiences' Details:

- Internal Medicine-
  - Student group will be stratified into 2 or 3 smaller groups to join the medicine teams on rounds as an observer. The group of three to five students will then meet together after rounds to have a discussion with an available senior resident about their experience and ask questions about the specialty, as well as discuss "The Obesity Epidemic, and health risk factors," with the resident and/or attending, and learn ways they can live healthier lifestyles.
- Obstetrics and Gynecology/Pediatrics-
  - Students will receive a brief overview of the specialty and women's reproductive health. There will be hands-on experience with pelvic and breast models, as well as a mock delivery model. The group will be stratified into pairs that will observe a medical student or junior resident on the labor floor as some travel over to view the nursery and observe a newborn physical exam. The group will reconvene to discuss their practical application, "Prevention of Teen Pregnancy and Sexually Transmitted Infections."
- Neurology-
  - Students will visit the department of neuroscience where they will view various imaging studies and observe the techniques used by the Neuro-Intensivists to treat patients with strokes and other neurologic diseases. The residents, fellows and staff will discuss early recognition of the signs of stroke & traumatic brain injuries secondary to accidents or violence related injury.
- Radiology Review/Practical Lab-
  - Students will be presented a typical case scenario, review x-rays and CAT scans with one of the surgical team members. They will view various imaging studies and observe the techniques used for diagnostic imaging and evaluation. The group will then have a hands-on practical lab.
- Surgery- MSM, Emory Trauma Surgery, and Emory Orthopedic Surgery
  - Students will receive a brief overview of the wide variety of surgical subspecialties, including trauma, orthopedics, general, etc. The group will reconvene in the 7B conference room to discuss their practical application "The Consequence of Youth Violence" and list ways to diffuse violent situations.
- Emergency Medicine-
  - Student groups will join the ED teams on rounds as an observer. The group of 8 to 10 students will then meet together after rounds to have a discussion with an available senior resident about their experience and ask questions about the specialty. The group will then discuss their practical application.

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## Graduation-

### ➤ Overview:

- All students will participate in the "graduation" ceremony together. The 2013 ceremony will take place at the Grady Auditorium. All students will receive a certificate of completion, and may choose to request an ongoing one-on-one mentoring relationship with an MSM or Emory medical student and/or resident.

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