

## **Health Sciences Scholar Institute (HSSI)**

### **July 6- July 31, 2015**



Michigan State University College of Human Medicine **Health Science Scholar Institute (HSSI)** has two components, the monthly 2015-2016 Academic School Year Saturday Academy and the four week non-residential Summer Institute.

#### **Audience**

Participants must meet the following criteria:

- Current 10<sup>th</sup> or 11<sup>th</sup> grader
- Minimum 3.0 GPA
- U.S. citizen or permanent resident
- Interest in becoming a physician
- Underrepresented Minority in medicine (URM)

The program had a target goal of enrolling forty-five students from the Flint, Grand Rapids and Greater Lansing communities. There were 40 females and 17 males enrolled.

Actual enrollment for summer 2015 was 57 URM students.

- The Lansing site on the MSU campus had seventeen students.
- The Grand Rapids site at the MSU College of Human Medicine Secchia Center had twenty students.
- The Flint site at the MSU College of Human Medicine campus had twenty students.

#### **Funding**

The HSSI program is a federally funded component of the Center of Excellence for Diversity in Medical Education at Michigan State University College of Human Medicine.

#### **Objectives**

This Health Resources and Services Administration program (HRSA) is designed to ensure diversity and quality in medical education.

The HSSI program is designed to meet the objective set forth by the U.S. Department of Health and Human Services, Healthy People 2020 Adolescents Health Objectives. A programmatic goal is for the program participants to gain awareness of the importance of overall adolescent health and improve the healthy development, health, safety, well-being of adolescents and young adults. HSSI exposes students to the world of medicine and the journey of becoming a physician.

#### **Contact Information**

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#### **Description**

The Health Science Scholar Institute (HSSI) is an intense four-week structured summer enrichment program. HSSI uses a problem based learning curriculum designed to enrich the participant's skills in math, science and language arts. The focus is to enhance the participant's academic performance, exposure to the health professions, and develop the participant's cultural competence and technology skills. HSSI uses web-based practice programs as part of the SAT preparation. All participants have an opportunity to research a health related topic as part of the group project. Research findings are presented at the program closing.

The HSSI team included physicians, medical students, health care professionals, and undergraduates pursuing medical careers. At the individual community level, staff for each site included a site coordinator, program facilitator, and program assistants. The diverse backgrounds of the team provided a unique experience for the program participants.

Participants in the program were exposed to:

- Hands-on experience with clinical skills and science enrichment medical case studies daily
- SAT preparation courses
- Presentations from MSU and CHM admissions offices provided preparatory support for college entry
- Exposure to Medicine in the Arts, which allowed participants to explore health issues and to understand diversity in society. HSSI students participated in BioTrust collaborative research, sponsored by the National Institute of Health (NIH)
- Weekly roundtables featuring presentations that allowed participants an opportunity to interact with physicians in various specialties