

Montclair High School Science Opportunities

Presented to the Montclair Board of Education

June 20, 2022

Weston Health Internship Program(WHIP)

New for 2022

Program Description: Students selected will spend three(3) weeks shadowing doctors and hospital administrators at Hackensack Meridian Mountainside Medical Center

Areas of concentration included: Emergency Room, Physical Therapy, Lab and Pathology, Radiology, Respiratory Therapy, Administration and Oncology

5 students have been selected to participate

July 11 to July 29, 2022

8:00 AM to 4:00 PM

Weston Science Scholars Program(WSSP) Pre-College Scientific Research Program

First Cohort began in 2000

Approximately 40 scholars will spend 5 weeks daily on the campus of Montclair State University.

Scholars conduct “hands-on” research with scientist in the fields to marine biology, biochemistry, physics, computer science and evolutionary/molecular biology.

Students also participate in math instruction pertinent to research.

The program also conducts a “Guest Lecture Series” with speakers from Facebook, Boston Robotics, Picatinny Arsenal, and Hackensack Meridian Hospital.

Field Trips to: AMNH, The Seeing Eye and Sterling Hill Mine

Montclair Academic Dual Enrollment(MADE)

A partnership between the Montclair Public Schools and Montclair State University

Montclair High School seniors have completed the third(3rd) cohort of the MADE Program.

Seniors take a minimum of 2 classes(6 credits) for the fall and spring semesters. A minimum of 12 credits earned at the college level.

Student speaker: Marcos Gutierrez

2022 MHS Graduate-Stanford University

Montclair Academic Dual Enrollment(MADE)

In three years.....

Josh Weston and nCASE(Center for the advancement of STEM education)

Contributed over \$100,000 in STEM tuition Scholarships.