

September 30, 2008

Make Way for Science



Through their participation in the Biotechnology Summer Camp program held at the Center for Science & Mathematics Education at Stony Brook University, four Ward Melville High School 10th-graders had the opportunity to conduct hands-on research in the university's state-of-the-art laboratories.

Tanya Beg, Nevin Daniel, Anisha Satish, and Priyanka Patel were selected to participate in this elite program through a comprehensive and extensive application process.

The program, which is designed for highly motivated high school students, aims to instruct scholars on the techniques used in modern biotechnology research. Throughout the four-week program students were provided with the chance to explore topics in biochemistry, microbiology, and molecular biology and invited to live on campus Monday through Friday.

First, the students began by learning concepts and techniques as a class and then, working in small groups, conducted original research projects on a topic of their choice. Tanya and Nevin worked with an Arizona student on a project studying the possibility of using hydrogen gas as a possible source of clean, renewable fuel. Anisha and Priyanka explored DNA and the process for recovery of DNA for forensic analysis.

Additionally, the students had the chance to attend seminars, meet with guest lecturers, and tour the greenhouse and medical center.