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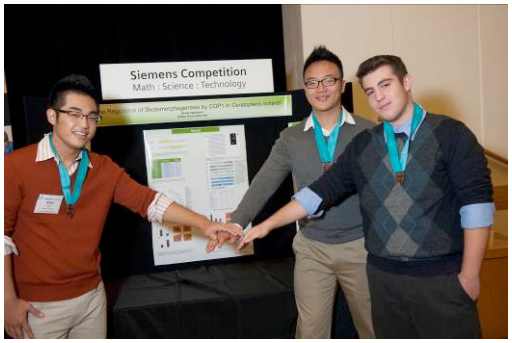

JEREMY APPELBAUM, WILLIAM GIL and **ALLEN SHIN**
George W. Hewlett High School, Hewlett, New York
PROJECT: COP1 Arrests Photomorphogenesis in Dark Grown Gametophytes of Ceratopteris richardii; A Study of COP1 in Cryptogams
FIELD: Biology
MENTOR: Dr. Terrence Bissoondial

"Scientists and engineers are coming up with more efficient ways to perform tasks that have seemed impossible in the past decades."

In their project, the team of Jeremy Appelbaum, William Gil and Allen Shin studied the role of Constitutive Photomorphogenic Protein 1 (COP1) in cryptogam plants. They found a new way to research COP1, a protein essential in a variety of pathways in plants and linked to tumorigenesis, the formation of tumors.

Jeremy Appelbaum
Hometown: **Woodmere, New York**

"Biology is my favorite subject in school because it incorporates how all living things work, especially the human body."

Jeremy, a senior, is a member of his school's newspaper and volleyball team and a student tutor. He would like to major in biology or chemistry and aspires to be a physician.

William Gil
Hometown: Valley Stream, New York

"It all started with the Discovery channel when I was very small. Instead of watching cartoons, I would be fascinated by all the documentaries that ranged from space exploration to deep sea diving."

William, a senior, is president of the leadership group, WAFL (We are Future Leaders). He volunteers at the American Cancer Society and is a member of the varsity fencing team. William would like to become a biomedical researcher.

Allen Shin
Hometown: Valley Stream, New York

"I find it interesting how science has such an important part in our everyday lives."

Allen, a senior, plays volleyball for his school. He participates in an annual mission trip to help residents of impoverished areas. Allen would like to become a doctor.