



# VERITAS Views

For Friends of Aquinas High School  
*The good news you help to create*

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## AQUINAS INITIATIVE FOR CAREERS IN MATH AND SCIENCE

Math and science are on the front burners at Aquinas, thanks to the Initiative for Careers in Math and Science funded by the William E. Simon Foundation. Each season of this past school year found a new strand woven into the fabric of a comprehensive program to raise consciousness of, motivation toward and competence in fields related to math and science.

In the fall, Freshmen began their project of bridge-building as an introduction to one aspect of civil engineering. Early in the second semester, after-school sessions geared toward success on the Regents Exams got underway. The Easter vacation found Juniors shadowing professionals in medicine, finance, architecture and engineering. Springtime brought to Sophomores an introduction to chemical engineering through a project on heat transfer.

The final phase of the first year of this three-year program was participation in summer programs. Tina Baffoe, Class of 2011 wrote:

*Going to the Columbia University High School Program was an experience I will never forget. Not only did I meet people from around the world; I was able to see another part of New York and greatly improve my reading and writing skills. The daily homework helped everyone in class to get a better understanding of the classwork and the teachers were always willing to help anyone in need. Through the program I met life-long friends from around the world. Without the scholarship I would not have had the opportunity to attend this great program and I am very glad I got the chance.*

Britney Sampson, Class of 2010 found the FORCE program at Manhattan College “..an intensive learning experience, a broad exposure to chemical engineers and food scientists at Cosmetic Essence and Kraft Food. We were also taught how to take notes and write formulas using Microsoft Word and Excel and introduced to considerations on engineering ethics. This journey has given me great insights about my future major.”



*The Hospital for Special Surgery, one of 28 sites for career mentoring*



*Summer FORCE Program: Female Opportunities to Revolutionize Chemical Engineering*



*Bridge to the Future, an engineering project for Freshmen*