

Abstract for an Invited Paper
for the MAR09 Meeting of
The American Physical Society

A New Approach to A Science Magnet School - Classroom and Museum Integration

SAMUEL FRANKLIN, Pittsburgh Science and Technology Academy

The Pittsburgh Science & Technology Academy is a place where any student with an interest in science, technology, engineering or math can develop skills for a career in life sciences, environmental sciences, computing, or engineering. The Academy isn't just a new school. It's a new way to think about school. The curriculum is tailored to students who have a passion for science, technology, engineering or math. The environment is one of extraordinary support for students, parents, and faculty. And the Academy exists to provide opportunities, every day, for students to Dream. Discover. Design. That is, Academy students set goals and generate ideas, research and discover answers, and design real solutions for the kinds of real-world problems that they'll face after graduation. The Academy prepares students for their future, whether they go on to higher education or immediate employment. This talk will explain the unique features of the Pittsburgh Science & Technology Academy, lessons learned from its two-year design process, and the role that the Carnegie Museums have played and will continue to play as the school grows.