Under a GK—12 Fellows grant from NSF, the RAISE project has developed a partnership between Polytechnic University and four New York City high schools to enhance student achievement in science and math. The project team includes three faculty leaders, 13 graduate/undergraduate Fellows, and nine teachers.

The RAISE project is integrating modern sensing, instrumentation, and monitoring technologies in the lab curriculum of Active Physics, Marine Science, Living Environment, and Physics courses in the partner schools. Achievement in another course (Math-A) is influenced since the use of instrumentation must be based on a solid foundation in math. Fellows spend 10 hours each week in a high school plus five hours weekly preparing instructional material. The benefits of the project extend to high school students, high school teachers, and GK—12 Fellows.

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RAISE
Revitalizing Achievement by using Instrumentation in Science Education
A National Science Foundation GK—12 Project

RAISE Events
• Professional Development: January 21, 2005
• RAISE Career Day: April 20, 2005
• NYC GK—12 Meeting: May 20, 2005