



## SCSD / ESF Partnership: Action Plan 2007-08

**ESF in the High School:** Fowler / Henninger / Nottingham / Corcoran / Institute of Technology: College-level course work while in high school helps students make a successful school-to-college transition; Guaranteed admission & scholarship program; Minority/diversity scholarship and internship programs; *Environmental Summit* student science research symposium; Teacher professional development seminars...

**ESF Science Corps** (National Science Foundation GK12 grant): leadership/coordination of STEM\* clubs at five high schools (e.g., science fairs); *ESF in the High School*; ESF SCIENCE, Environmental Challenge...

**Environmental Challenge:** a collaborative SCSD/ESF science fair & career exploration day. Beginning with 30 students in 2003, the Challenge engages 300 SCSD middle school students each year. In 2002 two (2) SCSD students participated in the Greater Syracuse Scholastic Science Fair (GSSSF). More recently, thirty to forty SCSD students participate.

**ESF SCIENCE** (Summer Camps Investigating Ecology in Neighborhood and City Environments) Roberts School, Institute of Technology and other community groups

**Institute of Technology** advisory group (inc. Curriculum and PR committees)

**New York ECLIPSE** (NYS Education Dept.): Enhancing Collaborative Leadership for Improved Performance in Science Education

### Professional Development programs and activities:

**Green and Sustainable Schools** (BEST Certificate) March 22, 2007

**SUNY SPARE** (Solar Power as Renewable Energy) training program relationship with Institute of Technology and the Johnson Center (April 2 – 5; September 17 – 20)

**Partnership for Better Education:** Recent activities have included visits by Fowler (our principal partner school) students and teachers to ESF's paper and bioprocess engineering and plant/biotechnology programs and facilities (refer to, e.g., November 30, 2006 Post Standard article). Further steps include:

- College Now! Fowler and other SCSD taking college course on campus
- Continued leadership support to Fowler's STEM\* and other PK-16 student learning and teacher professional development/mentoring experiences
- Leadership/support to Fowler's and other STEM\* Learning Communities
- Continued collaboration to identify, write, and implement STEM-related grants



SUNY ESF proudly recognized the Syracuse City School District as an outstanding partner at the 10<sup>th</sup> Symposium on Teaching, Research and Outreach: *A Continuing Dialogue on Strengthening Outreach through Partnerships and Collaboration*, October 12, 2006.

