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## Award Abstract #0812954

### Statistics for Action

**NSF Org:** [DRL](#)  
[Division of Research on Learning in Formal and Informal Settings \(DRL\)](#)

**Initial Amendment Date:** September 22, 2008

**Latest Amendment Date:** September 22, 2008

**Award Number:** 0812954

**Award Instrument:** Standard Grant

**Program Manager:** David A. Hanych  
DRL Division of Research on Learning in Formal and Informal Settings (DRL)  
EHR Directorate for Education & Human Resources

**Start Date:** September 15, 2008

**Expires:** August 31, 2012 (Estimated)

**Awarded Amount to Date:** \$1965674

**Investigator(s):** Mary Jane Schmitt mary\_jane\_schmitt@terc.edu (Principal Investigator)  
Martha Merson (Co-Principal Investigator)

**Sponsor:** TERC Inc  
2067 Massachusetts Avenue  
Cambridge, MA 02140 617/547-0430

**NSF Program(s):** INFORMAL SCIENCE EDUCATION

**Field Application(s):** 000099 Other Applications NEC,  
0116000 Human Subjects

**Program Reference Code(s):** SMET, 9177, 7259

**Program Element Code(s):** 7259

## ABSTRACT

TERC is partnering with the Toxics Action Center to enhance the capacity of environmental organizations to teach mathematical literacy skills to low-income citizens, mostly women of color. Secondary collaborators include four environmental organizations around the country. The project is (1) developing math- and statistics-rich educational materials that help non-scientists interpret environmental test results, (2) developing training materials that help environmental organization personnel provide

quantitative literacy training to citizens, (3) helping environmental organizations institutionalize project resources, and (4) evaluating the impact of project activities on environmental organizers, community members, and the general public. Project deliverables include bilingual, print- and web-based instructional materials (including videos) for environmental organizations to use with staff and community members; training sessions to create a cadre of environmental organization leaders who can conduct environment-focused, math training workshops; a communications toolkit for dissemination to journalists who cover environmental issues; and a resource-rich project web site.

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Last Updated:  
April 2, 2007  
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