

Special Grant Program in the Chemical Sciences

<u>Institution</u>	<u>Awardee</u>	<u>Department</u>	<u>Title</u>	<u>Award</u>
2011				
Carnegie Mellon University	Catalina Achim	Chemistry	LiveDNA: An educational outreach program based on nucleic acid themes	\$24,800
Central Florida Community College	Kenneth Capps	Science	Camp Discovery: a summer science camp for disadvantaged students in Central-Florida	\$15,000
Chemical Heritage Foundation	Michal Meyer	Roy Eddleman Institute	"Thanks to Chemistry," through radio, Web, and print	\$60,000
Denison University	Joseph J. Reczek	Chemistry and Biochemistry	Inspiring the future: A cooperative approach to increasing regional education, exploration, and opportunities with the chemistry of energy	\$34,000
Discovery Museums	Denise LeBlanc	Education	Reaction Station: adventures for young chemists	\$23,250
Massachusetts Institute of Technology	Michael J. Cima	Chemical Engineering	Chemistry at Work: Inspirational video stories of discovery and invention in chemistry for classrooms and the web	\$50,000
Museum of Science and Industry	Patricia Ward		GoREACT: Building Upon "Create a Chemical Reaction"	\$64,000
New York Hall of Science	Margaret Honey		Hands-on, "macro" scale activities with interactive simulations to demonstrate molecular and atomic scale principles	\$25,000
Sci-Port Discovery Center	Ann Fumarolo		Energy chemistry	\$50,000
Stony Brook University	Katherine Aubrecht	Chemistry	Chemistry and sustainability: Hands on workshops for grades 7-12	\$50,000
Students 2 Science, Inc.	Richard Meyer		Improving students affinity and aptitude for careers in STEM	\$50,000
The Rockefeller University	Edward Scovell	Science Outreach Program	Teaching chemistry through 3D molecular modeling	\$50,000
University of Illinois at Urbana-Champaign	William Hammack	Chemical & Biomolecular Engineering	The sixteen most technologically important elements: moving chemical sciences outreach toward new media	\$60,000
University of Illinois at Urbana-Champaign	Anne Baranger	Chemistry	Chemistry curriculum reform - Integrating across disciplines in the first two years	\$25,000
University of Missouri - Columbia	Marcelle Siegel	Learning, Teaching, and Curriculum	Tackling the assessment gap in high school chemistry	\$25,000
University of New Hampshire	Julia Bryce	Earth Sciences	GEO-Chem: An inquiry approach infusing geochemical systems into high school chemistry classrooms	\$37,500

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University of Puerto Rico at Arecibo	Maiella Ramos	Physics and Chemistry	ENVIRO-CHEM – research experiences for underrepresented minority teachers and students through mentoring	\$28,030
University of Texas at Austin	Dionicio Siegel	Chemistry and Biochemistry	Texas shamans, a study of chemistry and conservation of native Texas plants	\$25,562
University of West Georgia	Sharmistha Basu-Dutt	Chemistry	Research experience via active collaboration with high schools (REACH)	\$38,000
Woods Hole Oceanographic Institution	Heather Benway	Marine Chemistry & Geochemistry	Riding the carbon cycle around the globe	\$28,378