

Special Grant Program in the Chemical Sciences

<u>Institution</u>	<u>Awardee</u>	<u>Department</u>	<u>Project</u>	<u>Award</u>
American Chemical Society	Denise L. Creech	Membership and Scientific Advancement	American Chemical Society Scholarship Program for Underrepresented Minority Undergraduate Students in the Chemical Sciences	\$140,000
American Institute of Physics	Alicia M. Torres	Media and Government Releations	Discoveries and Breakthroughs Inside Science (DBIS): Bringing Chemistry Science and Engineering Research to Local TV News	\$60,000
Colorado State University	Bruce A. Parkinson	Chemistry	A Distributed Combinatorial Search for Water Splitting Photocatalysts	\$45,000
Education Foundation of Harris County	Douglas H. Kleiner	Education Foundation of Harris County	Science Fiction: Teaching Chemistry with Children's Literature	\$50,350
Florida Institute of Technology	Kurt J. Winkelmann	Chemistry	Nanotechnology for Freshmen: Learning Chemistry through Nanomaterial Synthesis and Applications	\$33,000
Georgia College & State University	Rosalie A. Richards	Science Education Center	Chemistry Rocks! Summer Institute for High School Teachers	\$31,536
John Jay College of Criminal Justice	Gloria Proni	Sciences	Chemistry is All Around Us	\$31,180
Museum of Science, Boston	MJ Morse	Current Science & Technology	Connecting the Public to Chemistry	\$200,000
Nobel Web Education Fund	Adam Smith	Editorial	Nobel Prize Narratives in Organic Chemistry	\$45,000
Polytechnic University	Jin K. Montclare	Chemical and Biological Sciences	Mentored Chem-Bio Technology Lab: From Virtual Small Molecules to Biomolecules	\$50,000
Smith College	Kate Queeney	Chemistry	Achieving Excellence in Math, Engineering and Science, a focus on chemistry	\$36,000
State University of New York College at Oneonta	Jacqueline S. Bennett	Chemistry & Biochemistry	Integrating Green Photochemistry into the Undergraduate Chemistry Curriculum	\$29,928
Texas A&M University	Victor M. Ugaz	Chemical Engineering	DNA to Go: Do-it-Yourself PCR Thermocyclers	\$44,000
The Johns Hopkins University	Linda E. Brody	Center for Talented Youth (CTY)	Focusing on the Chemical Sciences on Cogito.org, a Web site and Online Community for Gifted Pre-college Math and Science Students	\$40,000
The Metropolitan Museum of Art	Marco Leona	Scientific Research	Advanced Raman Spectroscopy Techniques in Art and Archaeology: An Undergraduate Chemistry Research Project	\$40,000
The New York Academy of Sciences	Karin E. Pavese	Physical Sciences & Engineering	Soft Materials Discussion Group at The New York Academy of Sciences	\$17,000
The Science Television Workshop	Jo Ann Caplin		The Science and Art Project: The Hours on Forensic Chemistry, Chemistry of Paints, and Tracking Down Frauds and Fakes	\$48,175
University at Buffalo	Valerie A. Frerichs	Chemistry	Dissemination of Research-Based Introductory Chemistry Laboratory Curricula	\$40,000

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University of California, Berkeley	John Arnold	Chemistry	Materials Chemistry in the Undergraduate Laboratory: Synthesis, Characterization and Properties	\$50,000
University of Illinois	Patricia M. Phillips-Batoma	Chemistry	A Multimedia Studio for the Production of Web-based Course Materials for the Chemical and Biological Sciences at UIUC	\$40,000
University of Notre Dame	Olaf Wiest	Chemistry and Biochemistry	Chemistry in a Digital Visualization Theatre	\$20,000
University of Richmond	Jeffrey I. Seeman	Chemistry	Science Fair Projects in Chemistry: A Visual Step-by-Step Educational and Motivational Tool	\$40,000
University of Texas at El Paso	Keith H. Pannell	Chemistry	Science Studio	\$15,000
University of Utah	Jack Simons	Chemistry	Creating a Structure for U.S. Summer Schools on Theoretical Chemistry	\$60,000
Wake Forest University	Roy R. Hantgan	Biochemistry	Molecules to Medicines. Enable promising students, Dreyfus Discoverers, to complete internships in the pharmaceutical and biotechnology industries.	\$15,000
West Texas A&M University	Mark J. Olsen	Mathematics, Chemistry, and Physics	Novel Chemistry Displays and Assessment for the Panhandle Plains Historical Museum	\$33,000