

## June 30, 2010 - Funded Innovative Projects Grants

**Brazosport:** "Magic of Science"—Section will conduct chemical demonstrations at middle and high schools, and community-at-large events.

**Corning:** Sprint for Chemistry—Host a charity race (running/walking) to raise money for local schools science classrooms.

**Huron Valley:** Chemistry Expo—Host a one-day event for students to learn about the opportunities in the chemical sciences.

**Indiana:** Workshop for High School Chemistry Teachers to Inspire Area Youth—Section will host a three-day workshop for high school teachers at the 2011 Central Regional Meeting.

**Milwaukee:** Younger Chemists Committee Career Building Day—An event to provide an opportunity for unemployed chemists to work with professionals writing resumes, cover letters, sharpen interview skills, and conduct job searches.

**Mojave Desert:** Groundwater Arsenic Field Testing and Arsenic Removal—Test the efficacy of several arsenic removal technologies at local wells throughout the Mojave Desert area.

**New York:** Younger Chemists Research Symposium—Half-day event of keynote presentations, a poster session, an oral session for selected abstracts, and a networking reception.

**Northeastern Indiana:** High School Teacher Outreach—A presentation on "The Chemistry of Wine" including wine-tasting at a winery.

**Orange County:** ACS Undergraduate and Graduate Student Travel Subsidy and Professional Involvement —Provide travel subsidies to support students to present a poster or talk at a regional or national meeting. In exchange for the subsidy the students will present the poster and/or presentation at a section meeting during the year.

**Permian Basin:** Organizing NCW and National Lab Day (NLD) Activities—Section and the John Ireland Elementary Magnet school of ECISD will celebrate NCW and all around the year NLD activities.

**Puerto Rico:** International Year of Chemistry 2011: Chemistry-our life, our future—A series of seminars and other educational activities to emphasize the importance of chemistry in our lives, to increase the public appreciation of chemistry in meeting the world's needs and the interest of young people, and to recognize the contributions of women in chemistry.

**San Gorgonio:** Professional Development for Academic Laboratory Technicians—Provide professional development for the local academic laboratory technicians.

**Savannah River:** Central Savannah River Area International Year of Chemistry Celebration—Outreach Events and forums to increase public awareness of chemistry.

**Tulsa:** Chemistry Week: Chemistry in Context—Show case chemistry by conducting chemical demonstrations during NCW in the public schools.

**Wisconsin:** Younger Chemists Committee Career Symposium—Host a symposium to expose younger chemists, high school students, undergraduates, graduate and postdoctoral students; and chemists considering a career change to the variety of careers in chemistry.

## **January 31, 2010 - Funded Innovative Projects Grants**

**Alabama:** Professional Learning Community for Implementation of Inquiry Labs in High School Chemistry—Assist chemistry teachers in developing Inquiry Labs for their chemistry classes.

**California:** Chemical Demonstrations by Showalter & Lang—Host a unique outreach to high school chemistry teachers, middle school science teachers, and students at locations within the section.

**Central New Mexico:** Enrichment and Training of Section Members for Outreach—Local section will re-focus efforts on public outreach activities (National Chemistry Week and USA Science Festival) in partnership with other New Mexico science and engineering focused institutions and organizations.

**Chemical Society of Washington:** Career Day Symposium: Experiences from the Past and Tools to Build for the Future—Host a symposium for individuals with chemistry backgrounds to increase their awareness and appreciation for the breadth of possibilities chemistry offers for a variety of careers.

**Cleveland:** Furthering ACS Opportunities for Outstanding Graduate Student Researchers—Provide a forum for local researchers to formally present their work at a "Meeting-in-Miniature".

**Erie:** Increasing High School Students Participation the Chemistry Olympiad—Host a fall workshop for high school chemistry teachers as a strategy to increase the downward trend of high school students participating in the section's Chemistry Olympiad program.

**Georgia:** Dual Competencies-Small Business Career Outreach Event—An event to simultaneously strengthen its small business connections and target unemployed or underemployed chemists at no cost to attendees.

**Greater Houston:** Chevron scientist to speak on technology development in a number of areas including Green Chemistry—To educate the community on green chemistry and its impact on us and the environment.

**Hawaii:** Video/Television Production of Natural Product Chemistry—Film and produce a 30-minute segment introducing natural product chemistry, ongoing research, past success stories, and an overview on natural product research.

**Idaho:** Building a Science Café in Idaho Falls, Idaho—To begin hosting a science café in the northern geographical area of the section.

**Kanawha Valley:** Renewable Energy Initiatives and Techniques—High school outreach program to encourage students to pursue careers in science, renewable energy, and environmental chemistry.

**Louisiana:** Small Businesses in a Recovering Economy—Two half-day small business sessions are planned for SWRM/SERMACS in December 2010.

**Midland:** Spirit Hockey Science Education Event—Hands-on high quality exhibits/demos for area student and teachers.

**Montana:** Crossing the Chemical Divide—Offer regional workshops throughout the state to expand the training of high school chemistry teachers.

**Northeast Tennessee:** Create Regional Alliance for Informal Science Education (RAISE)—Create a collaborative effort to educate the local student population on STEM curriculum.

**Northeastern:** Celebration of Ten Years of the NESACS Exchange with Germany: Expansion for IYC and Beyond—Host a reception for the reunion of alumni of the German Exchange program.

**Northern New York:** Biology Meets Chemistry in the Second Annual NNY ACS Research Symposium—Holding a 2nd undergraduate and graduate research symposium to increase student participation in the chemical sciences and give an opportunity to present their research data.

**Penn-Ohio Border:** Awarding of ChemMatters subscriptions and the 25 Year CD-ROM—Give ChemMatters subscriptions and the CD-ROMs to area high school chemistry teachers.

**Pittsburgh:** Crossroads—Inspire high school chemistry students to major in chemistry in college and provide opportunities to network with fellow chemists locally, at national meetings, and to increase awareness of ACS and the benefits of membership.

**Portland:** Phase 2 of Teacher Voucher Project—Outreach to the high school teacher population in the section and to provide online subscriptions to chemistry teacher resources, hear world-class speakers, learn about research, and get a bigger picture of ACS.

**Purdue:** Lights, Camera, Chemistry—High School Demonstration Workshop—Three-day workshop for high teachers to work with Purdue Chemistry staff to conduct and video tape multiple chemistry demonstrations with follow up lectures.

**San Diego:** From Bench to CEO: What do you need to know if you want to become an entrepreneur? —Series of lectures and discussion panels organized with the focus on helping local chemists start their own companies.

**Sioux Valley:** Joint Summer Symposium of Sioux Valley ACS and the Northern Plains Undergraduate Research Center—Host a joint Summer Symposium with the Northern Plains Undergraduate Research Center supported by the National Science Foundation.

**Southern Arizona:** Chemistry on the same page: A primer to coordinate local high school chemistry curricula—Create a pilot program to provide a smoother transition from the expectations of high school to those of a college or university curricula.

**Southern Illinois:** Hallowe'en Science Night—A continuation of a program first held in 2009.

**Southern Indiana:** "The Chemistry of Everyday Life"—Provide a forum to invite speakers in the less "traditional" areas of chemistry such as fragrance chemists, food scientists or beer microbiologists for an annual seminar series.

**Southwest Louisiana:** Attendance and Presentation of their Research by Graduate and Undergraduate Students—Graduate and undergraduate students will present their research at the 2010 Joint Southeastern/Southwest Regional ACS meeting.

**Syracuse:** The Chemistry of Glass—Sponsor a trip to the Corning Museum of Glass for area professional members, college and high school members as well as social networking.

**Tampa Bay:** Sponsorship of FSEA—Section wants to be a sponsor of the Florida Society of Environmental Analysts annual meeting, host a booth, conduct a survey of the members, promote ACS membership, and the local section.

**Virginia:** Virginia Section 95th Anniversary Celebration and Picnic—An event to celebrate the 95th anniversary of the section open to members and their families including hands-on activities for children, a presentation, and lead a walk at Dodd Park at Point of Rocks.

**Wichita:** High School Program at the 2010 Midwest Regional Meeting—Target 50 high school teachers and expose them to leading ideas and concepts in education including activities and the benefits of ACS.

**Wilson Dam:** Chemists Rock Earth Day—Host an outreach event (free concert in honor of Earth Day) to bring awareness to the campus community about preserving our natural resources.

## **August 1, 2009 Funded Innovative Project Grants**

**Brazosport: Career Development Event and/or Series**—The section will host a Career Development Event and/or Career Development Series to reach out to chemists in the industrial sector.

**Central Arizona: Student Research Symposium**—A half-day symposium with a local keynote speaker and poster session that will feature the research of local area high school, undergraduate, and graduate students.

**Chicago: Support for the Summer Research Fellowship for High School Teachers**—A program to provide high school chemistry teachers with the opportunity to spend a summer conducting hands-on research in a laboratory with a mentor to learn new laboratory skills.

**Dallas-Fort Worth: Chemists and Clinical Laboratory Science**—An event to increase chemists awareness especially the new graduates, of careers, job opportunities, professional development, and the benefits of ACS membership in the medical field available to registered medical technologists.

**Delaware: Sustainability, Green Chemistry, and Policy**—Will host a symposium around the Sustainability, Green Chemistry, and Policy theme at the Middle Atlantic Regional Meeting (MARM) 2010 to continue to build on that success.

**East Tennessee: "Got Chemistry?"**—A series of Saturday chemistry workshops along with a number of chemical presentations to be held for K-8 teachers from the East Tennessee area.

**Eastern North Carolina: Assuring Water Quality in Eastern North Carolina**—The section will engage in activities to promote water quality and inform the public of the role that chemists and the ACS play in protecting our environment.

**Florida: 2010: A Chemistry Odyssey**—Will host a high school chemistry program for teachers and students and provide an opportunity for communication between local chemists and other ACS sponsored groups – ChemClubs and Student Chapters.

**Michigan State University: "Chemistry Caravan"**—Younger Chemists Committee members will present chemical demonstrations at local elementary school classrooms with a focus to increase membership and community involvement.

**North Jersey: A Working Diversity Conference in New Jersey**—The section will organize a conference by an enhanced task force of the New Jersey Committee on Minority Affairs to implement action items of the minority workshop reports of the Committee on Professional Training, the National Science Foundation and the national Committee on Minority Affairs.

**Orlando: Integrated Peer-to-Peer Outreach**—Collaborate with ACS Student Affiliates at the University of Central Florida in an outreach program to local middle school, high school, and community college students.

**Puerto Rico: NCW Celebration at SERMACS**—Will conduct a "Festival de Quimica" to join the NCW celebration at SERMACS to promote Student Chapters interaction of Puertico and the Southeast Region.

**Rochester: Leadership Sustainability**—Propose two activities with a focus on young, newly active members to develop their leadership, professional skills, and increase the volunteer recognition program.

**San Gorgonio: Local Section 60th Anniversary Celebration**—Celebrate the 60th Anniversary, honor the 50 plus year ACS members and culminate National Chemistry Week with activities for chemists, students, families and the general public.

**Santa Clara Valley: Activities & ACS Materials for Public Outreach at ISEF2010**—Conduct activities and distribute ACS materials for Public Outreach to high school students at ISEF 2010.

**St. Joseph Valley: Liquid Nitrogen – 'States of Matter' Presentation**—Initiate an annual outreach to high-need middle school students entering middle school to encourage their interest in the sciences.

**Upper Peninsula: "Conviving with Chemistry and Food"**—Outreach to the community at large that are involved with raising, processing and serving food to educate on the chemistry of agriculture, nutrition, food, and food products.

**Western Carolinas: Expanding and Sustaining our NCW Outreach**—Maintain a high level of National Chemistry Week outreach and increase the scale and level of exposure to both K-5 students and the Hispanic communities.

**Wichita Falls-Duncan: Celebrating 50 Years: A Salute to Excellence**—Conduct a series of events to celebrate the 50th anniversary concluding with a recognition banquet for local science fair/poster contest winners, past local section chairs, and institutions that have supported the local section during its first 50 years.

## March 1, 2009 Funded Innovative Project Grants

**Binghamton: Kids and Chemistry in Binghamton Project**—Organize events that will allow local section members and student affiliates to work with diverse students from a high-needs elementary school in the Greater Binghamton area.

**Cincinnati: Launch a Partnership with the Hughes Stem High School**—The section will partner with Hughes STEM (Science, Technology, Engineering, and Mathematics) which is a new high school to increase participation in STEM.

**Dayton: CeRMACS 2010 Symposium, Chemistry for Peace**—Organize a symposium to strengthen ties to two local organizations, and to Sarajevo, Dayton's sister city.

**Georgia: Herty 75 Commemoration Program**—The 75th Anniversary of the Herty Award, annually given by the Georgia Section. The award gives public recognition to an outstanding chemist who has contributed to their field and in service to the profession.

**LaCrosse-Winona: Refrigerants: Past, Present and Future**—Conduct an educational, fellowship and networking meeting with local members of the American Society of Heating, Refrigeration, Air Conditioning engineers (ASHRAE).

**Midland: Camp Chemistry**—Establish a pilot project to implement a hands-on inquiry-based chemistry workshop entitled, "Camp Chemistry" for Girl Scouts sponsored by the ACS and Dow Corning Foundation.

**Milwaukee: Younger Chemists Committee Poster Symposium**—A poster symposium and social event will be held that focuses on encouraging younger members of the local section to participate in ACS on the local and national level; and to recognize local high school teachers who have participated in local section events.

**Nashville: Celebration of Women in Chemistry**—Proposing a symposium that highlights educating girls and women in the chemical sciences, career opportunities, and other events that celebrate women in chemistry state-wide.

**New Haven: ACS Cares**—An educational outreach program to provide pre-made science kits to ACS volunteers to demonstrate science principles to students in grades K-8.

**Northeastern: New England Sections Web-Enhanced Meeting and Presentation Sharing Initiative**—Produce high quality audio-visual publications of section presentations of interest to ACS members in the region and beyond, and make them available on the section website.

**Ocean County: Measuring Concentrations of Ammonia-Nitrogen in Water Samples and Demonstration Depicting Results to Local High Schools**—The Organic Chemistry Club of Ocean County College members will reach out and encourage future scientists as they relay the concerns for local watersheds to educate high school students on the chemical steps performed in collecting water samples.

**Oregon: A Two-Week Chemistry Program for 4th/5th Grade TAG Students**—A two-week chemistry program for 4th/5th grade TAG Students facilitated by a university chemist and a K-12 science teacher.

**Red River Valley: Support for Regional POGIL Workshop at the University of North Dakota**—To support and participate in a workshop, hosted by the University of North Dakota, focused on a method of active learning, an alternative to the traditional lecture.

**Rio Grande Valley: Student Affiliates Program at SWRM 2009**—To fund three activities to benefit students associated with the upcoming Southwest Regional Meeting.

**San Joaquin Valley: Celebrating the San Joaquin Valley's 25th Anniversary**—Connect the university chemists with our local high school chemistry educators and introduce them to environmental chemistry and laboratory exercises to bring back to their classrooms, in addition to entertaining the elementary school children with the wonders of chemistry to highlight National Chemistry Week and the 25<sup>th</sup> Anniversary of the section.

**Southern Arizona: Chemistry Can Be Fun: A Hands-On Laboratory Program for the Developmentally Disabled**—Designed a program to promote more visual versus verbal learning paradigms in chemistry to motivate and encourage these children to attain higher education in school and promote communication skills too.

**Southern Illinois: Young Scientists' Hallowe'en**—A Hallowe'en-themed science activity that takes advantage of the growing "trick-or-treat" phenomenon to involve local student grades 2-6 in a fun evening of science activities.

**Trenton: Rider University "Careers in Chemistry"**—A two day symposium wherein chemists from a wide variety of careers are invited to speak about their backgrounds, careers, and how their chemistry education is essential to their jobs.