

CSW Elections Go Electronic!

This year, for the first time ever, The Chemical Society of Washington will conduct its election of Officers, Councilors, and Managers with electronic ballots. If you are a full CSW member and have a valid e-mail address on file with The American Chemical Society, then on or about October 12 you will receive an e-mail with instructions for accessing the secure voting website and candidate statements, along with a unique voter ID code. The ballot will be sent to the same e-mail address at which you receive official communications from ACS. If your e-mail account has strong spam filters, please “white list” elections@vote-now.com and election.ballot@vote-now.com in order to ensure that you receive your voter ID code. If you haven’t provided an e-mail address to ACS, fear not—anyone without an e-mail address on file, or whose ballot e-mail is returned as undeliverable, will receive a paper ballot with voting instructions and candidate statements. Candidate statements will also be posted on the CSW website (csw.sites.acs.org) on or about October 12. As in previous elections, voting will close at 11:59 pm on November 15. Why are we making this change in voting practices? The real question should be, “why didn’t we do it long ago?” Voting is now much easier, with no need to find an envelope and a stamp, and no need to remember to drop it in the mail. Just click, read, and vote! Even better, if you, like many of us, are chronically absent-minded, you will receive two reminder e-mails if you



...continued on Page 10

CSW Participates in USNCO

Contributed by Regina Cody

The Chemistry Olympiad is an annual program for high school students that has been organized by the American Chemical Society (ACS) since 1984. The ACS conducts the U.S. National Chemistry Olympiad (USNCO) through its Local Sections. The CSW is proud that it is one of 16 Local Sections that has participated in the U. S. Olympiad each year. CSW conducts its Chemistry Olympiad in two levels; the first level is the Local Section examination and the second level is the U.S. National examination in the latter half of April. The CSW was allotted nineteen students to take the National exam by ACS, based on the Section membership with the rule that a maximum of two students can be from one school.

...continued on Page 6

Hillebrand Prize Nominations Due October 15

Nominations are invited for the 2012 Hillebrand Prize, awarded annually for original contributions to the science of chemistry by a member or members of the CSW. The Hillebrand Prize is the most prestigious honor given each year by CSW and is recognized nationally as a mark of significant accomplishment in chemistry. The Hillebrand Prize originated in 1924 and is named for Dr. William F. Hillebrand (1853- 1925), an internation-

ally recognized pioneer in analytical chemistry and one of Washington’s most distinguished early chemists. The prize carries an honorarium of \$2000. Many previous Hillebrand Prize recipients have won numerous other national and international awards, including three who have received the Nobel Prize.

The nomination letter must be limited to 1000 words. Two seconding letters may be sent, limited to a maximum of 500 words.

The package should also contain a *curriculum vitae*, a list of publications, and a proposed citation of not more than 25 words. The nomination package should be submitted by email, preferably as PDF file(s), to csw@acs.org. Nominations will be active for three years. In accordance with the CSW Standing Rules, both the nominee and the nominator must be current members of CSW, but this restriction does not apply to writers of

...Continued on Page 3

The Capital Chemist™



*A Publication of the
Chemical Society of Washington
Section of the American Chemical
Society*

Volume 62, Number 6 September 2012

Editor, Business Manager

Jessica L. Rasmussen
Voice: 202-659-2650
Email: csw@acs.org

Publisher

Chemical Society of Washington

Business Staff

Zory R. Glaser, Chair
CSW Publications Committee
202-659-2650

Advertising Manager

MBO Services
PO Box 1150, Marshfield, MA 02050-1150
781-837-0424 voice
www.mboservices.net

CSW Correspondence

Kristy A. Martin, Administrator
CSW, 1155 16th Street, NW, O-218
Washington, DC 20036
202-659-2650 voice
email: csw@acs.org

<http://csw.sites.acs.org>

Claims for missing issues should be sent to CSW at the above address. Member change of address should be sent to ACS, PO Box 3337, Columbus, OH 43210; phone 800-333-9511; e-mail: service@acs.org; or edit member profile online at www.acs.org.

GENERAL: The Capital Chemist (ISSN 0411-0080) is published monthly from January to December (except June, July, and August) by the Chemical Society of Washington, 1155 16th Street, NW, Washington, DC 20036. Subscription price for an electronic subscription is included in all membership fees; mailed paper subscriptions are \$10.00 per year.

ISSN 0411-0080

POSTMASTER: Send address changes to The Capital Chemist, 1155 16th Street, NW, Washington, DC 20036.

CSW assumes no responsibility for the statements and opinions advanced by the editor or contributors to its publication or the products and services advertised herein.

Copyright ©2012, Chemical Society of Washington.

2012 Officers

President

Robert Wiacek, Pixelligent Technologies

President-Elect

Douglas J. Raber, GreenPoint Science

Secretary

Alan J. Anderson, Bowie State University

Treasurer

Kathryn Hughes, National Academies

Jessica Reiner, NIST, to Speak at October Dinner Meeting

Dr. Jessica Reiner, Research Chemist in the Analytical Chemistry Division at the National Institute of Standards and Technology (NIST), will be the featured speaker at the CSW October Dinner Meeting, which will be held at the Far East Restaurant on Thursday, October 11, 2012. This will be a joint meeting with the Washington Chromatography Discussion Group. More information regarding the dinner meeting will be featured in the October issue of the *Capital Chemist*.



Dr. Reiner's research interests are focused in the area of chemicals of emerging concern in environmental and human samples. She has worked in determining contaminant concentrations in sediment, water, food, biota, and humans, as well as establishing baseline information on potential exposure pathways. Presently, her research goals are to improve analytical measurements of chemicals of emerging concern, mainly perfluorinated alkyl acids, through the certification of reference materials, methods development, and other quality assurance activities. She has worked as part of the NIST staff at the Hollings Marine Laboratory in

CSW October Dinner Meeting

October 11, 2012

Far East Restaurant
Rockville, MD

6pm: Social Hour/Poster Session
with 2012 Project SEED
students

7pm: Dinner

8pm: Speaker, Dr. Jessica Reiner,
NIST

Look for additional details in the
October *Capital Chemist*

Charleston, SC; a multidisciplinary research location that focuses on solving marine and human health problems. She has authored and co-authored several peer-reviewed publications and presented at many national and international conferences. Dr. Reiner earned her B.S. in Chemistry and Chemical Oceanography from the University of Rhode Island in 2001, and her Ph.D. in Environmental Chemistry from the University of Albany, State University of New York in 2007.

Dr. Dennis Chamot to Speak at Retired Chemists Group Luncheon

The RCG will hold its annual fall luncheon for election and installation of officers on October 25 at Pier 7 Restaurant, Maine Avenue in Washington, DC. Dr. Dennis Chamot, Member of the ACS Board of Directors, will speak on the topic "Globalization and Other Economic Trends: Implications for the US Chemical Community". Information on reservations and menu choices will be included in the October *Capital Chemist*, or for more information, please contact RCG President Dr. John Malin by phone at 703-524-5553.

ACS Leadership Development Course: Leading without Authority

Update by Jennifer Young

CSW held the ACS Leadership Development Course, “Leading without Authority”, on Saturday, May 12, 2012, at ACS Headquarters. The class was successfully filled with 21 participants, and saw 100% attendance on the day of the class. Participants represented a broad spectrum of experience and professions, ranging from undergraduate to department chair; academia, government, non-profit organizations, and industry; and included 8 current CSW board members.

During the four hour class, taught by ACS member Les McQuire, participants learned:

- When the use of “influencing skills” is needed, when they’re not, and when they will and won’t be effective
- How to understand and use the two dimensions of influence: the “business” side and the “relationship” side
- Frameworks to understand what really counts for the people you want to engage, and strategies you can use to help them get what they want
- An approach to establishing and building a relationship of trust with someone whose help you need to get things done in your organization



CSW supported the participation of 20 CSW members in the class through a \$3000 mini-grant from ACS. This was the 3rd year CSW has received a mini-grant and held a course. The other courses held were “Engaging Volunteers” (2009) and “Leading Change” (2011).

Call for Nominations for CSW Awards

CSW Community Service Award

The Community Service Award recognizes outstanding service to the public by a member of the Chemical Society of Washington. The annual award, in the form of a certificate, will be presented at the December CSW dinner meeting.

A written nomination consists of a letter that describes the contributions of the nominee and why the candidate is deserving of the honor. In order to be eligible for the award, the nominee must be a member of the Chemical Society of Washington (ACS Local Section).

Charles L. Gordon Award

The Charles L. Gordon Award is given annually in recognition of exemplary service to the science of Chemistry and to the Chemical Society of Washington. The award is given in memory of Charles L. Gordon to commemorate his years of service as managing editor of the Capital Chemist. The award, consisting of a plaque, will be presented at the December CSW dinner meeting. A written nomination should include a description of the accomplishments on which the nomination is based.

Completed nominations for the CSW Community Service Award and the Charles L. Gordon Award must be submitted by September 15, 2012. The nomination can be submitted electronically to csw@acs.org. Please contact the Chair of the Awards Committee (Douglas J. Raber, draber@verizon.net) if you have any questions.

Hillebrand, Cont. from page 1

seconding letters. If you would like to verify the eligibility of an individual as a nominee or nominator, please contact the CSW Administrator at csw@acs.org. All materials must be received by October 15, 2012. The awardee will be announced before the end of the year, and the Prize will be presented at the CSW dinner meeting in March 2013.

Important Dates for Award Nominations

September 15, 2012: CSW Community Service Award nominations due

September 15, 2012: Charles L. Gordon Award nominations due

October 15, 2012: Hillebrand Prize nominations due

Project SEED: "Planting the SEED" to bring Chemistry Research to a Younger Generation

Contributed by Ajay Mallia and Walter Benson, CSW Project SEED Coordinators

Established in 1968, Project SEED places young, talented, economically-disadvantaged high school students at various research institutions to expand their research awareness, chemistry education and career outlook. In the SEED program, each high school student is involved in a scientific research project in chemistry under the direct supervision of a mentor/scientist at an academic, government or industrial institution for a period of eight weeks during the summer. This summer, the CSW Project SEED program successfully placed nine bright, talented high school students in labs at national institutes and academic institutions across the DC metro area.

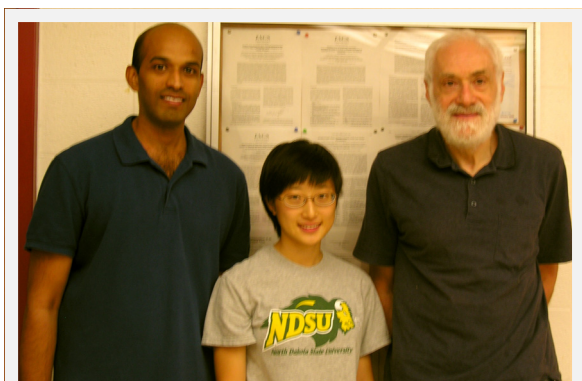
The CSW Project SEED committee owes a huge debt of gratitude to the tireless work of all the mentors who participated in the program this year. The committee would also like to recognize and thank the high school chemistry teachers who made Project SEED possible: Hadan Kauffman of Thomas Jefferson High School for Science and Technology; Marta Walter of High Point High School, Prasad Girard of Poolesville HS, Rebecca Kimport of Capitol City Public Charter School, DC, and Gideon Sanders of McKinley Tech.

If you have a suggestion on how to improve our CSW Project SEED program, please drop Dr. Walter Benson (wbenson270@aol.com) or Dr. Ajay Mallia (vajaymallia@gmail.com) an email.

Example Research Topics

- Three-dimensional structural study of polysaccharides by NMR
- Porous molecular materials with embedded host molecules
- Environmental and biological nitric oxide reactivity of copper
- Synthesis and characterization, and use of new Pd compounds
- Developing new instrumentation and methods for sample analysis
- UV/Vis spectrophotometric analysis of the reactions of organic dyes
- The study of adaptive three-dimensional shape transformation of soft hydrogel materials
- Gels and ionic liquids and their applications
- Fundamental properties of water under cryogenic conditions

One SEED student, Hyae-In Seo, noted that the best part of the program was the sensation she got from being a researcher and not merely a student following a set guideline for a chemistry lab. This year Ms. Seo won first prize in Chemistry section for a research presentation in Virginia Junior Academy



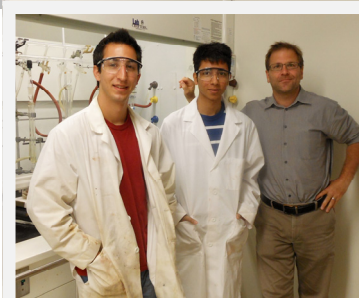
Pictured left to right: Dr. Ajay Mallia (SEED Coordinator), Hyae-In Seo (SEED Student), Professor Richard Weiss (SEED Mentor)

of Sciences (VJAS) at Norfolk State University. She presented a research paper based on her research work that she conducted as a SEED-1 Fellow at Professor Weiss's Lab in 2011. SEED committee congratulates Ms. Hyae-in Seo and Professor Richard Weiss for this excellent achievement.

*"Participating in this program gave me a rare opportunity to experience what scientific research is and how it is conducted."
--Hyae-In Seo, SEED student*

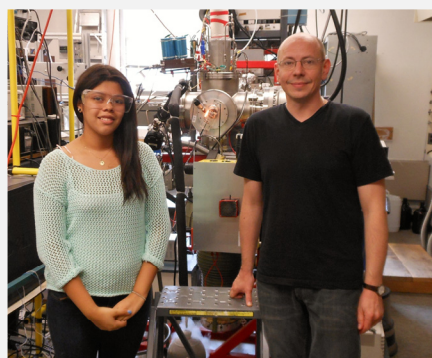


Top: Professor Andrei Vedernikov (left), Mujuni Millanga (right)

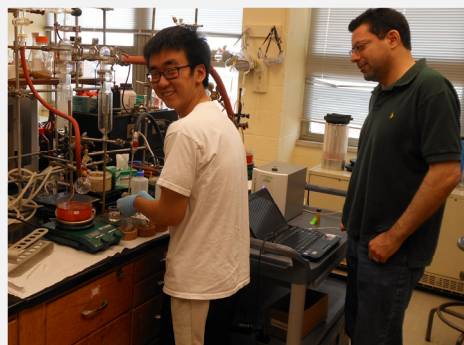


Bottom: Professor Travis Holman (right), Aayush Pathak (center), Grad Student Chris Cane (left)

Right: Professor Vladislav Sadchenko (right), Alejandra Torres (left)

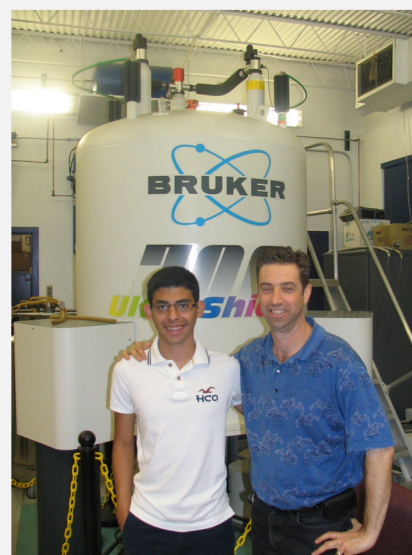


Below: Professor Timothy Warren (right), Vivian Mensah (center), Graduate Student Mae Joanne Aguila (left)



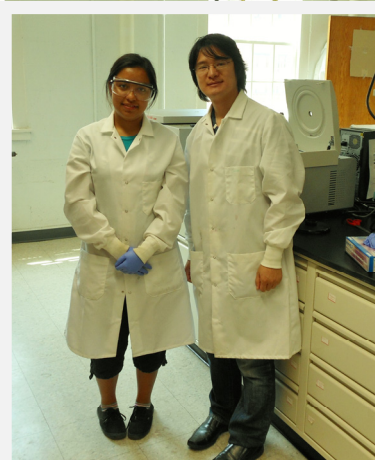
Above: Professor Bahram Moasser (right), Hung Sung Lee (left)

Left: Dr. Daron Freedberg (right), Diego Torres (left)



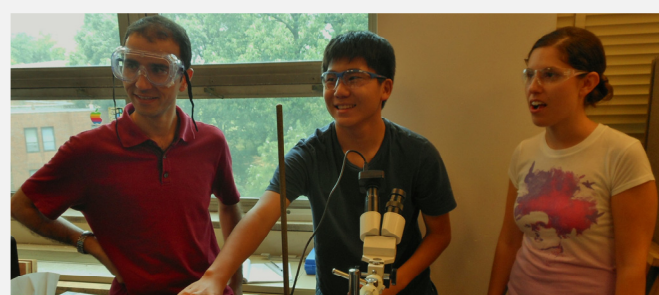
2012 Project SEED Mentors and Students

- Professor Timothy Warren of Georgetown University mentored Vivian Mensah of High Point High School
- Professor Andrei Vedernikov of University of Maryland, College Park mentored Mujuni Millanga of High Point High School
- Professor Zhihong Nie of University of Maryland, College Park mentored Kimberly Marlyn Chopin of Capitol City Public Charter School, DC
- Professor Travis Holman of Georgetown University mentored Aayush Pathak of Richard Montgomery High School
- Professor Kaveh Jorabchi of Georgetown University mentored Seong Jun Jang of Thomas Jefferson High School
- Professor Bahram Moasser of Georgetown University mentored Hung Sung Lee of Thomas Jefferson High School
- Dr. Daron I. Freedberg of NIH/FDA mentored Diego Torres of Poolesville High School
- Professor Richard Weiss of Georgetown University mentored Hyae-in Seo of Thomas Jefferson High School
- Professor Vladislav Sadchenko of George Washington University mentored Alejandra Torres of Poolesville High School



Left: Professor Zhihong Nie (right), Kimberly Marlyn Chopin (left)

Below: Professor Kaveh Jorabchi (left), Seong Jun Jang (center), Graduate Student Carina Minardi (right)



Olympiad, cont. from page 1

CSW used the Local Section examination purchased from ACS to select the 19 students to take the National exam, and we asked high school chemistry teachers to select up to twelve students for this purpose. The Local Section exam is a multiple choice of 60 questions. Teachers from seventeen high schools selected a total of 147 students. Nine of the high schools are in Maryland, six are in Virginia, and two, both private, are in Washington, D.C. From the results of the Local Section exam the 19 students from 14 schools were selected to take the U. S. National Exam for the CSW, which was given on April 19th at the Department of Chemistry of the Catholic University of America. The exam consisted of three separate parts: one multiple choice, one written essay response, and one laboratory practical. The ACS has a separate grading site to grade the National exam.

The U.S. National exam was

given in the same time period, April 19-23, across the U.S. to about 1000 students. The 20 students who scored the highest on the National exam were invited by ACS to the Study Camp, which was held June 5-20 at the Air Force Academy in Colorado. The U.S. team of four students for the International Chemistry Olympiad was selected from the 20 students at the Study Camp. Kalki Seksaria from Thomas Jefferson High School for Science and Technology, Fairfax County, VA, attended the study camp; Mr. Seksaria participated in the National Exam in 2011.

The International Chemistry Olympiad (IChO) was held in the U.S. this year for only the second time; the first was in 1992. And CSW is proud that it was held at the University of Maryland, College Park campus July 21 – 30. The University of Maryland Department of Chemistry and Biochemistry and the ACS Olympiad Office worked hard for almost two years to make this a great

IChO. Dow Chemical Company sponsored the IChO with a grant of \$2.5 Million. The U. S. team won one gold and three silver medals.

The nineteen students who took the U. S. National Exam on April 19th for CSW are listed below along with their teachers and high schools.

CSW thanks very much the individuals below who gave generously of their time and knowledge to make the CSW U.S. National Exam day possible. At Catholic University, Dr. Greg Brewer, Department of Chemistry Chairman, Ms. Kate Sosinsky, Laboratory Manager, and two student assistants. Ms. Sosinsky and her assistants spent many hours in preparation for the lab practical. Dr. Robert N. Nelson (retired), who has been the Olympiad Laboratory Coordinator for a number of years, Dr. Elinor Santor (retired), who helped proctor, and Mr. Xu Duan, chemistry teacher at Holton-Arms School, who took care of the breakfast-lunch room.

2012 CSW U.S. National Chemistry Olympiad (USNCO) Exam Participants

Student	Chemistry Teacher	High School City, State
Hayley Cohen	Daniela Munteanu	Charles E. Smith Jewish Day School, Rockville, MD
Nyrah Humayun	Xu Duan	Holton – Arms School, Bethesda, MD
Ryan Rose	Sacha Place	Landon School, Bethesda, MD
Ryan Cheng	Leah Puhlick	Langley High School, McLean, VA
Kelvin Niu		
Trevor Butcher	Pauline M. Owen	Leonardtown High School, Leonardtown, MD
Edward Ko	Christina Hicks	McLean High School, McLean, VA
Nina Jessica Lu	Tran Pham	Montgomery Blair High School
Samuel Zbarsky		Magnet Program, Silver Spring, MD
Satowa Kinoshita	Elna M. Clevenger	National Cathedral School, Washington, D.C.

Student	Chemistry Teacher	High School City, State
Vivian Musser	Jennifer Yeck	Quince Orchard High School, Gaithersburg, MD
Victor Ying	Jerry Turner	Richard Montgomery High School, Rockville, MD
Kathleen Yu		
Kalki Seksaria	Hadan Kauffman	Thomas Jefferson High School for Science and Technology, Alexandria, VA
Victoria Xia		
Lawrence Harari	Donald Ayotte	Thomas S. Wootton High School, Rockville, MD
Boyan Xia		
Richard Tan	Verlese P. Gaither	Wakefield High School, Arlington, VA
Ryan Pederson	Stacy Brasfield	Washington-Lee High School, Arlington, VA

Editor's note: Regina Cody (of NASA) should also be mentioned for her hard work over the years in making the event such a success.

UMD Hosts International Chemistry Olympiad

Contributed by Mike Doyle

The co-chairs of the Scientific Committee who prepared and ran the 5-hour Practical (experimental) and 5-hour Theoretical Exams for this IChO (Andrei Vedernikov and Michael Doyle) wish to acknowledge the members of the Scientific Committee from the CSW Region (Dan Falvey, George Helz, Doug Julin, Sang Bok Lee, Amy Mullin, Garyk Papoian, and Natalia White from the University of Maryland, and Kaveh Jorabchi from Georgetown University). This event was two years in preparation, involved considerable commitment from the American Chemical Society and from the University of Maryland and was generously sponsored by the Dow Chemical Company. The Organizing Committee, with full-time commitment from Cecilia Hernandez and Mary Kirchoff, took charge of the myriad of events associated with the Olympiad. Graduate and undergraduate students from throughout the region were involved as student monitors, guides, and helpers throughout the week.

The 2012 IChO was a national effort involving leaders in the chemical sciences from across the country. In the end, however, it was the students that this Olympiad benefited most. The United States student who received a gold medal was only a high school freshman. Some students completed the Practical Exam in half the time that it took some graduate students who tested the experiments. Few of our local area students could handle a 5-hour written exam without a break. Students and their mentors demonstrated a profound willingness to cooperate with one another even if their countries were in conflict. The true meaning of "olympiad" was demonstrated throughout, and the American Chemical Society was once again shown to be a leader.

The opening ceremony for the 2012 IChO was held at the University of Maryland, and the closing ceremony was at Georgetown University. The schedule of events included a tour of DC, a Reunion Party at the French Embassy, and a Final Dinner Celebration at the National Building Museum. Truly, the event was a tribute to the Greater Washington area.

ACS Webinars™

CLICK * WATCH * LEARN *
DISCUSS

Learn more and register at
www.acswebinars.org

September 6: Aligning Your Options
with Your Business Goals

September 13: Tips for Reporting
Green Chemistry Achievements to
the US EPA's Toxics Release
Inventory

September 20: Tasty Culinary
Chemistry

September 27: Genes and Geniuses:
How Humans Became "All too
Human"



ACS
Chemistry for Life™



Local chemists at the CSW Networking Happy Hour at Local 16 in DC on August 23, 2012.

CSW Remembers Dr. Leopold May

It is with great sadness to report that we lost a member of our chemistry community this summer. Dr. Leopold May, Professor Emeritus at Catholic University, passed away on June 14, 2012. You may remember him for his dedication to the history of Chemistry, and his monthly contributions of "Anniversaries in Chemistry" to the *Capital Chemist*. CSW recognized Dr. May at a spring dinner meeting in 2004 with a Certificate of Appreciation. He will be greatly missed.

From the Washington Post:

On June 14, 2012. Beloved husband of 65 years of Evelyn May; adored father of Kenneth and Ira (Yvette), and proud grandfather of Stephen. Survived by a brother, Mitchell. Graveside service and interment will be held at Garden of Remembrance Memorial Park, 14321 Comus Road, Clarksburg, MD on Sunday June 17, 2012 at 1 p.m. In lieu of flowers, contributions may be made to the American Friends of the Magen David Adom, ARMDI - Capital Chapter 1131 University Blvd W., Suite 2114, Silver Spring, MD 20902.

CSW is on Facebook!

"Like" us today to keep
up with CSW news and
events!

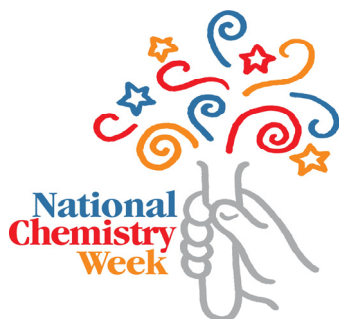


Like us on
Facebook

National Chemistry Week Celebrates 25th Anniversary with *Nanotechnology: The Smallest Big Idea in Science*

This year, we celebrate 25 years of National Chemistry Week (NCW) with the topic of nanotechnology. Nanotechnology is all round us and has applications to the environment, energy, materials, and health. Whether it's the nanoscience used in environmental cleanup, to develop more efficient lighting, to make stronger, lighter, and durable materials, or to make nanomedicine that help us get well, chemistry and nanoscience improves our daily lives.

Each year the American Chemical Society's (ACS) NCW campaign reaches millions of people with positive messages about the contributions of chemistry to their daily lives. NCW is a community-based annual event that unites ACS local sections, businesses, schools, and individuals in communicating the importance of



chemistry to our quality of life. It is the one time during the year that chemists, regardless of background, unite with the common goal of spreading the word that chemistry is good for our economy, our health, and our well-being.

The Chemical Society of Washington (CSW), along with the ACS Office of Community Activities, is planning several NCW events. Volunteers are needed for these outreach activities. We are in the early stages of

these plans and will post additional information on the CSW website and will provide additional information in the October issue of the Capital Chemist. Mark your calendar now and plan on joining us at an event, or plan one yourself.

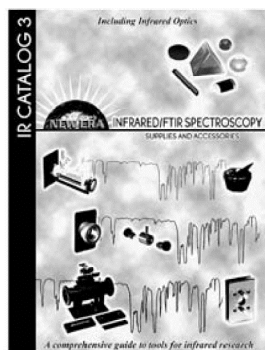
CSW, in cooperation with the National Children's Museum, will once again be participating in the Kidtacular event in Crystal City, Arlington, VA in conjunction with the Marine Corp Marathon, Sunday, October 28, 2012, from 10:00 am to 3:00 pm (set up starting at 8:00 am). Volunteers will be performing hands-on activities for the children in attendance and handing out NCW themed publications and goodies. If you would like to volunteer to assist with this event, please contact the CSW NCW Coordinator Kim Morehouse (see below).

...Continued on page 9

SPECTROSCOPIC

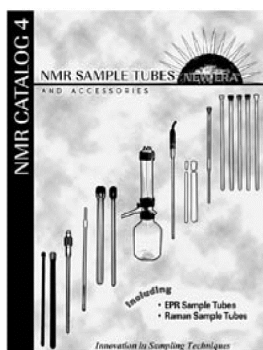
SAMPLING SUPPLIES and ACCESSORIES

IR - FTIR



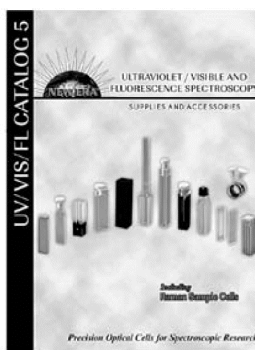
Windows and Reflectance Plates
Liquid-Solid-Gas Accessories
Reflectance Accessories
Reconditioning HATR

NMR - EPR



Sample Tubes 5 to 30mm
Micro Tubes and Capillaries
Innovative New Products
EPR and Raman Sample Tubes

UV - VIS - FL



Quartz and Glass Cells
Fluorescence Cells
Raman Cells
Special Application Cells

View and Download all literature with pricing at
www.newera-spectro.com



CAGE Code: 44ME9 DUNS: 556785657

NEW ERA ENTERPRISES, INC.

1-800-821-4667

Fax: 1-856-697-8727

cs@newera-spectro.com

50-Year ACS Membership Recognition of CSW Member at MARM 2012

Contributed by Zory R. Glaser, PhD, MPH, CSPDM

The MD Section (official host of the MARM 2012) of the ACS invited me (and other CSW-eligible recipients) to join with the members of the MD Section at a 50/60-year member luncheon to be recognized and receive the 50-year ACS Membership certificate and ruby pin. The luncheon was held on May 31st, in conjunction with the MARM, at the Univ. of Maryland, Baltimore Campus. I arrived early since I wasn't certain where I had to go to register (using my *new* 50-yr ACS membership card!) for the luncheon. As a result, I had an opportunity to visit one of the morning poster sessions. It was there, and at the registration area, that I crossed paths with a few CSW-member associates/MARM attendees.

The noon buffet luncheon was very pleasant, and well attended. I had an opportunity to meet and chat with a number of MD-Section members, as well as other ACS members, especially those seated at my table. Following the meal, we were treated to an excellent presentation by Dr. Donald Boesch, President of the Univ. of MD Center for Environmental Studies, and Professor of Marine Science (and a biological oceanographer), on some of the pollution and related environmental issues (and potential solutions!) currently associated with the Chesapeake Bay and with many of its tributaries. (Dr. Boesch was appointed by President Obama as a member of the National Commission on the BP Deepwater Horizon Oil Spill, and Offshore Drilling.) Questions and discussion followed the presentation.

One of the officers of the Senior Chemist Committee of the MD Section then outlined the history and some of the significant events/ dates/ personnel involved over the life of the MD Section. I was surprised to learn that the MD Section is an offshoot of CSW. Presentation of the 50/60-yr certificates then took place. As each recipient was called up to receive their certificate, they were invited to briefly (in 3 - 5 minutes) describe their training and professional career. It was very interesting to hear the wide variety of experiences and backgrounds of the 30 (or so) certificate recipients. I was pleasantly surprised to meet a former grad school classmate of mine, who also received his PhD in polymer/physical chemistry/biophysics from Brooklyn Poly about 2 years ahead of me, and whom I had not had any contact with for almost 45 years.

Overall, the afternoon was very pleasant, and apparently, I was the only CSW member who accepted the invitation to participate in the ceremony. I am most appreciative to the members of the MD section for the invitation.

National Chemistry Week, cont. from page 8

You do not need to be there the full time, just let us know what times you would be available to volunteer.

As part of the NCW 2012 celebration, CSW will be sponsoring a local NCW Illustrated Poem contest. The National illustrated poem contest is focused on "Where's the Chemistry?" Participants are encouraged to illustrate concepts related to the nanotechnology theme as they relate to the environment, energy, materials, and health. Write and illustrate a poem using the National Chemistry Week theme, "Nanotechnology: The Smallest BIG Idea in Science!" Your poem can be in any style as long as it is **no** more than 40 words. All entries must be received by the local NCW coordinator no later than Monday, October 22, 2012. Entries should be mailed to the NCW Coordinator at the CSW office. Winning entries from each grade category will be forwarded to the ACS for the national competition and will receive a local section

award as well. Additional information on the contest, as well as NCW, is available on the ACS web site (www.acs.org/ncw).

You can contribute to the NCW campaign by performing chemical demonstrations at a neighborhood school; conducting hands-on activities with children at museums, malls, or libraries; or by writing articles or letters to the editor of your local paper. If you would like to lead an activity at your local school or library, CSW will provide you with some grade specific materials to hand out to the students, as well as some simple demonstrations that you can use.

More information about local activities will be posted the CSW web site (www.csw-acs.org) as they become available. For further information, or to volunteer, contact the CSW NCW coordinator, Kim M. Morehouse at Kim.Morehouse@FDA.HHS.GOV, or by phone at 240-402-1889 (day) or 301-384-7311 (evening).

K-12 STEM Volunteers Needed

The American Association for the Advancement of Science needs scientists, engineers and physicians to assist K-12 STEM (Science, Technology, Engineering, Mathematics) teachers in the District of Columbia and adjacent counties, during the 2012-13 school year. The details of the partnership are worked out between the teacher and the volunteer, and may involve giving demonstrations, assisting in lab experiments, lecturing on special topics, assisting with homework, etc. The hours are flexible, and volunteers attend a one-day training session before being assigned to schools. To see how volunteers are assisting their teachers, please view the video clips at www.seniorscientist.org. If you care about K-12 STEM education and have time to share your knowledge with students and teachers, please send a note to bcalinge@aaas.org with your home address, or call 202-326-6629.

Calendar of Events

October Dinner Meeting

Jointly held with the WCDG

October 11, 2012

Far East Restaurant

Speaker: Dr. Jessica Reiner, NIST



November Dinner Meeting

November 8, 2012

NASA Goddard

Speaker: Dr. Jennifer C. Stern, NASA

Retired Chemists Luncheon

October 25, 2012

Pier 7 Restaurant

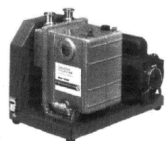
Washington, DC

Voting, cont. from page 1

have forgotten to cast your ballot. If you haven't voted in prior CSW elections, please take this opportunity to exercise your franchise, and help shape the future direction of CSW. If you have questions about the new voting process, or if you do not receive a ballot by October 22, please contact us at csw@acs.org.

BUSINESS DIRECTORY

SERVICES



Eastern Scientific

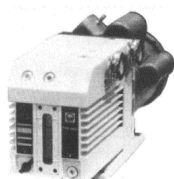
www.easternsci.com

781-826-3456

Vacuum Pump Problems?

Eastern Scientific specializes in the repair and precision rebuilding of all makes of mechanical vacuum pumps.

Free pick-up & delivery
Restrictions apply



NMR_{Service} 500MHz

***Mass**

***Elemental Analysis**

NuMega Resonance Labs

numegalabs.com P-858-793-6057

CAREER OPPORTUNITIES

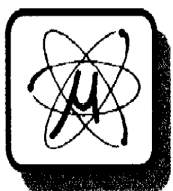
SEARCHING FOR THAT SPECIAL JOB?

There are many companies and organizations searching for chemical and biochemical personnel to fill important jobs in their organizations.

- Companies for laboratory and management positions
- Universities & Colleges for teaching positions and laboratory personnel
- Hospitals for technical and research personnel

There are several web sites that may help you search for these open positions.

- www.mboservices.net
- <http://membership.acs.org/W/WashDC/career.html>



Micron Analytical Services

COMPLETE MATERIALS CHARACTERIZATION
MORPHOLOGY CHEMISTRY STRUCTURE

SEM/EDXA • EPA/WDXA • XRD XRF • ESCA • AUGER • FTIR • DSC/TGA

Registered with FDA • DEA GMP/GLP Compliant

3815 Lancaster Pike Wilmington DE. 19805

E-Mail micronanalytical@compuserve.com

Voice 302-998-1184, Fax 302-998-1836

Web Page: www.micronanalytical.com

Advertisers in this Issue:

Micron.....	p10
New Era.....	p8
NuMega.....	p10
Eastern Scientific.....	p10
MBO Services.....	p10

Do you have story ideas for the

Capital Chemist?

Email them to
csw@acs.org!

