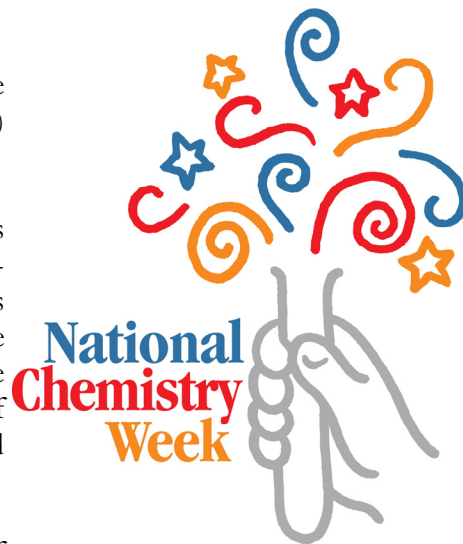


Celebrate National Chemistry Week, October 16-22, 2011

Theme: "Chemistry—Our Health, Our Future!"

Explore the positive impacts of chemistry as it relates to nutrition, hygiene and medicine. This year's celebration for National Chemistry Week (NCW) coincides with the forth quarter of the International Year of Chemistry.

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. So mark your calendar now and plan on joining us at an event, or plan one yourself.

Ways that you can contribute to the NCW campaign are: performing chemical demonstrations at a neighborhood school; conducting hands-on activities with children at museums, malls, or libraries; or 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. ...Continued on page 6

Don't Miss this Opportunity! Nominations for CSW's Top Award, The Hillebrand Prize, Due October 15

Nominations are invited for the 2011 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 inter-

nationally recognized pioneer in analytical chemistry and one of Washington's most distinguished chemists. The prize carries an honorarium of \$2000. Many previous Hillebrand Prize winners 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

Important Dates for Award Nominations

September 15, 2011: CSW Community Service Award nominations due

September 15, 2011: Charles L. Gordon Award nominations due

October 15, 2011: Hillebrand Prize nominations due

November 1, 2011: E. Emmet Reid Award nominations due

...Continued on page 6

The Capital Chemist™



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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.

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71st RETIRED CHEMISTS GROUP LUNCHEON

Pier 7 Restaurant, Washington, DC

October 25, 2011

Agenda

Social: (no host bar) 11:15am - noon

Lunch: noon - 1:00pm

Business meeting: 1:00pm - 1:20pm

a. Election of officers for 2012

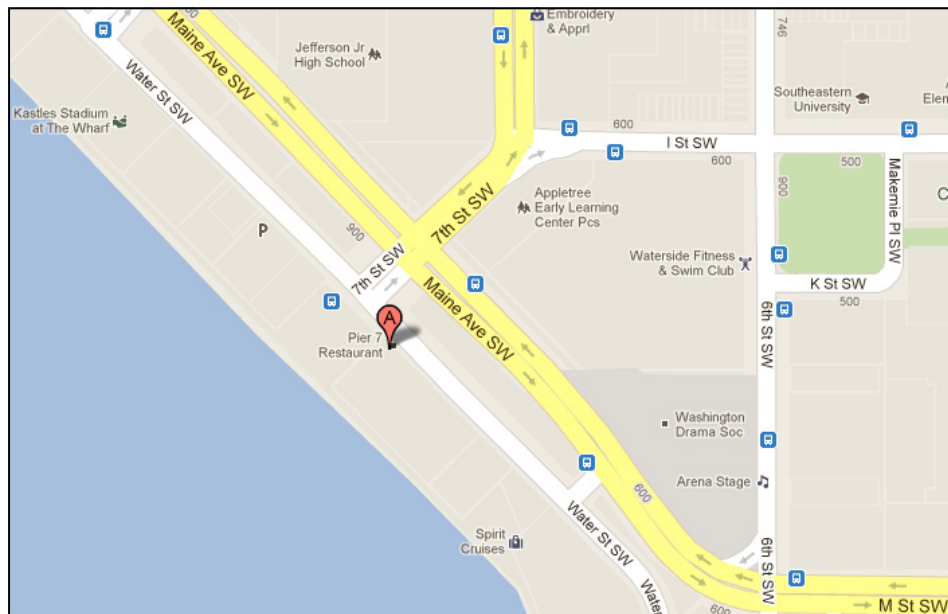
b. Installation of officers

Speaker: 1:20pm - 2:00 pm, Charles F. Bingman

Menu choice: (1) medallions of N.Y. sirloin, (2) broiled filet of sole and scallops, (3) breast of chicken tarragon, (4) seafood newburg with rice pilaf, or (5) a vegetable plate. Served with potato, vegetables du jour, tossed salad, ice cream log with strawberry sauce, rolls, and beverages.

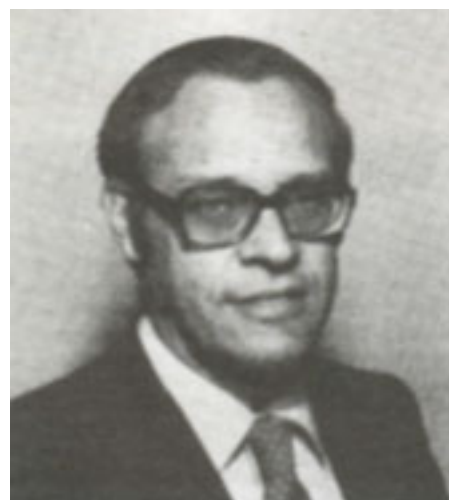
Reservations: Please send your menu selection(s), along with a check for \$28.00 per meal, made out to RCG or Retired Chemists Group, to Dr. Jerome McDonald, 19636 Olney Mill Road, Brookeville, MD 20833.

Pier 7 Restaurant is located in the Channel Inn Hotel on Washington's waterfront at 650 Water Street SW. The luncheon will be held in the main deck, located on the lobby floor. There is free 3-hour parking in the garage under the hotel. Please remember to get your parking validated at the luncheon.



CSW Mourns the Loss of Noel Turner, CSW Publications Chair

It is with great sadness that the Chemical Society of Washington marks the passing of Noel H. Turner. Noel was an active member of CSW for 40 years, since becoming an Alternate Councilor in 1971. Noel held the office of Secretary in 1974 and went on to lead CSW as President in 1985. His contributions to CSW were endless, serving as chairman of the committees on Long-Range Planning, Bylaws and Standing Rules, Publications, Parliamentarian, Hillebrand and Gordon Awards, just to name a few. Noel received the Gordon Award in 1991 which recognizes exemplary service to the science of chemistry and to the CSW. He contributed to the CSW Board for so many years, instilling wisdom as Past-President, Manager, and Councilor, that his absence will be tangibly felt. Noel was a man dedicated to the cause of CSW, and CSW will always be grateful for his hard work. He will be remembered fondly by his many friends. He will be missed, not only for his leadership, but also for his outstanding and noble character.



Obituary, courtesy of the Washington Post:

Of Springfield, VA on Monday, August 15, 2011. Mr. Turner worked for 30 years as a research chemist for the Naval Research Lab and was very active with the Chemical Society of Washington. Husband of Anne H. Turner; father of Deborah L. (Andrew) Halpryn and Laura E. (Lee Burnett) Turner. He is also survived by a sister, Mary Magatelli and five grandchildren, Ted, Amelia and Clarissa Halpryn and Zoe and Zachary Burnett. Visitation will be on Sunday August 21 from 6 to 8 p.m. at DEMAINÉ FUNERAL HOME, 5308 Backlick Rd., Springfield, VA where services will be held Monday August 22 at 11 a.m. Interment will take place in Sattley, CA. In lieu of flowers, memorial contributions may be made in his name to Project SEED, c/o the Chemical Society of Washington, 1155 16th St. NW, Washington, DC 20036.



CSW asks that Project SEED donation checks be made out to CSW, with a note in the memo line specifying "Noel Turner's Memorial, Project SEED." Thank you for your understanding and cooperation.

Photos: Above, right: Noel's president-elect photo, 1984; Lower Left: Noel with then-president Carol Henry and Hillebrand Award-recipient Michael Kurylo, 2009; Lower Right: CSW dinner meeting, January 1990.



CSW Calendar of Events

CSW Board Meeting
October 3, 2011

October Dinner Meeting
October 13, 2011

November Dinner Meeting
November 17, 2011

December Dinner Meeting
December 15, 2011

Project SEED 2011, In Pictures

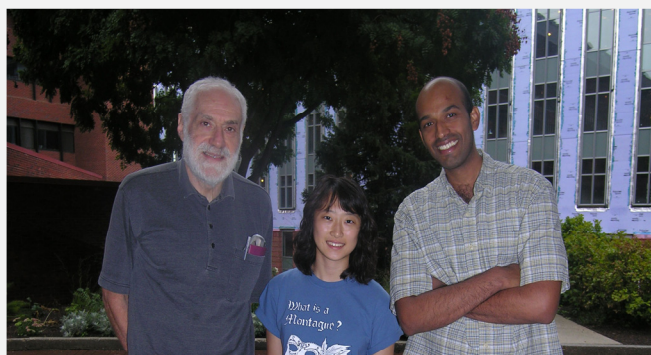
The ACS Project SEED Program places economically disadvantaged high school students in a variety of research environments (academic, industrial, and governmental) for a period of eight to ten weeks during the summer months. For the past 42 years, Project SEED has helped high school students who historically lack exposure to scientific careers expand their education and career horizons. The CSW Board of Managers is proud to announce that our 2011 Project SEED program successfully placed seven students in various laboratory settings in the Greater DC Metro area.



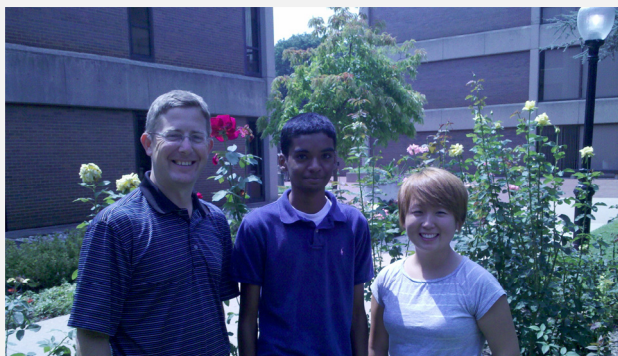
Mentor Dr. Shioh Wang (USDA) with student Alex Calderon, college summer students L. Manning and Linda Li, and CSW volunteers Jim Brown and Rolf Renner



Mentor Dr. Jennifer Giaccai (center) with students Anastasia Lewis (McKinley H.S.) and Donald Williams (Dunbar H.S.) at the Smithsonian Museum Conservation Institute in Suitland, Maryland



Mentor Dr. Richard Weiss with student Hyae-In Seo and Dr. Ajay Mallia, Georgetown University



Mentor Timothy Warren, student Aaron Weerasinghe, and Grad Student mentor Grace Jang, Georgetown University



Mentor Dr. Andrei Verdernikov (UMD) with student Pranish Katwal (far right), two Graduate students, and volunteers Jim Brown and Rolf Renner

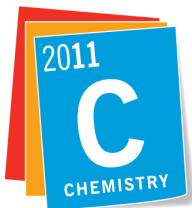


Mentor Dr. Lystranne Maynard-Smith (Howard Un.) and student Leslie Genao

International Year of Chemistry: Materials

The significant facets of recycling, properties of materials, and nano-materials will be introduced. Look around you. All the things you use in daily life are made of materials such as stone, wood, metal, paper, or plastic. Each of these materials is made of one or more kinds of chemicals. Since the beginning of time, people have been using the materials in their environment to make their lives easier and better.

Science and technology are amazing. We enjoy the creativity and hard work of scientists every day as we play music, communicate with friends, travel, wear new fashions, cook, stay warm or cool, recover from sickness, and do just about everything else in our lives. In so many ways, science and technology give us the power to live longer, more enjoyable lives.



International Year of CHEMISTRY 2011

What can you imagine?

More information on the third quarter of the International Year of Chemistry and the Celebrating Chemistry newsletter are available on the ACS website (www.acs.org/outreach).

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September 15: Writing a Winning Business Plan and Executive Summary

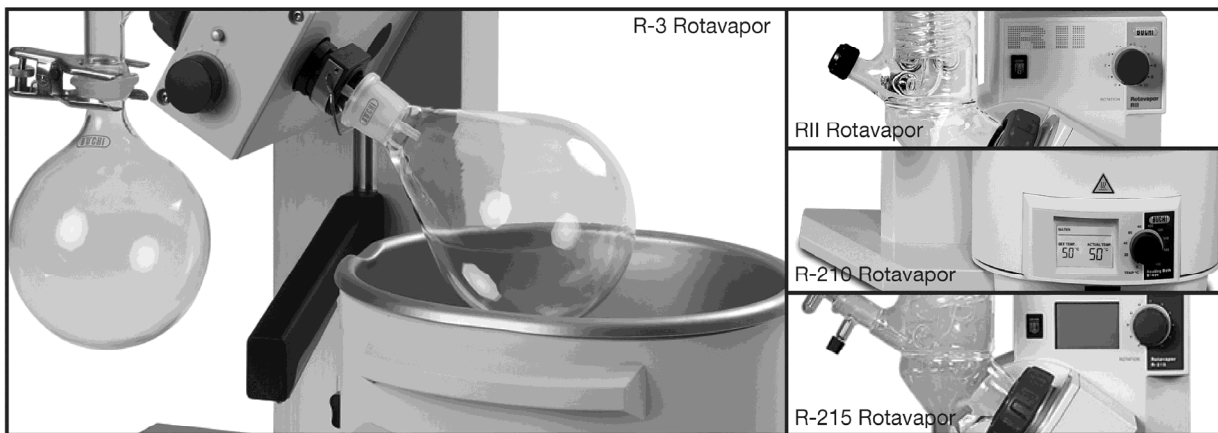
September 22: Filling in the Gaps of Employer-Sponsored Coverage

September 29: Role of Chemistry in Clinical Pharmacology-Toxicology



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Hillebrand, cont. from pg 1

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 e-mail, 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 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, 2011. The awardee will be announced before the end of the year, and the Prize will be presented at a CSW dinner meeting in March 2012.

National Chemistry Week, cont. from pg 1

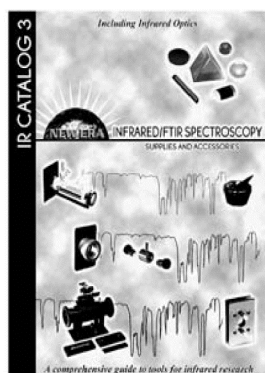
As part of the NCW 2011 celebration, CSW will be sponsoring a local NCW Illustrated Poem contest. Write and illustrate a poem using the National Chemistry Week theme, "**Chemistry – Our Health, Our Future!**" Your poem can be in **any** style as long as it is **no more** than 40 words. All entries must be received by the local NCW coordinator no later than Monday, October 24, 2011. 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).

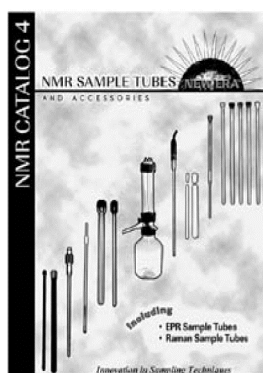
More information about local activities will be posted the CSW web site (www.csw-acs.org) as they become available. For further information, or to volunteer, contact the CSW NCW coordinator, Kim M. Morehouse via e-mail at Kim.Morehouse@FDA.HHS.GOV, or by phone at 240-402-1889 (day) or 301-384-7311 (evening).

SPECTROSCOPIC

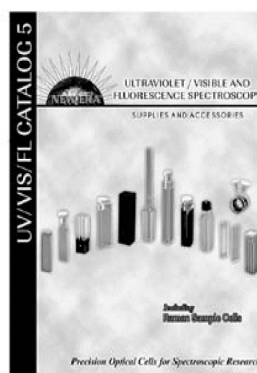
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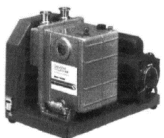
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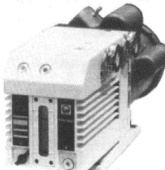


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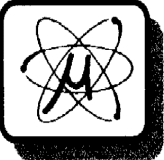
There are many companies and organizations searching for chemical and biochemical personnel to fill important jobs in their organizations.

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- Hospitals for technical and research personnel

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

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Green Chemistry conference held in June in Washington, DC

The 15th Annual Green Chemistry & Engineering Conference was held June 21-23, 2011 in Washington, DC, in partnership with the 5th International Conference on Green and Sustainable Chemistry. The annual conference is organized by the ACS Green Chemistry Institute® (www.acs.org/greenchemistry). A record number of over 660 attendees (42% increase over 2010) participated in three days of events along the theme, "Global Challenges, Green Chemistry Solutions." As an official event for the International Year of Chemistry, there was strong representation from around the world with 23% international attendees (versus 12% in 2010) from 29 different countries, as well as locally from members of our Chemical Society of Washington. The breakdown of attendees by professional discipline was very similar to 2010, as well as the percentage (65%) of first-time attendees: 36% industry, 25% academia, 18% students, 11% government, and 10% other.

Keynote speakers included Dr. H. Fisk Johnson (CEO of S.C. Johnson), Dr. Paul Anastas (Assistant Administrator of the Environmental Protection Agency's Office of Research and Development and Science Advisor to the Agency), Professor Ei-chi Negishi (Purdue University and 2010 Nobel Prize winner in chemistry), Dr. Martyn Poliakoff (Professor of Chemistry and Green Chemistry pioneer), and Dr. Janine Benyus (founder of the Biomimicry Institute).

Even if you missed the conference, you can watch some of the activities through these links:

- Interviews conducted in the Press room were broadcast live and are available online, <http://www.ustream.tv/channel/acslive>.
- Recordings of over 40 hours of keynote speakers and technical sessions are also now publically available,

<http://www.softconference.com/ACScheme/slist.asp?C=4532>.

- Take a look at the conference photo album of these events, <http://www.flickr.com/photos/acsgci/sets/72157627152772233/>.

Planning is already underway for the 16th Annual Green Chemistry & Engineering Conference (www.gcande.org), which will be held June 18-20, 2012 in Washington, DC. We hope you can join us as an attendee, volunteer, sponsor, or exhibitor!

Photo: Dr. Martyn Poliakoff, University of Nottingham



Auto Industry Session at the 15th ACS Green Chemistry and Engineering Conference 2011, Washington, DC.

Through the efforts of Joyce Kilgore of the ACS Green Chemistry Institute, General Motors provided a demonstration model of the Chevy Volt for the GC&E meeting participants to explore, but not drive! The Volt emphasizes the auto industry's current interest in green technologies and fuel-efficient, hybrid and electric cars. The first automotive session at the GC&E conference demonstrated the industry's

progress to date in green chemistry and engineering applications. The challenges and barriers to further applications were discussed, as well as the difficulties in setting goals for global environmental sustainability standards.



Photo: From left to right, Bob Peoples, ACS Green Chemistry Institute, Conference Co-Chair; Carol Henry, George Washington University, Auto Industry Session Chair and Past President Chemical Society of Washington; Berkeley "Buz" Cue, BWC Pharma Consulting, LLC, Conference Co-Chair; Chao-Jun "CJ" Li, McGill University, Conference Co-Chair; and Craig Crawford, CEO Ontario BioAuto Council.