

Welcome from CSW President, Dr. Robert Wiacek

It is an honor to serve as President for The Chemical Society of Washington this upcoming year and it will be a privilege to work with a talented and passionate Board of Managers. Thanks to the efforts of Mike Doyle, the section Councilors, and the entire Board of Managers, CSW underwent exciting changes this past year which I hope to continue into 2012. We are a unique local chapter within ACS, possessing a rich and diverse history and comprising of members that represent the academic, government, and private sectors. I believe we need to continue distinguishing ourselves both locally and nationally. My vision is to strengthen our existing relationship with ACS headquarters, to inspire and encourage younger chemists to participate in CSW governance, to develop new programs and events that will allow us to connect with an even larger audience, and to celebrate the efforts of our long-standing members who established CSW as a model ACS chapter.

We will begin our monthly dinner meetings on January 12th. January's dinner meeting will be held at the American Chemical Society Headquarters and it will feature Tina Bahadori, the Managing Director for the Long-Range Research Initiative (LRI) program at the American Chemistry Council (ACC). She will speak on identifying the health risks posed by chemicals and to improve the methods available for assessing those risks. Future dinner meetings are currently being planned for the winter and spring and will encompass a broad range of topics. Attending a dinner meeting is the easiest way to become involved with CSW and represents an excellent networking opportunity with the both the Board of Managers and other chemists in the area.



...Continued on Page 7

Dr. Tina Bahadori, ACC, to Speak at January Dinner Meeting



Dr. Tina Bahadori will be the featured speaker at the January dinner meeting. She will discuss the Long-Range Research Initiative (LRI; www.americanchemistry.com/LRI), an industry-sponsored collaborative initiative at the American Chemistry Council. Her abstract is located on page 3.

Dr. Tina Bahadori is the Managing Director for the Long-Range Research Initiative (LRI) program at the American Chemistry Council (ACC), an independent research program that supports chemical management decision making. Dr. Bahadori is the immediate Past President of the International Society of Exposure Science (ISES) and an Associate Editor of the *Journal of Exposure Science and Environmental Epidemiology (JESEE)*. She serves as a member of the National Academies Board on Environmental Studies and Toxicology (NAS BEST), a member of several NAS committees, a member of the Board of Scientific Counselors of CDC NCEH/ATSDR, and a member of the CDC NCEH/ATSDR *National Conversation on Public Health and Chemical Exposure* Leadership Council. Dr. Bahadori holds a doctorate in Environmental Science and Engineering from the Harvard School of Public Health.

Speaker Abstract Located on Page 3

The Capital Chemist™



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THE CHEMICAL SOCIETY OF WASHINGTON PRESENTS: 1107th Dinner Meeting

Thursday, January 12, 2012

ACS Hach Building (ACS Headquarters)

1155 16th Street, NW

Washington, DC

6:00 p.m. Social Hour

7:00 pm Dinner

COST \$20.00 Members & guests

\$10.00 Students

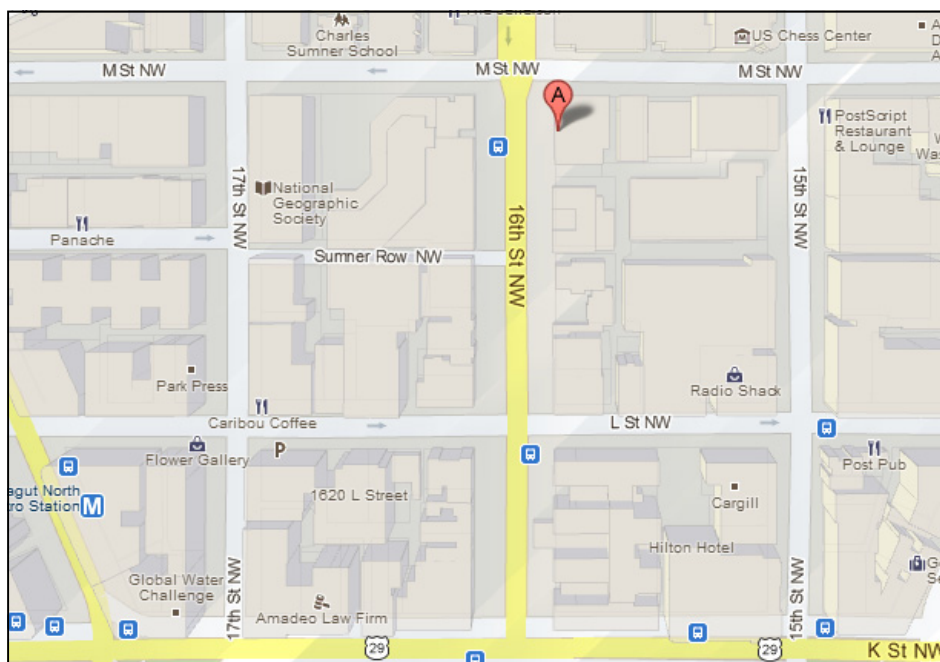
Menu includes: Chicken picatta and vegetable lasagna, served with garden salad, roasted potatoes, vegetable medley, fresh-baked bread, and assorted cookies. Menu will be served buffet-style.

Please make reservations by **Monday, January 9, 2012, 12:00 noon**, to the CSW office: csw@acs.org or 202-659-2650. Please designate the names in your party. The public is invited to attend. You may attend the talk only, but reservations are appreciated. **Those who make a reservation, but are unable to attend, should send a check for the cost of their meal to the CSW office.**

Directions: The ACS Hach Building is located at the corner of M & 16th Streets in Northwest Washington, four blocks north of the White House. Please note that 16th Street is two-way, and M Street is one-way west-bound.

Parking: Parking is available in nearby commercial parking garages (if you use a parking garage, please confirm that it is open past 10:00p.m., as some close earlier). **Parking is also available on the street after 6:30 pm but be aware that most parking meters are in effect until 10:00 pm and may be limited to 2 hours. (You should check the individual meters for details and payment methods as some are no longer coin-operated.)**

METRO: Blue/Orange Line: McPherson Square or Farragut West, Red Line: Farragut North.



Speaker Abstract, Dr. Tina Bahadori

Dramatic changes in regulatory landscapes have created an uncertain business environment for the chemical industry. Numerous drivers—product de-selection due to public perceptions of health risks, demands to understand potential risks to children, biomonitoring programs that detect ever lower levels of chemicals in our bodies, and a data explosion from rapidly advancing high-throughput chemical testing technologies—all underscore the critical need for those involved in the business of chemistry to actively engage in the transformation of chemical safety sciences.

Under voluntary and regulatory commitments, industry and the government conduct extensive (and expensive) chemical-specific testing using conventional methods with laboratory animals, producing

data that are difficult to relate to human health. Several national and international efforts are underway to shift to new biological tools (e.g., genomics, high-throughput assays, perturbations of toxicity pathways, computational toxicology) that are being developed to revolutionize risk-based decision-making. However, there is a danger that the indiscriminate and uninformed use of these methods will result in a massive new body of data that itself cannot be interpreted in terms of human risk.

This presentation will discuss how an industry-sponsored collaborative initiative, the Long-Range Research Initiative (LRI; www.AmericanChemistry.com/LRI) identifies and fills gaps in the understanding about health risks posed by chemicals and improves

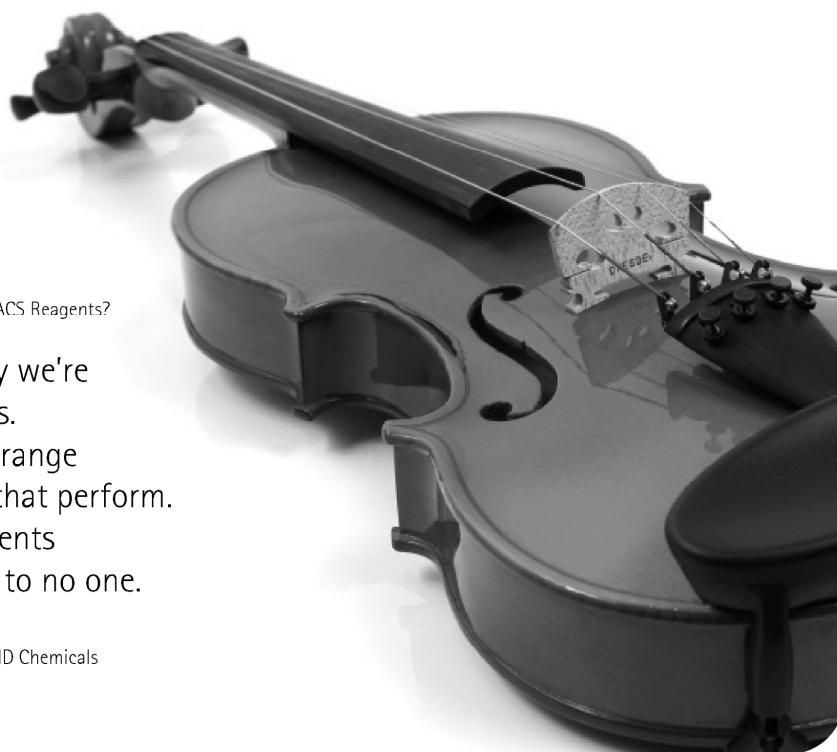
the methods available for assessing those risks. Its integrated research programs include three priority areas: effective interpretation of data generated by the new technologies that are modernizing toxicological testing; innovative approaches to characterize and predict everyday and incidental exposures of consumers to chemicals and chemical mixtures; and science translation and outreach, which facilitates the use of scientific discovery as part of the decision making process regarding the safety of chemicals. Through its research and translation, the LRI aims to improve the efficiency and effectiveness of chemical safety assessments, and catalyze innovations to shorten the time to market for new materials and less toxic alternatives.

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Project SEED Mentor Proposals Due January 30

Are you interested in becoming a Project SEED mentor for 2012? The deadline for Project SEED mentors to send their research proposals is January 30, 2012. For complete guidelines, visit www.acs.org/projectseed. If you have any questions, contact Walter Benson, CSW Project SEED Coordinator, at wbenson270@aol.com.

It's also time for high school teachers and councilors to begin thinking about potential Project SEED candidates for 2012. In order to be eligible to participate in Project SEED, students need to have completed a year of chemistry class by June 2012, and be able to prove economic disadvantage. For information on Project SEED and student eligibility, please visit the Project Seed website at www.acs.org/projectseed.

To obtain student financial statement forms and applications, please write to the American Chemical Society at:

American Chemical Society

Attn: Mrs. R. Rasheed, Project SEED
1155 Sixteenth Street, NW
Washington, DC 20036



The deadline for students to send completed financial statements and applications is May 31, 2012, though should be sent as soon as possible. Applications and financial statements should be sent to Dr. Walter Benson, wbenson270@aol.com

Project SEED 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 41 years, Project SEED has helped high school students expand their education and career outlooks by providing opportunities for students who historically lack exposure to scientific careers.



Project SEED sponsoring teacher, Gideon Sanders, McKinley Technical High School, left, was recognized at the December CSW dinner meeting. Also pictured is Dr. Walter Benson, Project SEED coordinator, right.

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CSW Historical Spotlight: Dr. Leo Schubert and the Schubert Award

This month, the *Capital Chemist* would like to highlight the successes and recognize the character of Dr. Leo Schubert (1916-1978), for whom the CSW Schubert Award is named. Each year, CSW presents the Schubert Award to an individual who most represents the character of Dr. Leo Schubert. This year's Schubert award winner was Douglas Errett, St. Albans School (pictured, right, with Douglas Raber).

From the September 1978 *Capital Chemist*:

Dean Frank Turaj said it so eloquently, "There is not a member of this community whose working days are not visibly touched by the fact that Leo Schubert worked among us."

The word "community" embraces not only all the local universities, the local government agencies, the local professional societies, but the National and International as well. Incomprehensible! It would take volumes just to list his honors, awards, accomplishments—professional or otherwise. In 1974, he received



an award for "Advancement of Human Rights and Fundamental Freedoms" from the United National Association, United States of America. Thousands of students, world-wide,

acknowledge daily the impact that Professor Leo Schubert had upon their lives, all for their betterment, their scholarship, their happiness.

...Continued on Page 7

CSW Elections Results: Your 2012 CSW Officers, Councilors, Alternate Councilors, and Managers

ELECTED OFFICERS

President – Robert Wiacek
President Elect – Douglas Raber
Past President – Michael Doyle
Secretary – Alan Anderson (through 2013)
Treasurer – Kathryn Hughes (through 2012)

COUNCILORS

Regina Cody (through 2014)
Jennifer Young (through 2014)
James Zwolenik (through 2014)
Joseph Antonucci (through 2013)
Carol Henry (through 2013)
Bhushan Mandava (through 2013)
John Malin (through 2012)
Kim Morehouse (through 2012)
John Ruth (through 2012)

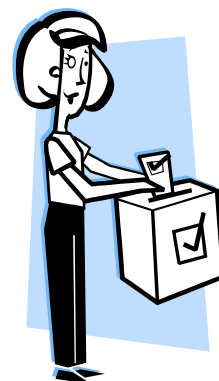
ALTERNATE COUNCILORS

Philip DeShong (through 2014)
Monika Konaklieva (through 2014)

Robert Wiacek (through 2014)
Fred Metz (through 2013)
Amy Mullin (through 2013)
Jason Schaff (through 2013)
Robert Barron (through 2012)
Elise Ann Brown (through 2012)
Daron Freedberg (through 2012)

MANAGERS

Alan Ehrlich (through 2013)
Catherine Fenselau (through 2013)
Zory Glaser (through 2013)
Kelli Golanoski (through 2013)
Ajay Mallia (through 2013)
Wayne Wolf (through 2013)
Walter Benson (through 2012)
Robert Brenneman (through 2012)
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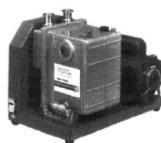
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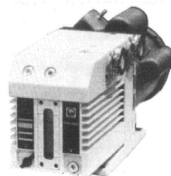
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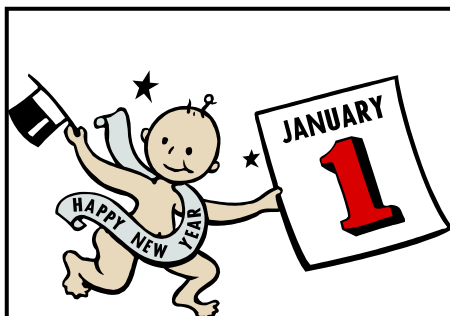
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from CSW!**

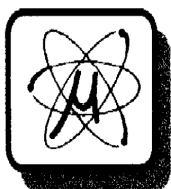
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Schubert, Continued from page 5

Leo was born in New York City in 1916. He obtained his Bachelor's degree from CCNY in 1936, and worked in the Post Office while studying for his Master's degree at NYU. He came to the National Bureau of Standards in 1942, continuing his studies at the University of Maryland, obtaining his Ph.D. in 1954. While at the Bureau he started teaching part-time at the American University and joined the University full-time as chairman of the Chemistry Department in 1951. He built the Chemistry department up

to the current 15 member department. He designed the present Beeghly Chemistry Building and he helped to see it bursting with activity. He was so dedicated to education, the young, the old, the handicapped, the underprivileged, the University, the high school, the secondary school, the inner city—you name it, he had an institute for it.

Nominations for the Schubert Award are due on June 1 of each year, and the award winner is honored at the December CSW Dinner Meeting.

CSW Calendar of Events

January Dinner Meeting

ACS Headquarters, Washington, DC
Speaker: Dr. Tina Bahadori
January 12, 2012

February Dinner Meeting

University of Maryland
Speaker: Dr. Jonathan Deeds
February 9, 2012



President's Welcome, cont. from page 1

Project SEED continues to be a huge success for CSW, largely in part to the tireless work of Walter Benson. Not only is it our largest outreach program, but I believe it is our most important, as it funds economically disadvantaged high school students to participate in summer research programs throughout the Washington DC metropolitan area. This year we are increasing the number of students participating in this program and we will need your help in finding new laboratories and mentors to allow these students to experience the wonders and joy of chemistry.

Other outreach opportunities are also available through CSW, including Chemistry Olympiad, Chemists Celebrate Earth Day (CCED), Chemathon, and National Chemistry Week (NCW). These programs are only possible through the dedication

of board members, such as Kim Morehouse and Regina Cody, and the volunteers that work with them to insure the success of these events. If you are interested in volunteering to any of these events, contact any one of the members on the Board of Managers and we will be happy to discuss how you can help.

One critical deficiency of CSW that I will focus on in the following year will be to increase the number of members voting in our annual elections. Less than 1% of our nearly 4000 members participated in last year's elections; this is despite the fact that we had one of the largest slates of candidates for President-Elect, Councilors, and Managers in recent years! Just as we made the shift for the Capital Chemist to an electronic format, a similar shift to electronic balloting needs to be made for our elections. Other ACS chapters have seen member voting increase up to 25% after shifting to

electronic balloting and I believe that would be a positive change for CSW.

As with research, governance is best when new ideas and view-points are periodically added to the discussion. Since Carol Henry's tenure as President, the Chemical Society of Washington has been dedicated to increasing the participation of younger and mid career chemists in all of our programs. We have made great strides in that direction, but we can do even better! Consider making the change from member to active member and participating in all of the wonderful opportunities that CSW offers. And make no mistake, these are rewarding activities for all participants and can provide a welcome respite for those volunteers struggling to find balance between life and the laboratory. We welcome and value your participation!

Sincerely,
Rob Wiacek, CSW President

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