

THE CAPITAL CHEMIST



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

Message from the President: 2015 CSW Electronic Elections Procedures

Contributed by Alan Anderson, CSW President

The CSW Nominations and Elections Committee is proud to present an outstanding slate of candidates for the 2015 election. Positions for Officers, Councilors and Managers with terms beginning in 2016. On the following pages, detailed candidate information, including biographies and statements are listed in alphabetical order for each office. Candidate statements will also be available with your ballot. By participating in our annual election you will play an important role in deciding the direction of the Chemical Society of Washington. Voting begins October 15 and is restricted to members of the Chemical Society of Washington.

How to Vote:

Electronic Voting 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 11 you will receive an e-mail with instructions for accessing the secure voting website, along with a unique voter ID code. If your e-mail account has strong spam filters, please “white list” elections@vote-now.com and election.ballot@votenow.com in order to ensure that you receive your voter ID code.

Mailed Ballots CSW members without an email address in their ACS member record, those who have opted out of CSW email communications, or whose ballot e-mail is returned as undeliverable will receive a paper ballot package with voting instructions and candidate statements.

Voting deadline:

The deadline for voting is November 15, 2015 at 11:59 p.m. EDT. The internet voting system will shut down at exactly at 11:59 p.m. Eastern Daylight Time on November 15, 2015.

Results will be announced in the *Capital Chemist* December Issue.

We want CSW to be representative of its members, but we need your help! This is your chance to make your voices heard! Thank you in advance for your participation and if you have questions about the new voting process, or if you do not receive a ballot by October 21, please do not hesitate to contact us at csw@acs.org.

Deadline Extended: Hillebrand Prize Nominations Due 11/2

Nominations are invited for the 2015 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 internationally 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.

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October 2015

Featured Items:

- Learn about the candidates for the 2015 CSW Election
- National Chemistry Week's Theme: "Chemistry of Color"
- Nominate someone for the Schubert or Gordon awards
- Nominate someone for the Hillebrand Prize

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Hillebrand Prize, Continued

How to nominate:

Nomination packets must include:

- A nomination letter
 - The nomination letter must be limited to 1000 words.
- Seconding letters.
 - Two seconding letters may be sent, limited to a maximum of 500 words.
- A Curriculum Vitae
- List of publications
- A proposed citation (not more than 25 words)

The nomination package should be submitted by email, preferably as PDF files(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 November 2, 2015. The awardee will be announced before the end of the year, and the Prize will be presented at the CSW dinner meeting in March 2016.

Now Accepting Nominations for the CSW Schubert Award

Contributed by Katrice Lippa

The Chemical Society of Washington (CSW) is pleased to announce the call for nominations for the Leo Schubert Memorial Award to recognize an outstanding teacher of high school chemistry in the Washington, D.C. area. The award was established in 1979 to honor Dr. Leo Schubert, a chemistry professor at American University who devoted much of his career to developing programs for high school teachers and students. The Schubert award consists of a \$500 honorarium and a certificate, which will be presented at the January 2016 CSW dinner meeting.

Nominations for the award must be comprehensive in describing the nominee's accomplishments in areas such as innovation in teaching, writing curricula, outside teaching, papers published, involvement in science fairs, and postgraduate study. The application may also include supporting letters, as well as any supporting documents that concisely illuminate the nominee's accomplishments.

To be eligible for the CSW Schubert award, the nominee must currently teach chemistry at a secondary school in the geographic region of the Chemical Society of Washington, which includes metropolitan Washington, D.C. and the neighboring counties in Maryland and Virginia – Arlington, Fairfax and Loudoun Counties in Virginia, and Montgomery, Prince George's, Charles, Calvert and St. Mary's Counties in Maryland. The region of CSW also includes six counties on the Eastern Shore of Maryland – Caroline, Talbot, Dorchester, Wicomico, Worcester and Somerset.

A CSW Schubert Award nomination form is available directly via The Capital Chemist website (<http://www.capitalchemist.org/the-chemical-society-of-washingtons-leo-schubert-memorial-award-2015-nomination-form/>). Alternatively, a pdf version of the nomination form can be obtained by an e-mail request to csw@acs.org. Completed pdf nomination forms can be sent directly to csw@acs.org. All nominations must be submitted by **November 15, 2015**. Please contact Katrice Lippa at katrice.lippa@nist.gov if you have any questions.

Now Accepting Nominations for the Charles L. Gordon Memorial Award

Contributed by Kim Morehouse

Named after Charles Gordon for his years of service as managing editor of the *Capital Chemist*, the Charles L. Gordon Memorial Award is given in recognition of exemplary service by a CSW member to the profession of chemistry, to the science of chemistry, and/or to the Chemical Society of Washington. Nominations are invited for this award, consisting of a plaque that will be presented at the February CSW dinner meeting. A written nomination should include a description of the accomplishments on which the nomination is based. Additional documentation that includes seconding letters and the nominee's CV are welcome.

Completed nominations for the Charles L. Gordon Award are due on or before November 15, 2015. The nomination should be submitted electronically to csw@acs.org. Please contact the Chair of the Awards Committee, Kim M. Morehouse at kim.morehouse@fda.hhs.gov, if you have any questions.

Retired Chemists Group Luncheon and Presentation, 10/20

Every year, illegal telemarketing and mail fraud schemes rob consumers, often elderly citizens, of their hard-earned life savings. Come to our luncheon meeting on October 20 and hear the presentation of Charles B. Wickersham, U.S. Postal Inspector: "Protecting Older Americans from Financial Scams".

Charles Wickersham has been a United States Postal Inspector since 2006. From 2006 to 2008 Inspector Wickersham was a member of the Amerithrax Task Force, investigating the 2001 anthrax attacks. Since 2008 he has served with the Washington Division's District of Columbia Mail Fraud Team. This team investigates a variety of crimes such as mortgage fraud, counterfeit goods, embezzlement, and false lottery and sweepstakes fraud. He is a member of the Association of Certified Fraud Examiners and has been a Certified Fraud Examiner since 2010. Inspector Wickersham holds a Masters in Business Administration from Webster University. cbwickersham@uspis.gov, 410-715-7757

Luncheon Information

Alfio's La Trattoria Restaurant

4515 Willard Ave. Chevy Chase, MD

Social: (no-host bar) 11:30 am; Lunch: 12:00 noon; Presentation: 1:15 pm

Menu choices: (1) Chicken Dorati, (2) Veal Piccata, (3) Veal Parmigiana, (4) Broiled Filet of Flounder, (5) Eggplant Parmigiana. All entrees will be served with house salad, bread, beverage and dessert.

Reservations

Please send your menu selection(s) along with a check for \$27 per meal, by October 16, to Dr. Jerome McDonald, 19636 Olney Mill Rd., Brookeville, MD 20833, Tel: 301 570-4865.

ALFIO'S offers free valet parking; the Friendship Heights metro station is within walking distance.

2015 CSW High School Chemistry Olympiad

Contributed by Regina Cody, 2015 Chemistry Olympiad Coordinator

Great news for the 2015 CSW High School Chemistry Olympiad! One of our local students not only attended the Study Camp but was a member of the U.S. team that participated in the International Chemistry Olympiad in Baku, Azerbaijan. Read on; details later.

The U.S. High School Chemistry Olympiad is an annual program for high school students that has been organized by the American Chemical Society (ACS) since 1984. The CSW is proud that it has participated in this Olympiad each year. The CSW conducts its Chemistry Olympiad in two levels; the first level is the Local Section examination in March and the second level is the U.S. National examination in the latter half of April. For the National exam, ACS allotted the CSW nineteen student places with the rule that a maximum of two students can be from one school. The Local Section examination purchased from ACS was used to select these 19 students, and we work with the high school chemistry teachers for this purpose. E-mails were sent to teachers asking for the nomination of up to fourteen students to take the Local Section exam, which is a multiple choice of 60 questions. Teachers from thirteen high schools nominated a total of 129 students. Nine of the high schools are in Maryland, two are in Virginia, and two private are in Washington, D.C. The teachers administered the Local Section Exam to their students and returned the answer sheets to the CSW Coordinator, Regina Cody, for grading with the answer key from ACS. From the results of this exam the 19 students from 12 schools were selected to take the National Exam for the CSW. Because she had attended the 2014 Study Camp, Janice Ong from Thomas Jefferson High School for Science and Technology automatically qualified for the 2015 National Exam and was our 20th student. All the students who took the Local Section Exam received Certificates of Participation—as did their teachers. Those students who scored 40 or above received Certificates of Honors (40-49) or High Honors (50-60).

For the past twelve years, the Chemistry Department of the Catholic University of America had generously hosted the National Chemistry Olympiad Exam, but due to building renovations they could not do so this year. CSW President Alan Anderson found us a new site for this exam at the Germantown Campus of Montgomery College. The National Exam was given on April 17th in the new Bioscience Education Center. This exam consists of three separate parts: one written multiple choice, one written essay response, and one laboratory practical. The ACS has a separate grading site to grade the National exam.

This National exam was given in the same time period, April 14-20, 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 2-17 at the Air Force Academy in Colorado. Janice Ong from Thomas Jefferson High School for Science and Technology, Fairfax County, VA, attended the 2015 Study Camp; she had attended the 2014 Study Camp and also participated in the National Exam in 2013. Toward the end of the Study Camp, Ms. Ong was selected as a member of the 2015 U.S. team to participate in the 47th International Chemistry Olympiad held July 20-28 in Baku, Azerbaijan, where she earned a silver medal. **Janice, congratulations on a very successful Olympiad!** She is now attending the Massachusetts Institute of Technology. The other three members of the U.S. team were David Wang of Monta Vista High School, CA, who won the seventh highest ranking gold medal as well as the highest score in the lab practical examination, and silver medalists Soorajnath Boominathan of Oklahoma School of Science and Mathematics, OK and Bryce Cai of Barrington High School, IL. The USA Team competed against 286 students from 74 countries.

The twenty students who took the U. S. National Exam for the CSW are listed below along with their teachers and high schools. These students and teachers received ACS Certificates.

Student		Chemistry Teacher		High School	City, State
Trevor	Penix	Suzanne	Kistler	Calvert High School	Prince Frederick, MD
Yasmin	Alamdeen	Xu	Duan	Holton – Arms School	Bethesda, MD
Olivia	Thomas	Xu	Duan	Holton – Arms School	Bethesda, MD
Amil	Agarwal	Sacha	Place	Landon School	Bethesda, MD
Tyler	Larkworthy	Leah	Puhlick	Langley High School	McLean, VA
Aaditya	Singh	Leah	Puhlick	Langley High School	McLean, VA
Ryan	Williams	Pauline	M. Owen	Leonardtwn High	Leonardtwn, MD
Arjuna	Subramanian	Tran	Pham	Montgomery Blair High School Magnet Program	Silver Spring, MD
Victor	Xu	Tran	Pham		
Diana	Hla	Connor	Ahlborn	National Cathedral	Washington, DC
Jesse	Huang	Brendan	Mallory	Richard Montgomery High School	Rockville, MD
Kevin	Ying	Brendan	Mallory		
Amal	Mattoo	Laura	Barrosse-Antle	Sidwell Friends School	Washington, DC
Nicole	Profit	Laura	Barrosse-Antle	Sidwell Friends School	Washington, DC
Janice	Ong	Hadan	Kauffman	Thomas Jefferson High School for Science and Technology	Alexandria, VA
Joyce	Tian	Hadan	Kauffman		
Lawrence	Wang	Hadan	Kauffman		
Gabriella	Han	Brett	Bentley	Thomas S. Wootton High School	Rockville, MD
Shannon	Jin	Brett	Bentley		
Ho-Jung	Yang	Patricia	Richards	Walter Johnson H.S.	Bethesda, MD

The CSW thanks very much the individuals below who gave generously of their time and knowledge to make the National Exam day possible.

- At the Germantown Campus of Montgomery College, Professor Scot Magnotta, Chair of the Chemical and Biological Sciences Department and Vivian Kruft, Lab Manager, who did all the preparation for the Lab Practical.
- Dr. Elinor Santor, Retired, who helped proctor the written exams and assisted in the breakfast-lunch room.
- Mr. Xu Duan, chemistry teacher at Holton-Arms School, who helped proctor the lab practical, did initial lab clean-up, and assisted in the breakfast-lunch room.
- Dr. Alan Anderson, CSW President, who helped immensely in locating a new exam site and procured chemicals for the lab practical.

Celebrate National Chemistry Week October 18-24, 2014

Contributed by Kim Morehouse, CSW NCW Coordinator



The NCW 2015 theme is "Chemistry Colors Our World", focusing on the chemistry of food colors and fireworks, rainbows, natural dyes and pigments, and more. The electronic version of the *Celebrating Chemistry* Newsletter is available from the ACS website (www.acs.org/ncw).

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 (see below). You can contribute to the NCW campaign by performing chemical demonstrations at a neighborhood school (consider having an illustrated poem contest); 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.

More information about local activities will be posted on the CSW (www.csw-acis.org) or the *Capital Chemist* (www.capitalchemist.org) websites 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).

NCW 2015 Illustrated Poem Contest

Each year as part of National Chemistry Week (NCW) activities, the American Chemical Society (ACS) sponsors an illustrated poem contest for students in Kindergarten – 12th grades. Schools are encouraged to have a contest within the school as part of their classroom studies and submit one entry per grade category. CSW will be sponsoring a local NCW Illustrated Poem contest. The National illustrated poem contest is focused on the National Chemistry Week theme, "Chemistry Colors our World!". Participants are encouraged to explore topics related to the chemistry of dyes and pigments, natural and artificial colors, absorbed and reflected light, or any other relevant topic. 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 Friday, November 6, 2015. 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).

NCW at the John Eaton Elementary School Block Party

On Saturday, October 17, 2015, The ACS Office of Community Activities will once again be participating in the annual block party at John Eaton Elementary School (3301 Lowell Street, NW) in the Cleveland Park Neighborhood of Washington, DC. The event runs from 11:30 am to 4:00 pm with set up from with set up starting at 10:30 am. Volunteers will be assisting with hands on activities for the children who attend and handing out NCW themed publications and “goodies.”

NCW at the Family Fun Festival in Crystal City

On Sunday, October 25, 2015, CSW will once again be participating in the Family Fun Festival event in Crystal City, Arlington, VA in conjunction with the Marine Corp Marathon, from 9:00 am to 2:00 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.” You do not need to be at the event the full time, just let us know what times you would be available to volunteer.

If you would like to volunteer for either if these events, please contact the CSW NCW Coordinator Kim Morehouse (kim.morehouse@fda.hhs.gov).

Save the date: National Historic Chemical Landmark Event

Please join us as the American Chemical Society dedicates the USDA Beltsville Agricultural Research Center as a National Historic Chemical Landmark for the isolation of phytochrome.

Where

U.S. Department of Agriculture, Beltsville Agricultural Research Center
10300 Baltimore Ave., Building 003 Auditorium, Beltsville, MD 20705

When

Wednesday, Oct. 21, 2015
NHCL Designation Ceremony, 10:00 a.m. to noon
Phytochrome Symposium, 1:30 to 4:30 p.m.

RSVP

Events are free, but RSVPs are required. In order for us to maintain an accurate list of attendees, please indicate whether you wish to attend the designation ceremony, symposium, or both. Email Jim Polous at Jim.Poulos@ars.usda.gov. Photo identification will be required onsite.

ACS Contact

For questions about the ceremony or the NHCL program, email Keith Lindblom, ACS NHCL Manager, at k_lindblom@acs.org.

In 1959, researchers at the USDA Beltsville Agricultural Research Center first isolated phytochrome, a light-sensitive pigment found throughout plant species. Phytochrome allows plants to regulate many growth and development processes by detecting light and darkness. For example, some flowers bloom based on changes to day length over the course of their growing season in a phenomenon known as photoperiodism. Understanding phytochrome's role in plant development allows scientists to produce commercial crops for seasons and latitudes not previously possible, both by manipulating the environment through lighting controls and by breeding plants with desirable photoperiodic traits.

2015 CSW Candidate Statements

Candidate for President-elect

Jason Schaff

Candidate for Secretary

Jennifer Young Tanir

Candidates for Councilor

Allison A. Aldridge

Dennis Chamot

Matt Windsor

Christopher Avery

Bhushan Mandava

Darryl A. Boyd

Kim M. Morehouse

Candidates for Manager

Alan M. Ehrlich

Mukes Kapilashrami

Bradley Scates

Zory Glaser

Amol A. Kulkarni

Candidate for President-elect

Jason Schaff

I am honored to be nominated for the office of President-Elect of this storied organization. I have served CSW for almost a decade in a variety of roles; six years as Secretary, as a member of the organizing committees for three different community outreach symposia, and as a member of numerous committees of the Board of Managers, including the budget committee, which I have chaired for the last four years. I believe that this long history of service provides me the breadth of experience needed to be an effective leader for CSW. The real heart of CSW, however, is not its leadership, but the many volunteers who freely give their time and effort to ensure the excellence of our many programs. If elected I promise to do everything possible to see that CSW provides these dedicated volunteers with the support they need in order to continue this fine tradition. One special challenge on the horizon is the Fall 2017 ACS National Meeting, which will be held in Washington. I was a member of the host committee for the Fall 2009 National Meeting; experience I believe can be put to use helping us face this challenge with distinction.



Education

University of Minnesota, Ph.D., Analytical Chemistry, 1997

Yale University, B.S., Chemistry, 1991

Professional Experience

Forensic Toxicologist (US DOJ) Quantico, VA 04/1999 - present

Post-Doctoral Fellow (IU Medical Center) Indianapolis, IN 04/1997 - 03/1999

Technical Intern (3M) St. Paul, MN 06/1991 - 08/1991

Leadership Positions and Significant Activities in ACS National Offices, ACS Local Sections, ACS Divisions, or Other Scientific Groups and Organizations

Councilor (ACS / CSW) 2014 - present

Alternate Councilor (ACS / CSW) 2012 - 2013

Secretary (CSW) 2006 - 2011

2015 CSW Candidate Statements, Continued

Chair, Budget Committee (CSW) 2012 - present

Co-Chair, Chemical Toxicology in Action symposium (CSW) 2009

Candidate for Secretary

Jennifer Young Tanir

It would be my honor to continue serving as CSW's Secretary for another two years. As Secretary, I have supported the CSW Presidents, developed board meeting agendas and meeting materials, prepared meeting minutes, and kept up with other secretarial duties. I also led the interview process and training for CSW's new administrative assistant during 2015. I hope to continue serving as part of CSW's leadership, enhancing CSW's programs and expanding participation by CSW's membership.

Education

University of Richmond, B.S., Chemistry

University of North Carolina at Chapel Hill, Ph.D., Organic/Polymer Chemistry

Professional Experience

Health and Environmental Sciences Institute Washington, DC 2011-present

ACS Green Chemistry Institute Washington, DC 2004-2011

DuPont Wilmington, DE 2000-2004

Leadership Positions and Significant Activities in ACS National Offices, ACS Local Sections, ACS Divisions, or Other Scientific Groups and Organizations

CSW Secretary 2014-2015

CSW Councilor 2012-2014

CSW Manager 2010-2011

ACS Committee on Environmental Improvement/Associate 2013-2015



Candidates for Councilor

Allison A. Aldridge

I am asking for your vote to elect me to serve as your councilor for CSW. I am a public servant with over 15 years' service to ACS. I currently serve on the chemists with disabilities committee and work as a career consultant. Our proximity to Washington, DC is our advantage.

Join me in this campaign to:

- Champion chemistry's role in natural resource conservation and environmental stewardship
- Advocate for 21st Century Chemistry Careers in the U.S.
- Sponsor member benefit programs on developing successful grants, post doc career transition, intellectual property protection and entrepreneurship
- Engage and encourage greater student, industry and government chemist participation



2015 CSW Candidate Statements, Continued

As your voice to ACS, I will foster an alignment of our members' needs with ACS opportunities/services.

Education

Loyola University Chicago, Ph.D., Chemistry

University of Illinois at Urbana-Champaign, B.S., Biology

Professional Experience

Team Lead at FDA Silver Spring/MD 2011-Present

Director at Speed Laboratory Buford/GA 2009-2011

R&D Analytical at Mikart Inc. Atlanta/GA 2005-2011

Assoc. Research Investigator at Abbott Laboratories North Chicago/IL 2000-2005

Senior R&D Scientist at Unilever HPC USA Rolling Meadows/IL 1997-2000

Leadership Positions and Significant Activities in ACS National Offices, ACS Local Sections, ACS Divisions, or Other Scientific Groups and Organizations

Chair of CMA 2009-2011

Secretary of PROF 2004-2008

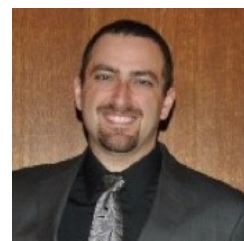
Chair-Elect Chicago Section 2005

Councilor Chicago Section 2004-2005

Alt. Councilor Chicago Section 2001-2003

Christopher Avery

I am honored to be nominated as a candidate for CSW Councilor. I currently serve as a Councilor on our Board, and as the Publications Committee Chair and Editor-in-Chief of The Capital Chemist. As Publications Chair, it is extremely important to me that the membership of CSW be empowered to be more involved in our organization. As a result, my committee launched this year our new website: www.capitalchemist.org. This was a huge accomplishment, and puts CSW at the very front of the pack of local sections, in terms of leveraging the internet to engage our membership. We are now the model that all local sections are compared to, and I ask for your vote so we can continue our work and remain at the forefront. Additionally, I am currently a Member of the ACS Committee on Environmental Improvements, and would love the opportunity to continue to represent CSW to ACS leadership. Finally, as a former ACS Congressional Fellow, I have a passion for scientists pursuing alternative career paths, and ask for your vote to continue to promote development of communities, resources, and jobs for chemists seeking new opportunities.



Education

University of Michigan, Ph.D., Analytical Chemistry

University of Michigan, Certificate, Policy

University of Michigan, M.S., Chemistry

Hope College, B.S., Chemistry

Professional Experience

Senior Advisor, Department of Energy Washington, DC 2012-present

ACS Congressional Fellow, United States Senate Washington, DC 2011-2012

2015 CSW Candidate Statements, Continued

Mirzayan Fellow, The National Academies Washington, DC 2011

Leadership Positions and Significant Activities in ACS National Offices, ACS Local Sections, ACS Divisions, or Other Scientific Groups and Organizations

Publications Committee Chair, CSW & Editor-in-Chief, The Capital Chemist 2014-present

Member, ACS Committee on Environmental Improvements 2013-present

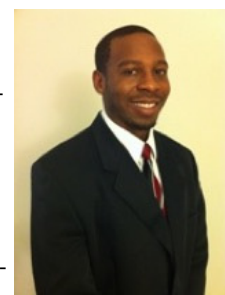
Councilor, CSW 2015-present

Manager, CSW 2013-2015

ACS Congressional Fellow 2011-2012

Darryl A. Boyd

Dr. Darryl A. Boyd was born and raised in Kalamazoo, Michigan. He attended the University of Michigan where he obtained a B.S. in chemistry while working with Professor Vincent Pecoraro. He then attended Purdue University, obtaining an M.S. in biochemistry before earning a Ph.D. in inorganic chemistry from Professor Tong Ren's lab. Upon completion of his doctorate, Dr. Boyd did a postdoc in Professor Frances Ligler's lab at the US Naval Research Laboratory (NRL) in Washington, DC as a prestigious National Research Council Research Associate. He recently served a term as a Jerome & Isabella Karle Fellow, conducting science as a Research Chemist in the Optical Sciences Division of NRL. Dr. Boyd's current research focuses on polymer chemistry with an emphasis on sulfur-based materials and polymers fabricated via thermal- and photo-polymerizations. It is his desire to increase the diversity of the CSW. Dr. Boyd believes diversity not only includes those of different racial and gender backgrounds, but it also means reaching out to those in chemistry related fields (e.g. agricultural engineers, food scientists). Having many years of experience leading various groups, Dr. Boyd believes he can assist the CSW in this goal while maintaining CSW's prestige and prominence.



Education

Purdue University, Ph.D., Inorganic Chemistry

Purdue University, M.S., Biochemistry

University of Michigan, B.S., Chemistry

Professional Experience

Research Chemist Washington, DC 08/18/2014-present

NRC Postdoc (Research Chemist) Washington, DC 05/16/2011-08/15/2014

Leadership Positions and Significant Activities in ACS National Offices, ACS Local Sections, ACS Divisions, or Other Scientific Groups and Organizations

42nd NOBCChE National Conference Planning Committee 2015

248th ACS National Conf. - Polymer Division - Session Chair - New Synthesis and Characterization of Polymers 2014

President - Purdue NOBCChE Student Chapter 2008-2010

Founder & Organizer - Purdue NOBCChE Research Symposium 2009

President - University of Michigan NOBCChE Student Chapter 2001-2003

2015 CSW Candidate Statements, Continued

Dennis Chamot

I have served CSW in a variety of positions, currently as alternate councilor and president-elect, and also have many years of experience at the national ACS level, as a former 10-year member of the Board of Directors, a past divisional councilor, and candidate for national president. Much of what happens at the national level that is of importance to CSW members (e.g., determination of dues and meeting fees; development of programs that serve local sections and unemployed members; creation of technical divisions; choosing candidates for national offices; and much more) involves the members of the Council. I seek the office of CSW Councilor so that, as a councilor, I can better utilize my experience and broad contacts for the benefit of the members of the Chemical Society of Washington. I would be grateful for your vote.



Education

University of Illinois, Ph.D., Chemistry

Wharton School, U. Penn., MBA, Labor relations

Professional Experience

Associate Executive Director, National Research Council Washington, DC 1994-2014

retired 2014 - present

Leadership Positions and Significant Activities in ACS National Offices, ACS Local Sections, ACS Divisions, or Other Scientific Groups and Organizations

CSW president-elect 2015

ACS Board of Directors 2001- 2012

CSW Board of Managers 2013-present

Fellow, ACS and AAAS

CSW Charles Gordon Award

Bhushan Mandava

I received several honors including Hillebrand Prize, Gordon Award and Community Service Award from CSW and Ann Nalley Award from ACS-MARM. Other non-ACS awards include DCIC Honor Scroll and USDA Superior Service Award. I was elected as Fellow of American Chemical Society for my contributions to Society and Science, and I consider it a Great Honor to me. I was also elected as Fellow of American Institute of Chemists. I have been the ACS Councilor for about 30 years and served in several ACS committees either as member or Associate member. Currently, I am serving on International Activities Committee. If elected, I will continue to serve on this committee for promoting the establishment of international chapters for chemists in several countries. Additionally, I will actively participate in the deliberations of the ACS Council on matters related to Chemists employment and their career advancement.

Education

Andhra Univeristy, Waltair, India, B.Sc., Chemistry

Banaras University, Varanasi, India, M.Sc., Chemistry

Indian Institute of Science, Bangalore, India, Ph.D., Organic Chemistry

Professional Experience

President, Mandava Associates, LLC Washington, DC 1986-Present

Advisor, United Nations Development Program New York, NY 1988-1996 (Part-Time)

2015 CSW Candidate Statements, Continued

Senior Chemist/Senior Science Advisor, United States Environmental Protection Agency Washington, DC 1982-1986

Research Chemist/ Program Director, United States Department of Agriculture Beltsville, MD 1968-1982

Visiting Scientist, Laval University Quebec, Canada 1966-1968

Leadership Positions and Significant Activities in ACS National Offices, ACS Local Sections, ACS Divisions, or Other Scientific Groups and Organizations

Councilor 1978-2012

Alternate Councilor 2013-2015

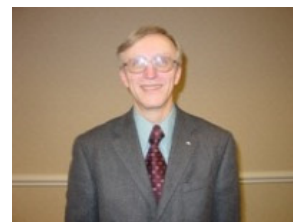
Committee Member, ACS Committee on Economic and Professional Activities (CEPA) 2000-2006

Committee Associate, ACS Committee on International Activities 2013-2015

President, Chemical Society of Washington (three-year presidential succession 1984-1986) 1985

Kim M. Morehouse

I am honored to be nominated to continue to serve as a Counselor for CSW. I have been active in CSW for more than 20 years and have held many positions within CSW, including President and Treasurer, and have served on many of the Committees, as a member as well as chair or co-chair. If re-elected, I will continue to work with the Board of Managers and the other officers of CSW to ensure that the section provides the greatest benefit to its members within the constraints of a sound fiscal policy. I will also continue to serve CSW to help promote chemistry as a positive aspect of our society. I have served as the local section coordinator for National Chemistry Week (NCW) since 2003 and for Chemists Celebrate Earth Day (CCED) since 2005. At the national level of ACS, I am a member of the ACS Committee on Community Activities and the co-chair for the Volunteer Engagement and Recognition subcommittee. This committee has oversight and development for the NCW and CCED activities for ACS. I served on the Theme Team that developed NCW for 2015, including the theme, Chemistry Colors Our World, and the Celebrating Chemistry Newsletter.



Education

University of Notre Dame, Ph.D., Chemistry

Oakland University, M.S., Chemistry

Oakland University, B.S., Chemistry

Macomb Community College Associates of Arts, High Honors, General Education

Professional Experience

Research Chemist, Food and Drug Administration, Center for Food Safety and Nutrition College Park, MD 1989 to Present

Leadership Positions and Significant Activities in ACS National Offices, ACS Local Sections, ACS Divisions, or Other Scientific Groups and Organizations

CSW Councilor 2007 to Present

CSW Alternate Councilor 2006

CSW President-elect/President/Past-President 2002-2004

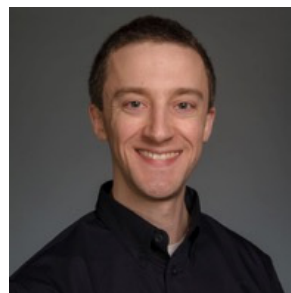
CSW Treasurer 1999-2001, 2004-2005

CSW Manager 1992-1998

2015 CSW Candidate Statements, Continued

Matt Windsor

I owe my current job to career development resources and advocacy opportunities available through ACS. I had my resume sharpened and job interview questions answered by ACS Career Consultants. Volunteering with one of the many state-based Government Affairs Committees gave me my first taste of science policy and advocacy. These advantages helped set me apart in the crowded job market. Now I want to give back to the Society that has given me so much. I have volunteered on the national Committee on Chemistry and Public Affairs (CCPA) for two years, and served as CSW Alternate Councilor last year. My goal is to ensure that the resources I benefited from remain available to students today. Your support will help make that possible. Thank you.



Education

U. Wisconsin-Madison, PhD, Organic Chemistry

Boston University, BA, Chemistry

Professional Experience

Senior Manager, Science Communications, ARVO Rockville, MD 1/14 - present

Research Fellow, Vanderbilt University Nashville, TN 1/11 - 12/13

Leadership Positions and Significant Activities in ACS National Offices, ACS Local Sections, ACS Divisions, or Other Scientific Groups and Organizations

Alternate Councilor, CSW 1/15 - present

Member, Committee on Chemistry and Public Affairs (CCPA) 1/14 - present

Member, Tennessee Govt. Affairs Committee 1/11 - 12/13

Candidates for Manager

Alan M. Ehrlich

50+ year member of ACS. ACS Fellow (2011). Several other ACS, professional, academic honors over 53 years of education and work experience. I want to continue to work with CSW as an experienced link between CSW and ACS National governance, and particularly on the CSW Committee on Bylaws and Standing Rules with my experience as a lawyer generally, and on the National Council on Constitution & Bylaws.

Education

George Washington U., JD, Patent, Environmental Law

Georgia State U., MBA, Finance

MIT, SM, PhD, Chemistry (Nuclear, Chemical Oceanography)

SUNY at Buffalo, BA-cum laude, Chemistry

Professional Experience

Patent Attorney, Of Counsel (Part-Time) Washington, DC 2005-present

Patent Attorney/Patent Counsel, US EPA Washington, DC 1991-2004

Environmental Scientist, Physical Scientist, USEPA and Consumer Product Safety Commission Washington, DC 1973-1991

Principal Chemist, The Coca-Cola Company Atlanta, GA 1969-1973



2015 CSW Candidate Statements, Continued

Special Products Group Leader, New England Nuclear Corp. Boston, MA 1967-1969

Leadership Positions and Significant Activities in ACS National Offices, ACS Local Sections, ACS Divisions, or Other Scientific Groups and Organizations

Council Policy Committee (Vice-Chair) 2011-2016 (2014-present)0

Council Constitution & Bylaws Comm (Chair) 2004-2010 (2009-2010)

Patent & Related Matters Comm. (Chair) 1993-2003 (2000-2002)

Div. Chem & Law (Chair, Councilor) 1992-present (2000, 2002-present)

CSW Manager (2012-present)

Zory Glaser

As a 22+ year member/ Manager on the CSW Board, & its former President, have strived to serve the members of the organization. Desire/ goal is to continue to serve CSW/ ACS members with dedication. Fortunate to have received from CSW the Community Service Award ('09), the Charles L. Gordon Award ('07), & been recognized ('06) for "outstanding, dedicated service as Editor of the Capital Chemist". Received ACS Emeritus status (2011). Recognized ('07) as "one of the most influential in medical device/ healthcare sterile processing". Received the John Perkins Award ('93) " for his many significant contributions to medical device sterile processing & sterility assurance ..." Selected ('93) as an "Outstanding Alumni" by the School of Public Health, Johns Hopkins Univ. Received upon retirement ('92), the PHS Citation & Plaque (from the Surgeon General) "for an outstanding career of service to the Nation", &, recognized (in '76, upon retirement as Officer-in-Charge of the Navy's Biomedical Research Detachment) with the Meritorious Service Medal, & certificate stating "served the Navy & the Nation with dedication and distinction". Received (from the ACS Philadelphia Section, '62) the College Scholastic Achievement Award, & (in '59) the American Spirit Honor Medal, from the U.S. military.



Education

Philadelphia College of Textiles & Science (Phila Univ), BS, Chemistry ('62)

Polytechnic Institute of Brooklyn (Brooklyn Poly/ NYU Engineering), PhD, Physical & Polymer Chem & Biophysics ('69)

Johns Hopkins Univ, School of Public Health, MPH, Emphasis on: Toxicology, Environmental Health Engineering, Risk Assessment, & Occupational Medicine ('90)

Foundation for Advanced Educ. in the Sciences (FAES) @ NIH, Earned 55 grad credits in: Biochemistry, Microbiology, Physiology, Pharmacology, Toxicology, Endocrinology, Physiologic Psychology, Mutagenicity/ Carcinology, Immunochemistry, Radiochemistry, Cancer Chemotherapy, ('69-'76)

Professional Experience

Adjunct Associate Professor Johns Hopkins Univ, School of Public Health, Baltimore, MD 1990 - present

Senior Scientific Consultant for Medical Devices, Diagnostic Products & Biomaterials U.S. Pharmacopeia (USP), Rockville, MD 1992 - '96

Associate Director, Div. of Life Sciences, Office of Science & Technology Center for Medical Devices & Radiological Health, U.S. FDA, Rockville, MD 1983 -'92

Executive Secretary, Technical Electronic Product Radiation Safety Standards Committee (TEPRSSC) Bureau of Radiological Health, DHEW, Rockville, MD 1979 -'83

Director, Special Occupational Hazards Review Program National Institute for Occupational Safety & Health (NIOSH) 1976 - '79

2015 CSW Candidate Statements, Continued

Leadership Positions and Significant Activities in ACS National Offices, ACS Local Sections, ACS Divisions, or Other Scientific Groups and Organizations

President of the Chem. Soc. of Washington (CSW) 2004

Editor of the Capital Chemist (monthly newsletter of CSW) 2003 - '06

Served as Chair of the Publications, Budget, Nominations, & Executive Committees of CSW 2010 - '12

President of the DC Metro-area Branch, Commissioned Officers Assoc., USPHS 1985 - '87

Science Fair Judge, Involved with the CSW Chemathon & the Chemagination programs, & Chemistry Ambassador, ACS over the period of 1992 - present

Mukes Kapilashrami

I feel honored to have been nominated by the President to serve the board of CSW. I recently joined the University of Maryland as a faculty after spending 4+ years at Lawrence Berkeley National Laboratory where I worked in the field of nanotechnology and renewable energy. In addition to my research background, I have eight years of non-profit work experience in empowering underprivileged youth in India through education (which includes: strategic planning, fundraising and program development/-delivery). With my research experience, and passion for science and education I look forward supporting and strengthening CSW in areas related to (i) education, (ii) member support, and (iii) outreach.



Education

Royal Institute of Technology, Ph.D., Condensed Matter Physics

Royal Institute of Technology, MSc., Materials Physics

Professional Experience

Faculty Research Associate University of Maryland Nov-14

Guest Researcher Lawrence Berkeley National Laboratory Sep-14

Research Associate Lawrence Berkeley National Laboratory 09/2013-08/2014

Postdoctoral Scholar University of Wisconsin-Madison 10/2012-08/2013

Amol A. Kulkarni

I am keenly interested in expanding outreach programs, developing new outreach programs that would spark an interest in STEM-related fields among middle and high-school students. Since joining Howard University, I have initiated "National Chemistry Week" (NCW) activities in College of Pharmacy. Approximately 400 students in DC-MD-VA area have been benefited as a result of our NCW activities within the past four years. I have also mentored 5 high school students in my research group and all of them are now in college with STEM majors. I am a Fellow of Keystone Symposia in Molecular biology for 2014-15. If elected, I would like to participate and expand the activities of project SEED and YCC that will allow highly qualified students from economically-disadvantaged and federally-recognized minority populations to participate in "state-of-the-art" research in academia, industry, and governmental institutions. I would also like to play an active role in CSW High School Chemistry Olympiad program. I would like to assist in identifying talent in high school students and providing coaching for Chemistry Olympiad. If elected, I would like to utilize the rich experience of being a CSW board of manager toward developing robust, highly recognized programs at Howard University.

2015 CSW Candidate Statements, Continued

Education

State University of NY, Buffalo, Ph.D., Chemistry

University of Mumbai, M. Pharm. Sci., Pharmaceutical Chemistry

University of Mumbai, B. Pharm. Sci., Pharmaceutical Sciences

Professional Experience

Associate Director, Combinatorial Chem, Center Univ. of Pittsburgh Pittsburgh, PA 2006-2008

Postdoctoral Associate, University of Houston Houston, TX 2008-2010

Assistant Professor, Howard University Washington, DC 2010-2015

Associate Professor, Howard University Washington, DC 2015-present

Leadership Positions and Significant Activities in ACS National Offices, ACS Local Sections, ACS Divisions, or Other Scientific Groups and Organizations

Faculty Advisor, Phi-Delta-Chi Pharmacy Fraternity 2011-present

Faculty Advisor, Drug Information Association 2013-present

Faculty Advisor, College of Psychiatric and Neurologic Pharmacists 2012-present

Sara Orski

I am a polymer chemist in the Materials Science & Engineering Division at NIST, researching improvements to polymer molar mass and chemical composition measurements. I have enjoyed serving within the scientific community both through ACS and at NIST. I volunteered this past year to evaluate ACS POLY student chapter accomplishments and award additional support to the best student chapters. I also worked with colleagues at NIST to expand a division postdoctoral association to a NIST wide organization that provides professional guidance and support to postdoctoral fellows. I will bring that enthusiasm and community spirit to CSW serve professional chemists and future professional chemists in our nation's capital.



Education

The University of Georgia, Ph.D., Chemistry

The College of William and Mary, B.S., Chemistry

Professional Experience

Research Chemist at the National Institute of Standards and Technology (NIST) Gaithersburg, MD August 2011-present

Graduate Research Assistant Athens, GA Jan 2007-August 2011

Leadership Positions and Significant Activities in ACS National Offices, ACS Local Sections, ACS Divisions, or Other Scientific Groups and Organizations

NIST Postdoctoral association 2012-2013

Bradley Scates

Education

Washington University in St. Louis, Ph.D., Organic Chemistry

University of Maryland, Baltimore County, B.S., Biochemistry



Professional Experience

Visiting Scientist, Library of Congress Washington, D.C. Feb 2015 - Aug 2015

Conservation Science Fellow, Walters Art Museum Baltimore, MD June 2014 - Nov 2014

Tutor Crofton, MD March 2013 - present

Obiter Research, LLC Champaign, IL June 2008 - March 2012

Leadership Positions and Significant Activities in ACS National Offices, ACS Local Sections, ACS Divisions, or Other Scientific Groups and Organizations

Environmental & Sustainability Committee member 2014

Nevart Tahmazian

I am humbled by this nomination. I have been involved with ACS activities for many years as Enthusiast, Chemistry Ambassador and Science Coach. I was featured in the ACS video production, celebrating the 25th anniversary for the National Chemistry week. (October 2012 www.BytesizeScience.com.) I have been a professor at Montgomery College, Rockville since 1995. In addition to teaching, my passion has been to highlight the importance and relevance of chemistry in our lives through outreach activities in schools and the community at large. I was awarded the "Faculty Outstanding Service Award" by Montgomery College in 2010 and "NISOD Excellence Award" in 2011. CSW awarded me "The Outreach Volunteer of the Year" award in 2015. I am also a nominee for "Professor of the Year" through Case Organization, 2015. I would be very interested in strengthening the wonderful "Science Coach" program and developing new initiatives with student clubs and organizations. I would also be very interested in promoting ACS activities internationally and make efforts to strengthen the existing ones. Currently, at Montgomery College, I am working with the Global Humanities Institute to introduce globalization into one of the courses I teach and to develop a learning community



Education

University of Maryland, College Park, MS, Chemistry

American University of Beirut, MA, Chemical Education

American University of Beirut, BS, Chemistry

American University of Beirut, Teaching Diploma, Secondary Science Education

Professional Experience

Chemistry Professor, Rockville/MD, August 1995-Present

Cytogenetic Technologist, Washington DC. 1989-1994

Leadership Positions and Significant Activities in ACS National Offices, ACS Local Sections, ACS Divisions, or Other Scientific Groups and Organizations

CSW Outreach Volunteer of the year 2015

Coordinator for "Chemistry in Action" and ACS liaison for Rockville Science Day 1996-Present

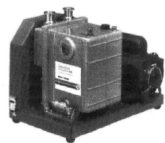
NIST Internship Coordinator at Montgomery College 2006-2009

Chair for Local arrangements for hosting 2YC3 Conference 2011

Coordinator for MC Chemistry activities for "Frontiers in Science and Medicine Day" through John's Hopkins and Sonya Kovalevsky Day 2009- present

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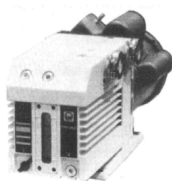
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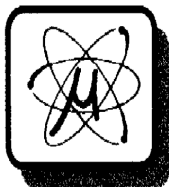
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Secretary

Jennifer Young Tanir, ILSI Health and Environmental Sciences Institute

Treasurer

Stefanie Wittenberg, United States Patent and Trademark Office

CSW Calendar of Events

October

- 10/17: Elementary School Block Party (NCW Event)
- 10/18-24: National Chemistry Week
- 10/20: Webinar: "Tales of Lab Safety: How to Avoid Mistakes"
- 10/20: RCG Luncheon
- 10/21: National Chemical Historical Landmark Event
- 10/25: Family Fun Festival (NCW Event)

November

- 11/2: Deadline for Hillebrand Prize Nominations
- 11/6: Deadline for NCW Illustrated Poem Contest
- 11/15: Voting Ends for CSW Election
- 11/15: Deadline for Gordon and Schubert Award Nominations
- 11/23: CSW Board of Managers Meeting