THE
CAPITAL CHEMIST

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Message from the President

Contributed by Dennis Chamot, CSW President

Many scientists are, like me, science fiction fans. This is the 50th anniversary year of the original Star Trek TV show, and there has been a lot of publicity about how far we have come in developing technologies that were only theatrical props a half century ago. But on October 13, you will have an opportunity to learn about some real extraterrestrial science. We are fortunate to have as our CSW dinner speaker that evening Dr. Jennifer Stern, a leading planetary geologist at NASA Goddard Space Flight Center. Join us and learn about the impressive array of instruments aboard the Martian rovers, and the equally impressive analytical and chemical data that is being obtained. Could life as we know it ever have been present on Mars? Join us on the 13th and find out!

It is really amazing to think about how far science and engineering have come in just the past few decades. I can remember watching in awe as the first human stepped foot on the moon. Not only was this an amazing engineering feat, but the fact that we could watch the event on television in real time was nothing short of miraculous. Now we do chemistry on Mars at a distance of millions of miles, and exploratory probes have returned scientific data from far more distant planets. We haven't met any "little green men or women" yet, but as with the original Star Trek, scientists will continue to explore new frontiers, whether on Earth or beyond.

2016 Electronic Nomination Procedures

The CSW Nominations and Elections Committee is proud to present an outstanding slate of candidates for the 2016 election. Candidates are running for positions as Officers, Councilors, and Managers with terms beginning in 2017.

Detailed candidate information, including biographies and statements, are listed in alphabetical order for each office on the candidate slate pages at the end of this issue. Candidate statements will also be available with your ballot. Candidate statements for National offices and CSW offices are posted on the Capital Chemist website in our Elections section. Take a look and get to know the people running!

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.

Election Procedures, continued

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. ET. The internet voting system will shut down at exactly 11:59 p.m. Eastern Time on November 15, 2015.

Results will be announced on the Capital Chemist website and in the 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 voting process, or if you do not receive a ballot by October 21, please do not hesitate to contact us at csw@acs.org.

Dr. Jennifer Stern, Planetary Geochemist at NASA Goddard Space Flight Center, to Speak at October Meeting

On October 13, Dr. Jennifer Stern, Planetary Geochemist at NASA Goddard Space Flight Center, will speak at the next CSW Meeting at ACS Headquarters. Meeting logistics can be found below.

Abstract: ***Life on Mars? Chemical Indicators of Habitability on Mars as Measured by the Curiosity Rover***

On August 6, 2012 at 1:32 a.m. EDT, the Mars Science Laboratory Rover Curiosity touched down in Gale Crater, making history as the largest and most capable rover to ever land on Mars. For just over four Earth years (or two Mars years), Curiosity has used its versatile payload, consisting of 10 instruments, to explore and assess Gale Crater as a potential habitat for life, past and present, to answer the question: could Mars have been capable of supporting life at some point in its history? To this end, Curiosity is characterizing the biological potential, geological and geochemical history, and the role of water as recorded in ~3.5 billion old rocks at Gale Crater. In particular, the Sample Analysis at Mars (SAM) Instrument Suite has revealed a great deal of new information regarding the chemical composition of the surface and atmosphere using gas chromatography, mass spectrometry, and tunable laser spectroscopy. SAM's mission is to inventory the chemical and isotopic composition of the atmosphere, surface regolith, and rocks comprising "Mt. Sharp," the 5 km high mound in the center of Gale Crater, with a focus on searching for organic molecules. By placing SAM's measurements in the context of the geological observations provided by other payload instruments on Curiosity, we have evidence supporting both swiftly flowing water and an ancient lakebed that would have had water of moderate pH and alkalinity, confirming that this environment on ancient Mars was habitable.

Speaker Biography

Dr. Jennifer Stern is a Planetary Geochemist at NASA Goddard Space Flight Center in Greenbelt, MD, specializing in the study of the atmosphere and surface of Mars, and instrument development for geochemical measurements on a variety of planetary surfaces. She designed, manages, and operates the stable isotope facility in the Planetary Environments Laboratory at Goddard, in addition to developing techniques for *in situ* field measurements of trace gases of biological interest. Dr. Stern is a member of the Mars Science Laboratory Curiosity Rover team and the Sample Analysis at Mars team focusing on using mass

October CSW Meeting, Continued

spectrometry for isotopic measurements and detection of nitrogen compounds.

Dr. Stern has a BA in Geology-Biology from Brown University and a PhD in Geochemistry from Florida State University. She decided to apply her interest in geochemistry to astrobiology as a postdoctoral fellow at NASA Ames Research Center and NASA Goddard Space Flight Center, where she studied how organic molecules can be formed by non-biological processes occurring in meteorites and at hydrothermal vents. Today, in parallel with her participation on the Curiosity team conducting experiments on Mars, she participates in field expeditions to places where geochemical processes similar to those that may have occurred on Mars are recorded in Earth's rock record, such as Greenland, Svalbard (Norway), and southern Mexico.

October CSW Meeting Logistics

Date: Thursday, October 13

Time: 6:00 p.m. Check-in and social hour
6:30 p.m. Dinner
7:15 p.m. Presentation

Cost: $18 (Members and guests) / $9 (Students)

Location: ACS Headquarters, Marvel Hall (1155 16th St., N.W., Washington, DC)

Menu: Meal will be catered by M.K. Catering, serving Veronique Chicken (Herb Chicken with White Grape-Mushroom Sauce) with Rice Pilaf, salad, bread, assorted cookies. Vegetarian Option: Spinach & Scallion Tart, with salad and bread

RSVP by noon Monday, October 10 - csw@acs.org or by phone (messages only: 202-659-2650)

Please provide the names in your party when you RSVP. The public is invited to attend.

You may attend the talk only, but reservations are appreciated. Those who make a dinner reservation, but are unable to attend, should send a check for the cost of their meal to the CSW office.

If you need any further information or would like to make a reservation, please contact the CSW office by email at csw@acs.org or by voicemail at 202.659.2650

Parking: Parking is available in nearby commercial parking garages. Please be aware that garage closing times vary. 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/Silver Line: McPherson Square or Farragut West. Red Line: Farragut North.

Nominations Open for Charles L. Gordon Memorial Award

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, 2016. 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.

Nominations Open for Leo Schubert Memorial Award

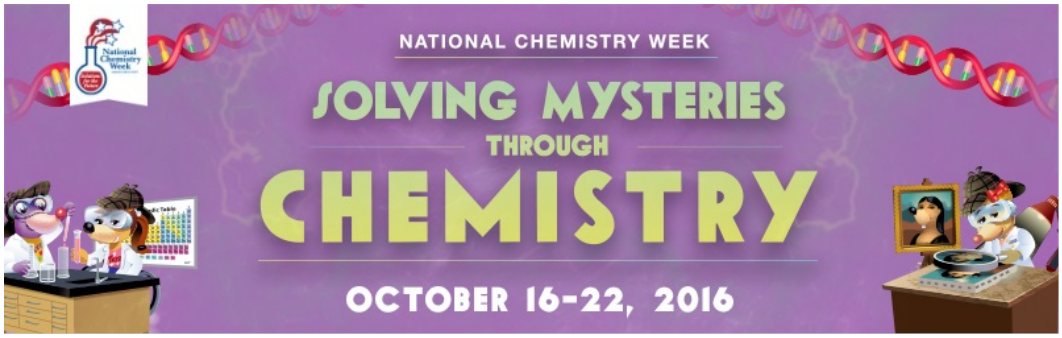
The Chemical Society of Washington (CSW) is pleased to announce the call for nominations for the Leo Schubert Memorial Award to recognize an outstanding teacher of high school chemistry in the Washington, D.C. area. The award was established in 1979 to honor Dr. Leo Schubert, a chemistry professor at 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 2017 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-2016-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, 2016.

Celebrate National Chemistry Week October 16-22, 2016: "Solving Mysteries through Chemistry!"



The NCW 2016 theme is "Solving Mysteries through Chemistry", focusing on the science behind the use of chemistry in forensics. 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.

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.

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). More information about local activities will be posted on the CSW (www.csw-acs.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).

CSW Participation in National Chemistry Week at Crystal City Family Festival

Crystal City streets enliven with over 30,000 runners during the 40th annual Marine Corps Marathon, where spectators can spark dedication and experience fun for all ages. The Crystal City Business Improvement District (BID) in partnership with Vornado/Charles E. Smith is hosting its annual Marine Corps Marathon Family Festival on Sunday, October 30th from 9:30 am to 2 pm.

Conveniently located near the Metro station (on the blue and yellow lines), Crystal City is the perfect place to experience the Marine Corps Marathon with multiple opportunities to cheer on runners and provide encouragement towards the end of the race. Spectators can enjoy delicious restaurants while supporting loved ones. The festival will include engaging activities like moon bounces, face painting, arts and crafts, cotton candy, balloon animals, circus activities, and more.

As part of National Chemistry Week on Sunday, October 30, 2016, CSW will once again participate in the Family Festival event in Crystal City, Arlington, VA in conjunction with the Marine Corps Marathon. CSW Volunteers will perform hands-on activities for the children who attend and distribute copies of the *Celebrating Chemistry* newsletter and chemistry-themed items.

To volunteer, please contact the CSW NCW Coordinator, Kim M. Morehouse via e-mail at kim.morehouse@fda.hhs.gov.

NCW at the John Eaton Elementary School Block Party

On Saturday, October 15, 2016, 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 noon to 4:00 pm with set up starting at 11:00 am. Volunteers will be assisting with hands on activities for the children who attend and handing out NCW themed publications and goodies.

You can sign up to volunteer for this event by contacting the CSW NCW Coordinator, Kim M. Morehouse via e-mail at kim.morehouse@fda.hhs.gov.

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 "Where's the Chemistry?" Participants are encouraged to explore topics related to the chemistry associated with forensics science. Write and illustrate a poem using the National Chemistry Week theme, "Solving Mysteries through Chemistry." 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 4, 2016. 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).

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OCTOBER

- Membership needs and benefits
- Career outlook and jobs
- Industry-academic partnerships
- Recognition for chemists

KANSAS STATE UNIVERSITY

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TWITTER @PeterDorhoutACS

WEB www.peterdorhoutacs.com

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

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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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The **Chemical Society of Washington**(**CSW**) is the local ACS Chapter for the Washington, DC area and serves approximately 4,000 members.

2016 Officers

President

Dennis Chamot, National Research Council (Retired)

President-elect

Jason Schaff, Forensic Chemist, US Government

Secretary

Jennifer Tanir, ILSI Health and Environmental Sciences Institute

Treasurer

Stefanie Wittenberg, United States Patent and Trademark Office

Connect with us on Facebook at www.facebook.com/ACSCSW.

CSW Calendar of Events

October

10/13: CSW Meeting

10/15: John Eaton Elementary Block Party

10/16-22: National Chemistry Week

10/30: Crystal City Family Festival

November

11/4: NCW Illustrated Poem Deadline

11/15: **Deadline to vote in CSW Election**

11/15: Schubert and Gordon award nominations due

11/29: CSW Board Meeting

Chemical Society of Washington Candidate Statement

Allison A. Aldridge

President-Elect

EDUCATION

Institution name	Degree or Student Status	Field of Study
Loyola Univerity Chicago	Ph.D.	Chemistry
University of Illinois	B.S.	Biology

PROFESSIONAL EXPERIENCE

Position	City/State	Start-End
Team Leader (US FDA)	Silver Spring, MD	2011-present
Director of Analytical Services (Speed Laboratories, Inc.)	Buford, GA	2009-2011
R&D Analytical Manager (Mikart, Inc.)	Atlanta, GA	2005-2009
Associate Research Investigator (Abbott Laboratories)	North Chicago, IL	2000-2005

LEADERSHIP POSITIONS AND SIGNIFICANT ACTIVITIES IN ACS NATIONAL OFFICES, ACS LOCAL SECTIONS, ACS DIVISIONS, OR OTHER SCIENTIFIC GROUPS AND ORGANIZATIONS

Position/Activity	Year
Councilor/CSW	2016
Chair/CMA	2009-2011
Secretary/PROF	2004-2008
Chiar-Elect/Chicago Section	2005
Councilor/Chicago Section	2004-2005

STATEMENT (including, but not limited to: reason for seeking this office, goals for office if elected, honors received, personal aspirations)

I am asking for your vote to elect me to serve as your president-elect for CSW. I am a public servant with over 15 years' service to ACS. I currently serve as councilor and co-chair of the Project SEED committee for our section. I also serve nationally as a member of the chemists with disabilities committee and volunteer 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

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

Chemical Society of Washington Candidate Statement

Christopher W. Avery

President-Elect

EDUCATION

Institution name	Degree or Student Status	Field of Study
University of Michigan	Ph.D.	Chemistry
University of Michigan	Graduate Certificate	Public Policy
University of Michigan	M.S.	Chemistry
Hope College	B.S.	Chemistry, Environmental Science

PROFESSIONAL EXPERIENCE

Position	City/State	Start-End
National Council for Science and the Environment	Washington, DC	2016-present
U.S. Department of Energy	Washington, DC	2012-2016
United States Senate	Washington, DC	2011-2012
University of Michigan	Ann Arbor, MI	2005-2011

LEADERSHIP POSITIONS AND SIGNIFICANT ACTIVITIES IN ACS NATIONAL OFFICES, ACS LOCAL SECTIONS, ACS DIVISIONS, OR OTHER SCIENTIFIC GROUPS AND ORGANIZATIONS

Position/Activity	Year
Councilor, Chemical Society of Washington	2015-present
Member, Committee on Environmental Improvement	2014-present
Board Member, Chemical Society of Washington	2013-2015
Publications Committee Chair	2013-2015
ACS/AAAS Congressional Fellow	2011-2012

STATEMENT (including, but not limited to: reason for seeking this office, goals for office if elected, honors received, personal aspirations)

I am deeply honored to be nominated for President-Elect of the Chemical Society of Washington. I have served as a Board Member and Councilor for CSW for nearly five years now, and in that time, I have come to believe that CSW is one of the most critical local sections in all of ACS. As the local section sharing a city with our national headquarters, we have a unique opportunity to seriously impact our Society. Most importantly, I've come to appreciate the dedication and love that our members have for CSW, ACS and the chemical enterprise. As volunteers for this organization, we all care deeply because we are investing our personal time and resources in making CSW a success. If elected, I want to continue that tradition, and help ensure that participants in CSW have the support they need to be successful. As your president, I would seek to bring more participants into the fold. I will work with CSW members to increase participation in all aspects of CSW's work, from Project SEED and the Chemistry Olympiad to Senior Chemists and mid-career professionals. I ask for your vote – and your help – to continue building our community to greater heights.

Chemical Society of Washington Candidate Statement

Wesley Farrell

Treasurer

EDUCATION

Institution name	Degree or Student Status	Field of Study
Wake Forest University	Honors BS	Chemistry
University of Maryland	Ph.D.	Chemistry

PROFESSIONAL EXPERIENCE

Position	City/State	Start-End
Postdoc - NIST	Gaithersburg, MD	9/2015 - Present
Adjunct Professor - Montgomery College	Takoma Park, MD	8/2016 - Present

LEADERSHIP POSITIONS AND SIGNIFICANT ACTIVITIES IN ACS NATIONAL OFFICES, ACS LOCAL SECTIONS, ACS DIVISIONS, OR OTHER SCIENTIFIC GROUPS AND ORGANIZATIONS

Position/Activity	Year
CSW BOM	2014 - Present
CSW Member Relations Chair	2015 - Present
CSW Project SEED Committee Member / Secretary	2016

STATEMENT (including, but not limited to: reason for seeking this office, goals for office if elected, honors received, personal aspirations)

I have been a member of CSW since moving to the DC area in 2010, and have served on the Board of Managers since 2014. Most recently, I have served as the head of Member Relations, which has involved notifying our section's members and others of CSW events through an expansion in the use of various social media platforms. I am also excited to get more involved with the Project SEED committee in the upcoming year. It would be my honor to continue this service to CSW as treasurer for the upcoming term.

Chemical Society of Washington Candidate Statement

Alan J. Anderson

Councilor

EDUCATION

Institution name	Degree or Student Status	Field of Study
Harvard University	Postdoctoral Research Fellow	Organic Chemistry
Howard University	Ph.D.	Organic Chemistry
NC A&T State University	B.S.	Chemistry

PROFESSIONAL EXPERIENCE

Position	City/State	Start-End
Department Chair, Bowie State University	Bowie, MD	08/1/2016- Present
Associate Professor of Chemistry, Bowie State University	Bowie, MD	2009-present
Adjunct Professor of Chemistry, University of Maryland, College Park	College Park, MD	2011-2013

LEADERSHIP POSITIONS AND SIGNIFICANT ACTIVITIES IN ACS NATIONAL OFFICES, ACS LOCAL SECTIONS, ACS DIVISIONS, OR OTHER SCIENTIFIC GROUPS AND ORGANIZATIONS

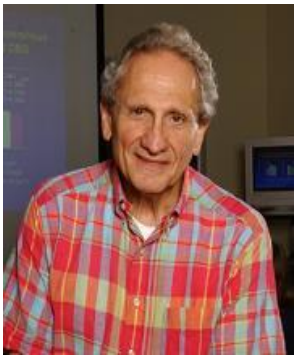
Position/Activity	Year
President, Chemical Society of Washington	January 2015 – December 2015 (1-year term)
Secretary, Chemical Society Of Washington	January 2012- December 2013 (2-year term)

STATEMENT (including, but not limited to: reason for seeking this office, goals for office if elected, honors received, personal aspirations)

I am honored and humbled to be nominated as Councilor of the CSW and would be proud to serve the CSW Board and the larger ACS community in this role. Having served as CSW President and CSW Secretary, I am well positioned to use that experience to continue diligently serving our members and helping the organization and ACS meet its goals. I value the opportunity to continue to work on behalf of CSW and I sincerely appreciate your consideration.

Chemical Society of Washington Candidate Statement

Joseph M. Antonucci



Councilor

EDUCATION

St. Johns University, BS, Chemistry
University of Maryland, PhD, Chemistry
Postdoctorate, NIST, Polymer Chemistry

PROFESSIONAL EXPERIENCE

Postdoctorate at NIST, 1959-1961
Chairman of Gordon Conference on AdhesionResearch Chemist at NIST, 1961 to present

STATEMENT (including, but not limited to: reason for seeking this office, goals for office if elected, honors received, personal aspirations)

I am honored to be nominated to continue to serve as a Councilor for CSW. I am a 50+ year ACS member, a long-term member of the Board of Managers, former CSW President-Elect and President, and President of the Retired Chemist Group. I have organized symposia for CSW, MARM, ACS and helped with national ACS meetings in Washington DC. I have chaired/co-chaired the Program Committee of CSW, served on numerous other committees, and mentored Project Seed students. I am an Emeritus Chemist and Consultant at NIST, involved in mentoring Graduate and Post Doctorate students. I was involved with ACS committee that designated NIST a National Historic Chemical Landmark. I have been a Councilor to ACS for over 25 years, first on the ACS Council Committee on Admissions, then on the ACS Committee on Chemical Safety, and currently on the Joint Board-Council Committee on Patents and Related Matters. I have consistently sought ways to help our local section grow and prosper, and to promote chemistry as a core scientific profession. I respectfully solicit your support for the office of Councilor so that I may continue to represent the concerns and interests of all CSW members.

Chemical Society of Washington Candidate Statement

David Carrillo

No photo available Councilor

EDUCATION

Institution name	Degree or Student Status	Field of Study
Michigan State University	BS	Chemical Engineering

PROFESSIONAL EXPERIENCE

Position	City/State	Start-End
Program Mgr (Environmental)	Washington DC	Jan 90- Present
Environmental Engineer	Arlington VA	Mar 88-Jan 90
General Engineer	Arlington VA	Jan 84 -Feb 88
Mechanical Engineer	Indian Head MD	Sep 73-Jan 84

LEADERSHIP POSITIONS AND SIGNIFICANT ACTIVITIES IN ACS NATIONAL OFFICES, ACS LOCAL SECTIONS, ACS DIVISIONS, OR OTHER SCIENTIFIC GROUPS AND ORGANIZATIONS

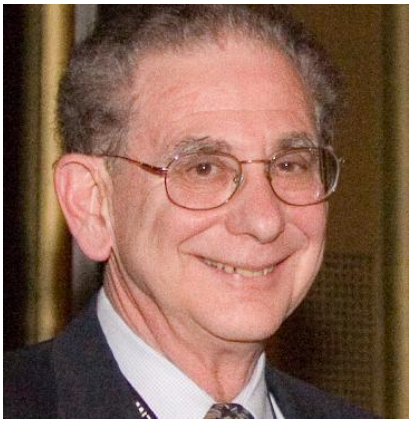
Position/Activity	Year
Chair-various panels/AWMA-	1991-2007
Alternate Councilor	2015
Air Force rep, Halon R&D Steering Group	1995-1999
Chair DoD Perchlorate Work Group	2001-2011
Air Force rep, Clean Water Act Committee	2015-Present

STATEMENT (including, but not limited to: reason for seeking this office, goals for office if elected, honors received, personal aspirations)

It would be an honor to continue serving as an Alternate Councilor. My intent is to help our local section of CSW to prosper and support its parent, American Chemical Society (ACS). Being in Washington DC presents opportunities for many different activities. CSW and ACS has lot to offer society, the hard part is providing it the public. Also, we must keep the lines of communication open to all (senior to new members) Senior members have corporate knowledge while new members bring new techniques. . CSW needs to reach out to those members who do not have much time to participate and help them where possible. My technical experience expands in many scientific areas such as environmental, R&D, chemical engineering, chemistry, manufacturing, and chemical testing. My diverse technical experience aid my understanding of many members different perspectives. I helped plan for other associations' national meetings. In the past I helped conduct local AICHE meetings and elections. I was a board member for the local chapter of MSU alumni. Every spring, I am a mentor to a student at the University of Maryland.

Chemical Society of Washington Candidate Statement

Richard Goodman



Councilor

EDUCATION

Institution name	Degree or Student Status	Field of Study
University of Michigan	BS Chem	Chemistry
Ubiversity of California Berkeley	PhD	Surface Chemistry

PROFESSIONAL EXPERIENCE

Position	City/State	Start-End
President, RMGC LLC	Chevy Chase, MD	2006-present
Manager, R&D, Kodak	Carlstadt, NJ	2001-2006
Director, R&D, Polychrome	Yonkers, NY	1990-2001
President, RMG consultants	Briarcliff Manor, NY	1986-1990

LEADERSHIP POSITIONS AND SIGNIFICANT ACTIVITIES IN ACS NATIONAL OFFICES, ACS LOCAL SECTIONS, ACS DIVISIONS, OR OTHER SCIENTIFIC GROUPS AND ORGANIZATIONS

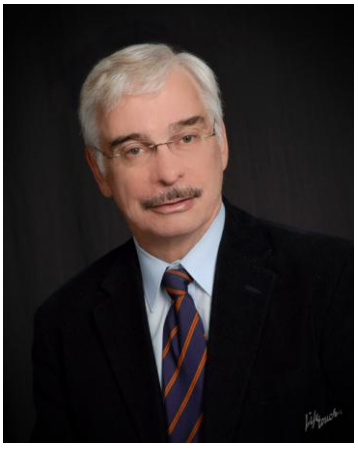
Position/Activity	Year
Alternate Councilor, CSW	2013-2016
Chair, Environmental/ Sustainability Comm, CSW	2013-2016
Councilor, New York Section, ACS	1996-2006
Chair, New York Section, ACS	1996
President, ACC&CE	2009-2012

STATEMENT (including, but not limited to: reason for seeking this office, goals for office if elected, honors received, personal aspirations)

I have thoroughly enjoyed my service as an alternate councilor for CSW, including my role on the Board, acting as substitute councilor at National ACS meetings and using my long experience in ACS governance while serving on the CSW Executive Committee. I intend to continue to serve the members of CSW in support of Project SEED, as committee chair of ESC and as trusted advisor on the Executive Committee. I ask for your vote to serve as Councilor.

Chemical Society of Washington Candidate Statement

John M. Malin



Councilor

EDUCATION

Institution name	Degree or Student Status	Field of Study
University of California, Berkeley	B.S.	Chemistry
University of California, Davis	Ph.D.	Chemistry

PROFESSIONAL EXPERIENCE

Position	City/State	Start-End
Retired	American Chemical Society	2005 - Present
Administrator, International Activities	American Chemical Society,	1988 - 2004

LEADERSHIP POSITIONS AND SIGNIFICANT ACTIVITIES IN ACS NATIONAL OFFICES, ACS LOCAL SECTIONS, ACS DIVISIONS, OR OTHER SCIENTIFIC GROUPS AND ORGANIZATIONS

Position/Activity	Year
Elected ACS Fellow	2015
ACS Councilor representing Chemical Society of Washington	2014-16, 2010-12
Member Joint Board-Council Committee on Public Relations and Communications	2014-2016
ACS Experts Program	2014-2016
President, Chemical Society of Washington	2007

STATEMENT (including, but not limited to: reason for seeking this office, goals for office if elected, honors received, personal aspirations)

A fifty-one year ACS member, it has been my privilege to serve the chemistry community in the Washington DC area both professionally and as a volunteer since I moved here in 1981. Currently I represent CSW on the ACS Council, as a member of the ACS Joint Board-Council Committee on Public Relations and Communications, and in the national Chemistry Experts program helping to explain chemical phenomena to science journalists and to the public. I chair the CSW Public Relations Committee and have previously served as CSW President (2007), Secretary and Treasurer. During 25-years as an ACS staff member (now retired) I worked as Administrator of International Activities and Awards and as Staff Liaison to the International Activities Committee and the Committee on Science. I will bring this experience actively to bear as ACS Councilor for CSW, particularly in furthering public appreciation of science, international interactions and environmental responsibility. A project to be emphasized in the near future is development of the Chemistry Ambassadors Program to provide opportunities for outreach by CSW members. Thank you sincerely for your support!

Chemical Society of Washington Candidate Statement

Judith Faye Rubinson

Councilor

EDUCATION

Institution name	Degree or Student Status	Field of Study
CF Kettering Research Lab	Post-doc	Biochemistry
University of Cincinnati	PhD	Chemistry (Analytical)
Univ. of North Carolina-Chapel Hill	BS	Chemistry

PROFESSIONAL EXPERIENCE

Position	City/State	Start-End
Research Asst Prof of Chemistry, Georgetown Univ.	Washington, DC	2012-present
Asst. Prof of Chemistry, Georgetown University	Washington, DC	1999-2011
Visiting Asst Professor of Chemistry	University of Cincinnati/No. Kentucky Univ. Xavier Univ.	1996-1999
Visiting Asst Professor of Chemistry	University of Dayton	1998-1999

LEADERSHIP POSITIONS AND SIGNIFICANT ACTIVITIES IN ACS NATIONAL OFFICES, ACS LOCAL SECTIONS, ACS DIVISIONS, OR OTHER SCIENTIFIC GROUPS AND ORGANIZATIONS

Position/Activity	Year
CSW-ACS - co-Chair, SEED Committee	2016
CSW-ACS- Board member and Chair of Education Committee	2013-2014
Soc. for Electroanalytical Chemistry - Board Member, Newsletter Editor, Secretary	2005-present
ACS Div. of Analytical Chemistry - Newsletter Editor	2012-2014

STATEMENT (including, but not limited to: reason for seeking this office, goals for office if elected, honors received, personal aspirations)

My many years of active participation in the American Chemical Society, in general, along with my work in recent years in the Chemical Society of Washington, has provided me with the insights necessary to immediately contribute to the CSW. As a Councilor, I would hope not only to be involved as an active member of the Section, but also to contribute to efforts of the CSW as we look forward to the upcoming ACS National Meeting. My history with the CSW has given me insights that I feel would be extremely valuable in the role of a representative and spokesperson for its members and the opportunity to bring back ideas from council meetings to keep us involved on a national level.

Chemical Society of Washington Candidate Statement

Jason E. Schaff

Councilor

EDUCATION

Institution name	Degree or Student Status	Field of Study
University of Minnesota	Ph.D. 1997	Analytical Chemistry
Yale University	B.S. 1991	Chemistry

PROFESSIONAL EXPERIENCE

Position	City/State	Start-End
Forensic Chemist, US Government	Quantico, VA	04/1999 - present
Postdoctoral Fellow, IU Medical Center	Indianapolis, IN	04/1997 - 03/1999

LEADERSHIP POSITIONS AND SIGNIFICANT ACTIVITIES IN ACS NATIONAL OFFICES, ACS LOCAL SECTIONS, ACS DIVISIONS, OR OTHER SCIENTIFIC GROUPS AND ORGANIZATIONS

Position/Activity	Year
CSW President-Elect	2016
CSW / ACS Councilor	2014 - present
CSW / ACS Alternate Councilor	2012 - 2013
CSW Secretary	2006 - 2011

STATEMENT (including, but not limited to: reason for seeking this office, goals for office if elected, honors received, personal aspirations)

I am honored to have the opportunity to stand for reelection as a Councilor for CSW. I have served on the Board of CSW for over a decade; as Secretary, as a Councilor, and now as President-Elect. Over the years, I have been a member of several committees, including: nominations, bylaws & standing rules, budget (which I currently chair), and education & outreach. I was also a member of the organizing committees for three different ACS-supported community outreach symposia, and the organizing committee for host activities at the 238th ACS National Meeting. As a Councilor, I have served on the ACS Committees on Chemical Safety and on Constitution & Bylaws. The last will likely prove to be particularly useful in the next couple years, as the CSW Bylaws have not been revised in many years and need to be updated in order to bring them back in line with current ACS standards. If reelected, I will maintain my involvement with CSW's many valuable outreach programs, continue to faithfully represent the interests of CSW and its members at the ACS Council, and look for opportunities to connect our programs and services with ACS resources.

Chemical Society of Washington Candidate Statement

Robert J. Bahde

Manager

EDUCATION

Institution name	Degree or Student Status	Field of Study
University of California, Irvine	Ph.D.	Organic Chemistry
Lake Forest College	B.A.	Chemistry

PROFESSIONAL EXPERIENCE

Position	City/State	Start-End
Health Scientist Administrator (Program Officer), National Cancer Institute	Frederick, MD	2015-Present
Program Manager, National Cancer Institute	Rockville, MD	2011-2015
Adjunct Professor, The George Washington University	Washington, DC	2011-2015
NIH Postdoctoral Fellow	Bethesda, MD	2008-2011

LEADERSHIP POSITIONS AND SIGNIFICANT ACTIVITIES IN ACS NATIONAL OFFICES, ACS LOCAL SECTIONS, ACS DIVISIONS, OR OTHER SCIENTIFIC GROUPS AND ORGANIZATIONS

Position/Activity	Year

STATEMENT (including, but not limited to: reason for seeking this office, goals for office if elected, honors received, personal aspirations)

My career, interests, and extracurricular activities have been focused on public service and promoting science to the general public. I am currently a chemist at the National Cancer Institute where I carry-out synthetic chemistry/MedChem scale-up to support a publicly funded drug development program. During the 2010 and 2011 academic years I mentored at a Washington, DC magnet school, School Without Walls, to promote science by assisting students with their year-long science projects that culminated in regional success and participation at international science fairs. I sought to reach a larger audience as a lecturer at The George Washington University, where I taught sophomore organic chemistry to large classes of students with diverse career ambitions (2011-2015). I look forward to supporting the CSW in its outreach and educational efforts.

Chemical Society of Washington Candidate Statement

Greg Brewer

No photo available Manager

EDUCATION

Institution name	Degree or Student Status	Field of Study
College of Charleston	BS	Chemistry
Universith of Virginia	PhD	Chemistry

PROFESSIONAL EXPERIENCE

Position	City/State	Start-End
Instructor-Post Doc	Charlottesville, VA	82-84
Assistant Professor	Charleston, SC	84-87
Professor/Chair	Washington, DC	87-present

LEADERSHIP POSITIONS AND SIGNIFICANT ACTIVITIES IN ACS NATIONAL OFFICES, ACS LOCAL SECTIONS, ACS DIVISIONS, OR OTHER SCIENTIFIC GROUPS AND ORGANIZATIONS

Position/Activity	Year
CSW, Board of Managers (2 terms)	current
Inorganic Chemistry Division, Session chair	late 80's

STATEMENT (including, but not limited to: reason for seeking this office, goals for office if elected, honors received, personal aspirations)

The CSW is an excellent chapter that has demonstrated its commitment to outreach activities, mentoring high school students (through Project Seed), continuing professional development of members, promoting attendance at National Meetings of graduate student researchers in the section, recognizing the outstanding contributions of current members to our discipline in teaching/service and research excellence, and maintaining and attempting to establish new ties to other groups in the area. As a member of the BOM I have supported these activities and worked with many others to make them as effective as possible. In the future we need not only to continue the above but to find new ways to engage a greater portion of our membership in these activities that will enhance the vitality of CSW.

Chemical Society of Washington Candidate Statement

Philip DeShong

Manager

EDUCATION

Institution name	Degree or Student Status	Field of Study
University of Texas, Austin	B.S.	Chemistry
Massachusetts Inst. of Technology	D.Sc.	Chemistry
Eidg. Tech. Hochshule, Zurich	Postdoctoral	Chemical Biology
Mass. Inst. of Technology	Postdoctoral	Chemical Biology

PROFESSIONAL EXPERIENCE

Position	City/State	Start-End
Asst. Professor, Penn. State Univ.	State College, PA	1980-87
Assoc. Prof, Univ. of Maryland	College Park, MD	1987-89
Prof., Univ. of Maryland	College Park, MD	1989-present
President, SD Nanosciences	College Park, MD	2007-present

LEADERSHIP POSITIONS AND SIGNIFICANT ACTIVITIES IN ACS NATIONAL OFFICES, ACS LOCAL SECTIONS, ACS DIVISIONS, OR OTHER SCIENTIFIC GROUPS AND ORGANIZATIONS

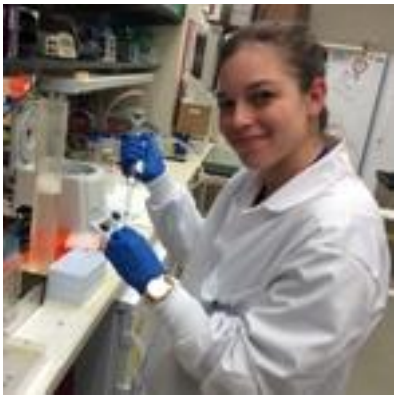
Position/Activity	Year
Chemical Society of Washington (CSW) Board of Supervisors	2005-present
Alternate Councilor	2006-2012
CSW Committee on Outreach and Education	2009-2012
CSW Tellers' Committee	2010
Hillebrand Award Selection Committee	2010
	2010

STATEMENT (including, but not limited to: reason for seeking this office, goals for office if elected, honors received, personal aspirations)

As a member of the Board of Managers of CSW for more than a decade, I am proud to have been associated with the aggressive modernization program that has been implemented at CSW. Particularly impressive has been the appointment of colleagues at all levels of experience who have implemented new programs that expand the footprint of CSW. The ACS must continue to aggressively support programs that educate the next generation of scientists and fund the research activities in the US. The Chemical Society of Washington is unique when compared to other ACS sections because of the diverse group of professional chemists represented: multiple academic institutions and the highest concentration of professional scientists from the national laboratories such as FDA, NIH, NIST, and NASA among our members. The CSW must have a strategy that supports and expands the ties within this diverse chemical community. If elected a member of the Board of Managers, I will focus my efforts on (1) the introduction of programs for young scientists to have experiences at universities and national labs, and (2) expanding the outreach activities of the CSW particularly as it includes undergraduate and graduate students in CSW-sponsored programs.

Chemical Society of Washington Candidate Statement

Melissa V. Fernandez



Manager

EDUCATION

Institution name	Degree or Student Status	Field of Study
Florida International University	B.S.	Chemistry
Florida International University	M.S.	Chemistry
New York University	Ph.D.	Pathology

PROFESSIONAL EXPERIENCE

Position	City/State	Start-End
1. Process Engineering Intern, Dow Corning Corporation	Midland, Michigan	2005-2006
2. Adjunct Professor of Chemistry, John Jay Collegeg of Criminal Justice	New York, New York	2011-2012
3. AP & Regular Chemistry High School Teacher, Brandon High School	Tampa, Florida	2014-2015
4. Postdoctoral Fellow, HIV Dynamics and Replication Program, NCI	Frederick, Maryland	2015-Present

LEADERSHIP POSITIONS AND SIGNIFICANT ACTIVITIES IN ACS NATIONAL OFFICES, ACS LOCAL SECTIONS, ACS DIVISIONS, OR OTHER SCIENTIFIC GROUPS AND ORGANIZATIONS

Position/Activity	Year
Co-chair - NCI CCR-FYI Association Annual Colloquium Subcommittee	2016-2017
Frederick Campus Chair - NCI CCR-FYI Association	2016-2017
Steering Committee Member - NCI CCR-FYI Association	2015-2016
Subcommittee Member, Fellows Award for Research Excellence (FARE) subcommittee of FelCom	2016
CSW Volunteer	2015-Present

STATEMENT (including, but not limited to: reason for seeking this office, goals for office if elected, honors received, personal aspirations)

Education outreach is critical to fostering a scientifically informed public who understand the value of science research and education. It is extremely important that students and the public have a basic understanding of science to make informed and healthy decisions in their everyday lives, spanning topics such as: which laundry detergent is best for their family, and how a policy may protects their water quality. As a high school chemistry teacher, I encouraged my students to participate in the local National Chemistry Week and in the High School Chemistry Olympiad. By participating in a community outside of the classroom, my students understood the value of chemistry in their everyday lives and future career endeavors. Since starting a postdoctoral position I have volunteered as an ACS-CSW representative at the Fairfax County Science Fair and as a career panelist for Project SEED. I have also mentored 2 high school students and 3 post-baccalaureates in my research group this past year pursuing various careers in science. If elected, I would continue to expand the activities of Project SEED and YCC that allow students from economically disadvantaged and minority populations to gain valuable skills through participation in research within academia, industry, and government.

Chemical Society of Washington Candidate Statement

Daron Freedberg

Manager

EDUCATION

Institution name	Degree or Student Status	Field of Study
UCSD	A.B.	Chemistry
UCLA	Ph.D.	Organic Chemistry
NIH	Postdoctoral Fellow	Protein strcture and dynamics

PROFESSIONAL EXPERIENCE

Position	City/State	Start-End
Staff Fellow	Bethesda, MD	1997-2001
Senior Staff Fellow	Bethsda, MD	2002-2007
Research Scientist	Bethesda, MD	2008-2012
Senior Scientist	Silver Spring, MD	2012-present

LEADERSHIP POSITIONS AND SIGNIFICANT ACTIVITIES IN ACS NATIONAL OFFICES, ACS LOCAL SECTIONS, ACS DIVISIONS, OR OTHER SCIENTIFIC GROUPS AND ORGANIZATIONS

Position/Activity	Year
CSW Manager	2009-2015

STATEMENT (including, but not limited to: reason for seeking this office, goals for office if elected, honors received, personal aspirations)

As a previous member of CSW, I've been a part of some of the efforts and learned much. I have worked hard to establish and manage the local travel grant as a mechnism for career development for our young chemists and I plan to continue and expand this effort. As an FDA employee, working daily with other government scientists, I see a widening gap between Chemistry and the perceived scientific needs. I believe the key to bridging the gap is to bring together Chemists from the DC area by sponsoring events that will be interesting to many of the professionals in the region. These events could include networking meetings with local industry and granting agencies. I hope to work together with our Academic colleagues and the younger Chemists to make new connections through joint projects in the Washington Area.

Chemical Society of Washington Candidate Statement

David E. Harwell

Manager

EDUCATION

Institution name	Degree or Student Status	Field of Study
University of Maryland	Executive MBA	Business/Economics
Texas Tech University	Ph.D.	Chemistry
Texas Tech University	B.S.	Chemistry

PROFESSIONAL EXPERIENCE

Position	City/State	Start-End
Assistant Director, American Geophysical Union	Washington, DC	2016 - present
Assistant Director, American Chemical Society	Washington, DC	2001 - 2016
Assistant Professor, University of Hawaii	Honolulu, HI	1997 - 2001
Haed Postdoctoral Scholar, Hawthorne Lab, UCLA	Los Angeles, CA	1994 - 1997

LEADERSHIP POSITIONS AND SIGNIFICANT ACTIVITIES IN ACS NATIONAL OFFICES, ACS LOCAL SECTIONS, ACS DIVISIONS, OR OTHER SCIENTIFIC GROUPS AND ORGANIZATIONS

Position/Activity	Year
Staff Liaison, numerous ACS committees and Presidential Task Forces	2001 - 2016
Councilor, Hawaii Section	2001
NCW Coordinator, Hawaii Section	2001
Member, Society Comittee on Education	2001
Associate/Member, ACS Younger Chemists Committee	associate 1995; member 1996 - 2001

STATEMENT (including, but not limited to: reason for seeking this office, goals for office if elected, honors received, personal aspirations)

It is an honor to be nominated to serve as a Manager for the CSW. My commitment to ACS is as strong today as it was more than three decades ago when I first joined as a student affiliate member in college. I have been a student, a researcher, a professor, a volunteer leader, and an ACS staffer. In each position, I have supported the role that chemistry plays in solving the important challenges of our time, and the critical role that chemical scientists play in making life better. I have served on the national Younger Chemists Committee, the Society's Committee on Education, as the Councilor for the Hawaii Local Section, and in my earliest days, as the Webmaster for the California Section. While on staff at ACS, I managed the ACS Office of Community Activities, the ACS Department of Local Section and Community Activities, the ACS Department of Career Services, the ACS Department of Diversity Programs, and the Department of Industry Member Programs. I also led efforts to serve chemical startups and entrepreneurs through the ACS Entrepreneurial Initiative—a 2012 ASAE Summit Award winner. If chosen as a CSW Board member, it would be my honor to serve you.

Chemical Society of Washington Candidate Statement

Bradley A. Scates

Manager

EDUCATION

Institution name	Degree or Student Status	Field of Study
Washington University	Ph.D.	Organic Chemistry
Washington University	M.A.	Organic Chemistry
University of MD, Baltimore County	B.S.	Biochemistry

PROFESSIONAL EXPERIENCE

Position	City/State	Start-End
Adjunct Professor, Bowie State University	Bowie, MD	Jan 2016 to July 2016
Visiting Scientist, Library of Congress	Washington D.C	Feb 2015 to August 2015
Conservation Science Fellow, Walters Art Museum	Baltimore, MD	June 2014 to November 2014
Tutor, Huntington Learning Center	Gambrills, MD	March 2013 to present

LEADERSHIP POSITIONS AND SIGNIFICANT ACTIVITIES IN ACS NATIONAL OFFICES, ACS LOCAL SECTIONS, ACS DIVISIONS, OR OTHER SCIENTIFIC GROUPS AND ORGANIZATIONS

Position/Activity	Year
CSW, Project SEED Committee member	2016
CSW, Environmental/ Sustainability Committee member	2014

STATEMENT (including, but not limited to: reason for seeking this office, goals for office if elected, honors received, personal aspirations)

The reason I am seeking the office of Manager is to help spur interactions between members of the Chemical Society of Washington. The members of the society are active in a wide variety of chemical and related fields and by connecting with people in other areas I hope the membership will be inspired with new perspectives and new approaches to solving problems.

If elected, I would reach out to the membership to learn what they hope to gain from being members of the American Chemical Society. I will do my best to point out current offerings from the ACS and I will be open to hearing suggestions on how the CSW can serve the needs and goals of the members.

The CSW has allowed me to broaden my circle of friends and acquaintances and to help keep me abreast in fields of chemistry outside of my specialty. I would like to do the same for others.