

# THE CAPITAL CHEMIST

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

## President's Welcome

Greetings and Happy New Year! I am excited for 2019 in the Chemical Society of Washington, and I thank you all for the opportunity to serve as your president for this year. I hope that 2019 will bring some exciting times for CSW, and I am grateful to be a part of it.



CSW is a very large local section, and we have a robust community. There is so much opportunity at the local level here. You may not fully realize it, but CSW is absolutely everywhere in the DMV. We are home to literally thousands of members, and have huge communities in industry, government, academia, and more.

I intend to use my year as president to try and strengthen that community. CSW would not exist without our membership, so our membership is going to be our focus.

My ask of those of you active members reading this is for you to help me and the CSW Board do just that! We are looking for passionate members of the chemistry community who want to lead in their own way. We want to support your own efforts, in your workplace, your school, your nonprofit, and more. If you have thoughts, or you want to be involved, please contact me! I'm here to help you.

I feel very lucky to have become a part of the CSW community. I intend to spend my year creating as many opportunities as I can so more people can be a part of this community. I hope you will join me in this effort!

*-Christopher Avery, 2019 CSW President*

**Volume 69, Number 1**  
**January 2019**

### Inside this issue:

- Attend this month's CSW Meeting on January 10<sup>th</sup>
- Sign up to become a Chemistry Olympiad mentor
- See the list of 2019 CSW Officers, Councilors, and Managers
- Submit your nominations for the Hillebrand Prize, and the Gordon and Schubert Awards

## Join us for the January 10th dinner meeting

Join us on January 10th for the next CSW dinner meeting. The meeting will be held at ACS headquarters, and our featured speaker will be J. Carl Maxwell from the American Chemical Society, and he will be speaking about science policy in DC.

### Biography

Carl Maxwell is Manager of Government Affairs for the ACS Office of External Affairs and Communications. Prior to joining ACS, he was Senior Legislative Assistant to Representative Earl Blumenaar (D-OR) and Jim Turner (D-TX). He also worked in the offices of Senator Bob Smith (R-NH) and Susan Collins (R-ME). A native of Austin, Texas, he lives in Maryland with his two sons and wife, and is a graduate of Bates College with a BA in Political Science.

### Abstract, "Complex Variables: Understanding Science Policy in Washington, DC"

With the 2018 election complete and a split Congress swearing in on January 3, understanding the formation of science policy is newly relevant. This discussion will cover the 2018 election, issues facing the 116th Congress and the Administration, as well as the effects of divided



governance. ACS works closely with policy makers and the presentation will cover policy formation at the American Chemical Society, as well as avenues for engagement for members of the chemical science community.

## Meeting Logistics

Date: Thursday, January 10, 2019

Time: 6:00 p.m. Check-in/Social Hour

6:30 p.m. Dinner

7:00 p.m. Presentation

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

Menu: Meal will be catered by Windows Catering Company and will feature Lebanese Grill (spit grilled chicken and lamb marinated in Mediterranean spices served with tahini sauce and roasted potato wedges). Vegetarian Option: Stuffed Artichoke Bottoms (artichokes stuffed with roasted garlic spinach and sun dried tomato on a bed of quinoa). Sides include Tabbouleh Salad (bulgar wheat tossed with fresh parsley, tomato, mint, green onion, fresh lemon juice and extra virgin olive oil), hummus and Pita platter. Dessert: Almond shortbread with coffee glaze. Assorted beverages will be provided.

Cost: \$25 (Members and guests) / \$13 (Students and High School Teachers)

RSVP by noon Tuesday, January 8, to [csw@acs.org](mailto:csw@acs.org) (preferred) or by phone (messages only: 202.659.2650). Please provide the names in your party when you RSVP, and if you wish to have the meat or vegetarian option. The public is invited to attend. You may attend the talk only, but reservations are appreciated. If you need any further information or would like to make a reservation, please contact the CSW office by email at [csw@acs.org](mailto:csw@acs.org) (preferred) 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

## U.S. National Chemistry Olympiad Seeking High School Mentors

High school chemistry teachers are invited to apply for a position as mentor for the U.S. National Chemistry Olympiad (USNCO) program for the 2020-2022 term. Successful applicants are expected to have background in one or more of the areas of organic, inorganic, analytical, physical, or biochemistry with classroom experience and should demonstrate involvement with students in special projects or activities. Applicants must be prepared to make a three-year term commitment. ACS pays all reasonable expenses and travel costs, as well as an honorarium.

Interested individuals can obtain an application and more information at [www.acs.org/olympiad](http://www.acs.org/olympiad). The deadline to submit an application is January 25, 2019. Applicants must also arrange to send three letters of recommendation directly to Lily Raines, Manager, Office of Science Outreach, ACS Education Division, at [USNCO@acs.org](mailto:USNCO@acs.org) by February 8, 2019.

If you have questions please contact Margaret Thatcher, USNCO Project Manager, at [usnco@acs.org](mailto:usnco@acs.org) or (202) 872-6328.

# 2019 CSW Officers, Councilors, and Managers

## Officers

President: Christopher W. Avery  
President-elect: Darryl A. Boyd  
Immediate Past President: Allison A. Aldridge  
Secretary: LaKesha N. Perry  
Treasurer: Wesley S. Farrell

## Councilors

### 2019 – 2021

Allison Aldridge  
Kim M. Morehouse  
Bradley A. Scates

### 2019 – 2020

John M. Malin  
Sara Orski  
Jennifer Y. Tanir

### 2019

Alan J. Anderson  
Joseph Antonucci  
Judith Faye Rubinson

## Alternate Councilors

### 2019 – 2021

Christopher Avery  
Daron Freedberg  
Matthew A. Windsor

### 2019 – 2020

Novella N. Bridges  
Monika I. Konaklieva  
N. Bhushan Mandava

### 2019

Jason Schaff  
Richard Goodman

## Managers

### 2019 – 2020

Sitara Chauhan  
India James  
Corina McClure  
Bree Taylor  
Emerald Wilson  
Alexander G. Zestos

### 2019

Regina Cody  
Rebecca Frey-Cooper  
Julius Green  
Mukes Kapilashrami  
Nevart Tahmazian  
Iris R. Wagstaff

## CSW honored its 50+ year members on December 15th

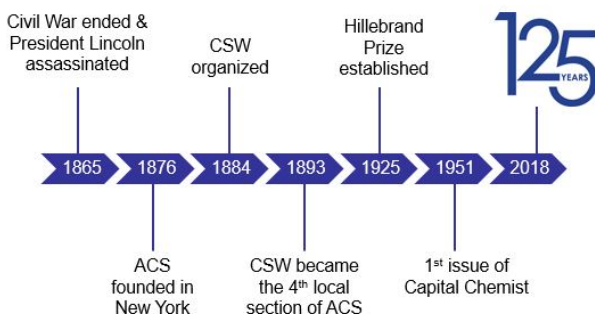
The December 15th meeting of the Chemical Society of Washington honored ACS's 50+ year members and recognized CSW's existence as a local chapter of ACS for 125 years! Seventeen of our honorees were in attendance.

Dr. Teri Quinn Gray, Global Technology Portfolio Leader with Transportation & Advanced Polymers at DowDuPont, talked about CSW and ACS: The Past, Present and into the Future (pictured, right, with President Allison Aldridge).



Honorees in attendance: David Bagwell, Howard Bender, Shuang-Ling Chong, Bert Coursey, Jim Grant, Brian Harney, Allan Hovland, Les Kitchman, Bhushan Mandava, Dennis Nelson, Stephen Oleck, Michael Oxman, Vivian Parker, Judith Ann Pauley, Lorna Sniegowski, Kurt H. Stern, Carolyn Offutt

[See full list of Honorees \(w/bios\).](#)



# Hillebrand Prize Call for Nominations

Nominations are invited for the 2018 Hillebrand Prize, awarded annually for original contributions to the science of chemistry by a member or members of the Chemical Society of Washington (CSW), the local section of the American Chemical Society. 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. See the list of award winners at <http://www.capitalchemist.org/2018/06/hillebrand-prize-recipients-by-year/>.

The nominating package should contain the following:

## **Nominating Letter – limited to 1000 words**

The letter should focus on the chemical accomplishments of the nominee, rather than the bio of the nominee, from a broad standpoint, leaving the finer points to those submitting seconding letters. Biographic details (degrees, positions held, major activities, etc.) will be given in the nominee's CV. The letter should begin with the major theme(s) in the nominee's research career with perhaps a summary of how these evolved over the years to create breakthroughs or push the field in a new or very productive direction.

Describing the nominee's major contribution(s) is extremely important, and should be the bulk of the letter. There is no preference or restriction for the specific area of contribution as long as it represents a significant accomplishment in chemistry. Anything is fair game; synthetic or analytical, experimental or theoretical, bio- or inorganic, etc. This section might detail such things as: the major techniques used in their research and how these were applied to a specific area to bring about significant results not previously achievable; if their research resulted in the development of a new experimental/instrumental technique or use of an existing technique in an innovative new way; how techniques the nominee developed became standard in that area; the impact the nominee's work had on influencing other areas of research; development of new reagents, catalysts or reaction conditions; development of a new computational method or theoretical approach; etc. The nominator should provide evidence in support of these statements. This could information about: the number of citations, impact factors of certain articles (or aggregate numbers), especially influential articles/book chapters, important invited talks, previous awards by other societies, patents, funding, important leadership positions, etc. Mentioning an extremely productive collaboration is possible so long as the role/contributions of the nominee are clear. The award is not given for mentoring students (as a specific criteria) but nominators often mention if this has occurred, especially if these students have gone on to significant posts on their own.

## **Two Seconding Letters – limited to 500 words each**

It is helpful if these be from established experts in the nominee's field, and best if they are from experts at institutions other than the nominee's unless a notable expert in the nominee's area is also from the nominee's institution.

## **Curriculum Vitae - the candidate must be a member of CSW**

The CV should strongly emphasize individual academic backgrounds, appointments, publications, presentations, and patents.

## **List of Publications**

This is critical in determining the specific scientific contribution of the nominee or team.

## **Proposed Citation – limited to 25 words**

This is a brief statement that should be understood by chemists in almost any area. It should avoid highly specialized language but still give the reader the area of accomplishment and why this is a significant accomplishment in chemistry. In some ways it is a one or two sentence abstract of the first



paragraph of the nominating letter. Since this is only 25 words, you may simply want to provide 1 or 2 examples of previous awardees.

We strongly recommend that the nominator collect all materials and forward in one email, preferably as PDF files(s), to [csw@acs.org](mailto:csw@acs.org). Nominations will be active for three years.

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](mailto:csw@acs.org). All materials must be received by Monday, January 7, 2019. The Prize will be presented at the CSW dinner meeting in March 2019.

If you have any questions about the award or the procedure for nominating someone for the award, please contact our office – [csw@acs.org](mailto:csw@acs.org) or 202.659.2650.

## Call for Nominations: 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 March 2018 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 (Montgomery, Prince George's, Charles, Calvert and St. Mary's Counties) and Virginia (Arlington, Fairfax and Loudoun Counties). The region of CSW also includes six counties on the Eastern Shore of Maryland: Caroline, Talbot, Dorchester, Wicomico, Worcester, and Somerset.

The CSW Schubert Award nomination form is available directly via The Capital Chemist website: <http://www.capitalchemist.org/wp-content/uploads/2018/11/Schubert-Nomination-Form.pdf>. Alternatively, a pdf version of the nomination form can be obtained by an email request to [csw@acs.org](mailto:csw@acs.org). Completed pdf nomination forms can be sent directly to [csw@acs.org](mailto:csw@acs.org). All nominations must be submitted by Monday, January 7, 2019.

## Call for Nominations: 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 by Monday, January 7, 2019. The nomination should be submitted electronically to [csw@acs.org](mailto:csw@acs.org). Please contact the Chair of the Awards Committee, Philip DeShong ([deshong@umd.edu](mailto:deshong@umd.edu)), if you have any questions.

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## SEARCHING FOR THAT SPECIAL JOB?

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

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

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

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



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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.

## **2019 Officers**

### ***President***

Christopher Avery

### ***President-elect***

Darryl A. Boyd

### ***Past President***

Allison Aldridge

### ***Secretary***

LaKesha N. Perry

### ***Treasurer***

Wesley Farrell

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[www.facebook.com/ACSCSW](http://www.facebook.com/ACSCSW).

## **CSW Calendar of Events**

January 7: CSW Award Nomination Deadlines

January 10: CSW Meeting

January 19: Deadline to submit Student Travel Award Application

January 28: CSW Board of Managers Meeting