

THE CAPITAL CHEMIST

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

CSW Dinner Meeting - October 17, 2024 featuring a recap of the 2024 BCCE Conference

Meeting Logistics

Date: Thursday, October 17, 2024

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

6:30 p.m. Dinner

7:00 p.m. Speaker Presentation

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

Menu: Meal will be catered by W. Millar & Co. and will feature Greek stuffed (spinach/feta) chicken, crisp garden salad, bread board with seasonal spread, and assorted cookies. Beverages will be provided.

Cost: \$20.00 per person (half price for students)

An RSVP is required for dinner so we can plan appropriate seating and meals.

RSVP by noon (ET) Tuesday, October 15, to csw@acs.org. Please provide the names in your party as well as your contact information when you RSVP. The public is invited to attend. You may attend the talk only at no charge, 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.

This will be a Hybrid Meeting.

Zoom Link:

<https://american-chemical-society.zoom.com/meeting/register/tZYkdumppjMiG9HJwnEuslfDIJkbOVgJBtwk>

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 p.m., but be aware that most parking meters are in effect until 10:00 p.m. 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

Presenter Bio: [Dr. Sharone L. Simmons](#)

Dr. Simmons received her BA in Psychology from the University of Maryland Baltimore County (UMBC) and her Doctorate in Podiatric Medicine from Temple University.

Dr. Simmons is a native of Charles County Md where she teaches Chemistry, Anatomy & Physiology and Project Lead The Way - Human Body Systems at Westlake High School. She started her career in CCPS in 2015. She has worked as an AVID Tutor, daily and long-term substitute teacher, home & hospital instructor, and

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Inside this issue:

Events

- Join us for the October Dinner Meeting
- 2024 Board Meeting Dates
- Participate in NCW events
- ATCC Tour

Section News

- See photos from Project SEED
- Vote in the CSW Election
- Apply to become a USNCO coach

Awards / Opportunities

- Nominations for the Hillebrand Prize and Gordon and Schubert awards are open
- Division of Analytical Chemistry YCC Travel Award

administrative instructional assistant before going into the classroom full time.


Dr. Simmons is active in the community at large as a member of Alpha Kappa Alpha Sorority Inc., Nu Zeta Omega Chapter in Waldorf, Md. She attends Christian Unity Baptist Church where she serves as the Single's Ministry Leader. Dr. Simmons is a devoted mother of 2 daughters and 1 son who loves spending time with her family, dining, traveling, and shopping.

Abstract

I plan to present a brief summary of the workshops I attended at the 28th Biennial Conference on Chemical Education held at the University of Kentucky, July 28-August 1, 2024. The conference was organized around four themes within the K-12, two-year college, and university communities: Classroom Practice and Learning Environments, Curriculum and Cognition, Assessment and Research Methods, and Professional Development.


CHEMICAL SOCIETY OF WASHINGTON

OCTOBER 17, 2024 DINNER MEETING



Dr. Sharone L. Simmons

“Recap 2024 BCCE Conference”

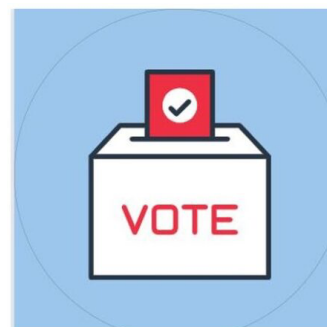


Join us in person* or virtually on Thursday, October 17, 2024, at 6:00 P.M. ET
ACS Headquarters, Marvel Hall - 1155 16th St., NW, Washington, DC

*Dinner is served in person,
requires registration and
payment

Vote in the CSW 2024 Election!

The Chemical Society of Washington will conduct its election with electronic ballots. CSW members with a valid e-mail address on file will receive an e-mail on or about October 11th with a unique voting link. If your e-mail account has strong spam filters, please whitelist elections@vote-now.com and election.ballot@vote-now.com in order to ensure that you receive your voting email. Members without an e-mail address on file will receive a paper ballot with voting instructions and candidate statements. Candidate statements are posted on the CSW website (www.capitalchemist.org). As in previous elections, voting will close at 11:59 pm on November 15. If you haven't voted in prior CSW elections, please take this opportunity to do so, and help shape the future direction of CSW. If you do not receive a ballot by October 21, please contact us at csw@acs.org.



CSW 2024 Election: Candidates

President-Elect (vote for 1)

Nevart Tahmazian

Write-In: _____

Treasurer (vote for 1)

Andrew Tricker

Write-In: _____

Councilor / Alternate Councilor

(vote for up to 3)

The three candidates with the most votes will be elected to Councilor, and the two candidates with the next most votes will be elected to Alternate Councilor.

Allison Aldridge

Gagandeep Kaur

Monika Konaklieva

Stephanie Moffitt

Lauren Ragle

Jacqueline Smith

Write-In: _____

Manager-At-Large (vote for up to 6)

Adriana Bankston

Tina Brower-Thomas

Steven Cummings

Reyniak Richards

Aditya Savara

Jason Schaff

Brian Slawski

Jennifer Swift

Write-In: _____

[View Candidate Statements](#)

https://capitalchemist.org/wp-content/uploads/2024/09/candidates-full_list_2024-1.pdf

Join in CSW in Celebrating National Chemistry Week - October 20-26, 2024 - "Picture Perfect Chemistry"

This year chemists across the world will celebrate National Chemistry week from October 20-26. The theme this year is, "Picture Perfect Chemistry". CSW has three ways you can help us celebrate.



[Volunteer at the Spooky Mad Science Expo on October 19th](#)

The **Spooky Mad Science Expo** is an annual event that celebrates science each year at Halloween by sharing science-based activities with the community. This year's event will be held at Patrick Henry Recreation Center (4653 Taney Ave Alexandria, VA 22304) on Saturday, October 19th (rain day: October 26th) from 3pm to 7pm. CSW will be participating this year by running chemistry-based activities for kids. More information about the

Spooky Mad Science Expo and photos from last year can be found on the Capital Chemist website. If you enjoy sharing chemistry insights with the community, please volunteer with us! To volunteer, please register as an ACS volunteer and email csw@acs.org by 10/4.

Help kids participate in the poem contest by October 27th

As part of the celebration, CSW will be hosting the **ACS Illustrated Poem Contest** for students K-12. Students are invited to create poems and illustrations around the theme, "Picture Perfect Chemistry". Local submissions are judged based on grade categories, and local winners advance to the national level where ACS awards cash prizes. To enter, both the poem and an entry form need to be submitted to csw@acs.org no later than October 27th, 2024, 11:59 pm ET. Poem Contest rules and further details can be found at <https://www.acs.org/education/national-chemistry-week/plan-an-event/illustrated-poem-contest.html>.

Share educational resources

CSW members can also celebrate National Chemistry week by checking out the **Celebrating Chemistry pamphlet** published by the American Chemical Society. The pamphlet focuses on the theme of photography and imaging chemistry and is full of information and simple and safe activities for students.

View pamphlet: <https://www.acs.org/education/outreach/celebrating-chemistry-editions.html>

Project SEED Summer 2024

CSW's Project SEED completed another successful program this summer by sponsoring nine students with the ACS Project SEED program. The program has grown and diversified its services of providing hands-on 8-10 week summer research experiences and virtual summer camps to more than 11,000 students in 40 U.S. states and territories. Project SEED's Mission is to provide sustained STEM research, learning, and growth opportunities for high school students with diverse identities and socioeconomic backgrounds so they can be empowered to advance and enrich the chemical science enterprise.

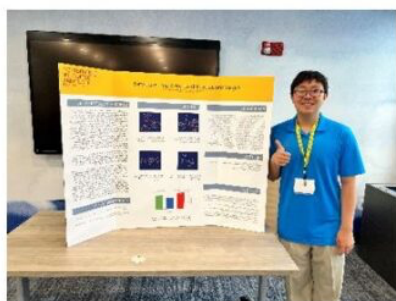
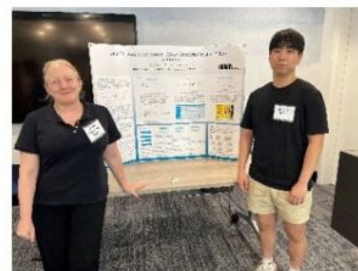
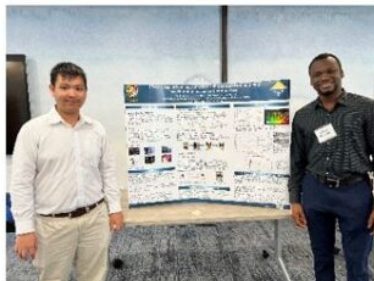
The mentors for Summer 2024 were:

- Cindy Connelly Ryan and Fenella France, Library of Congress
- Steven Cummings, Howard University
- Marie Christine Daniel and Lekan Ajiboye, University of Maryland, Baltimore County
- Yanxin Liu, Institute of Bioscience and Biotechnology Research at the University of Maryland College Park
- Xueqing Song and Alexandra Taraboletti, University of the District of Columbia (UDC)

CSW held orientation, a career symposium, a scientific writing workshop, and a poster presentation for the mentors, students, and their families. The posters were judged by CSW members, and the winners were David Kim (1st place), Tan Phu Quach (2nd place), and Jaydon Sun (3rd place). A couple of the students visited other laboratories participating in SEED this summer.

We are grateful for the mentors, CSW volunteers, the students, and the ACS Project SEED Program for their hard work that helped make Summer 2024 a success.

If you're interested in becoming a mentor or you know a student who would like to apply for Summer 2025, please email csw@acs.org.



2025 USNCO Coaching Program - Apply by October 30, 2024 to become a coach!

The US National Chemistry Olympiad (USNCO) provides a coaching program to help prepare students for the USNCO local and national exams. Coaching sessions will be hosted on Zoom and coordinated by ACS on Fridays every other week in January and February 2025. The coaching sessions start with a 30 minute tutorial before a problem solving session and group work. Students must submit an application to be considered for the coaching program. Coaches must be current or retired high school chemistry teachers, university professors, or industry professionals with teaching experience in chemistry, and may have private tutoring engagements. Coaches will be awarded with an honorarium at the end of the program. If you are interested in becoming a coach, apply by October 30, 2024! https://fs10.formsite.com/ACS_Outreach/fesd3advuw/index

More information about the program is available on the USNCO website:
<https://www.acs.org/education/olympiad/prepare-for-exams/coaching-program.html>

Sign up by October 8th for a free tour on October 15th at The American Type Culture Collection

The American Type Culture Collection (ATCC) has the world's largest collection of cell lines, microorganisms, and biomaterials, and on **Tuesday October 15th**, from **9:30-11:30 AM**, you can join AIChE NCS on an exclusive tour of their facilities. The tour is free, but space is limited to the first 20 people to sign up, ages 16+. Please reach out to slawski_brian@yahoo.com by October 8th if interested. We will be meeting at their site, located at 10801 University Blvd, Manassas, VA 20110. Oh, and did I mention they have a podcast? Yeah, they're that cool. Check it out at <https://www.atcc.org/resources/podcasts/>!

RSVP (via emailing Brian) is absolutely required for the tour. ATCC needs everyone's names prior to the event for security purposes. If you show up without RSVP'ing you will not be allowed on the tour.

Call for Nominations for the 2024 William F. Hillebrand Prize - Submissions Due November 15, 2024

Nominations are being accepted for the **2024 Hillebrand Prize Award**. The deadline to submit a nomination is November 15, 2024.

Nominations are invited for the 2024 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.



William Francis Hillebrand
December 12, 1853 – February 7, 1925

American Chemist
ACS President 1906

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: <https://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 so 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 include 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 positions of 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.

We strongly recommend that the nominator collect all materials and forward in one email, preferably as PDF files(s), to 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. All materials must be received by November 15, 2024. The awardee will be announced before the end of the year, and the Prize will be presented at the CSW dinner meeting in March 2025, or on a date mutually agreeable. If you have any questions about the award or the procedure for nominating someone for the award, please contact our office at csw@acs.org.

Call for Nominations for the 2024 Leo Schubert Memorial Award - Submissions Due November 15, 2024

The Chemical Society of Washington (CSW) is pleased to announce the call for nominations for the Leo Schubert Memorial Award to recognize an outstanding high school chemistry teacher in the Washington, D.C. area. The award was established in 1979 to honor Dr. Leo Schubert (1916-1978), 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 next spring 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.

Download form: <https://tinyurl.com/29sa3bau>

Completed nomination forms can be sent directly to csw@acs.org. All nominations must be submitted by November 15th. Please contact CSW (csw@acs.org) if you have any questions.

Call for Nominations for the 2024 Charles L. Gordon Award - Submissions Due November 15, 2024

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 a spring 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. The nomination should be submitted electronically to csw@acs.org. Please contact CSW (csw@acs.org) if you have any questions.

ACS Division of Analytical Chemistry YCC Travel Award

The ACS Division of Analytical Chemistry is offering travel awards for Younger Chemists (under age 35) to travel to a meeting to present the results of their research. Individuals who may not have previously been able to participate in professional meetings are particularly encouraged to apply. Applications are due Nov 1st for winter and spring meetings and May 1st for summer and fall meetings. More information is available on the Division website at <https://acsanalytical.org/ycctravel/>. The application forms will be available when the application period is open.

2024 Board Meeting Calendar

CSW's Board of Managers (BOM) meets quarterly to discuss CSW business and to have open floor discussion of new business. This includes all officers and reports of committee chairs. Meetings are open to CSW membership. Dates of the remaining board meetings for 2024 are as follows:

- Thursday, November 21, 2024

Our meetings are always from 7pm - 9pm and are hybrid (both in-person at the ACS headquarters and on Zoom). To attend, please email csw@acs.org one week prior to the meeting to be put on the visitor registration for ACS Marvel Hall or to request a Zoom link if attending virtually.

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The **Chemical Society of Washington (CSW)** is the local ACS Chapter for the Washington, DC area and serves approximately 3,500 members.

2024 Officers

President

Lauren Ragle

President-elect

Allison Aldridge

Immediate Past President

Alessandra Zimmermann

Secretary

Lee Nagao

Treasurer

Reyniak A. Richards

CSW Calendar of Events

- October 15: ATCC Tour
- October 17: CSW Dinner Meeting
- October 19: Spooky Mad Science Expo
- October 20-26: National Chemistry Week
- October 27: Illustrated Poem Contest Deadline
- October 30: Deadline to apply for UNSCO coaching program
- November 15: Deadline for Hillebrand Prize Nominations
- November 15: Deadline for Gordon and Schubert Award nominations
- November 15: Deadline to vote in CSW election
- November 21: CSW Board Meeting