

THE CAPITAL CHEMIST



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

Please Vote in the CSW 2023 Election!

The Chemical Society of Washington election for the 2024 Board of Managers is currently underway. The positions to be filled in this election are President-Elect, Secretary, two Councilors, six Alternate Councilors, and six Managers-at-Large. If you are a full ACS member within CSW's jurisdiction, you should already have received your ballot, either by email or by U.S. Mail if you don't have an email address on file with CSW. Electronic voting materials were sent to the email at which you receive official communications from ACS. If you have strong spam filters, please be sure to check your junk folder for an e-mail from either elections@vote-now.com or election.ballot@vote-now.com. If you have not received your election materials and voter ID code, please contact CSW (csw@acs.org). Voting closes 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. All you need to do is click, read, and vote! If you have questions about the voting process or have not received your ballot, please contact us at csw@acs.org.

View Candidate Statements at <https://tinyurl.com/59er7wkh>

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Volunteers needed for Community Science Night at Parkland Magnet Middle School on November 16th, 2023

The Parkland Magnet Middle School for Aerospace Technology in Rockland, Maryland will be holding a Community Science Night on November 16th, 2023. The Magnet Coordinator and organizer, Patricia Thompson, is seeking volunteers to help with the event. Volunteers can reach out to Patricia at Patricia_C_Thompson@mcpsmd.org.

Apply for HS-POWER Summer Internship

The HS-POWER program is a 10-week paid summer internship program where undergraduate and graduate students are matched with DHS or a component within DHS (CISA, TSA, CBP, S&T, and more!). HS-POWER is open to students majoring in a broad spectrum of homeland security-related science, technology, engineering, and mathematics (STEM) disciplines. Interested in learning what a chemist can do at DHS? Apply to participate in this quality research experience with federal research facilities and other HS-STEM focused entities nationwide, either onsite or in a virtual environment. The application deadline is December 15, 2023.

Learn more: <https://orise.orau.gov/dhseducation/hs-power/default.html>

Apply here: <https://zintelllect.com/Opportunity/Details/DHS-POWER-2024-SUMMER>

CSW/CMA Networking Social on November 10th

The Committee on Minority Affairs will be hosting a networking social on November 10th at 6pm at Busboys and Poets. All are welcome to attend. Please RSVP no later than November 8th.

Registration Link: <https://tinyurl.com/yxr8td3f>



ACS Chemical Society of Washington

COMMITTEE ON MINORITY AFFAIRS

Social

NOVEMBER 10TH

Location: Busboys and Poets
450 K ST NW, WASHINGTON, D.C. 20001
Time: 7pm

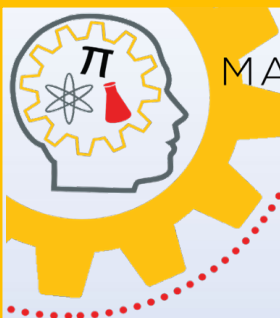
**EAT/DRINK/ NETWORK WITH
STUDENTS & PROFESSIONALS
LEARN MORE ABOUT ACS**

RSVP by NOV.8



ACS Local Section
Chemical Society of Washington

Volunteers Needed for BioTech and Health Expo



MARYLAND **STEM** FESTIVAL
BRINGING STEM TO YOU

BioTech/Health Expo at Roberto Clemente MS



Looking for Volunteers

Seeking individuals and organizations to provide Biotech & Health related demonstrations and activities for three hundred sixth graders. Come for one class or the entire day. Help create the next Biotech & Health workforce. For more information and to volunteer for this rewarding event, contact Phi Rogofsky, Executive Director at mdstemfest@gmail.com!

November 14th, 2023

**Roberto Clemente Middle School
18808 Waring Station Rd
,Germantown, MD 20874
9:00 am-3:00 pm**



marylandstemfestival.org

Congratulations to ACS Members celebrating 50, 60 and 70 Years in 2023



CSW 50+ Year Member Appreciation Luncheon

WHEN: Saturday, December 2, 2023 at 11:30am
WHERE: Maggiano's Little Italy Tysons Corner
2001 International Drive, McLean, Virginia 22102

The Chemical Society of Washington congratulates the members of the American Chemical Society who have reached their 50th, 60th, and 70th membership anniversary in 2023! It is a pleasure to recognize this milestone and to acknowledge your contributions to the success of the ACS.

View our 2023 Recognized Members: <https://tinyurl.com/y3fxt5at>

The Chemical Society of Washington and Senior Chemists committee are pleased to announce that CSW will hold a special luncheon on December 2, 2023, at which we will present an ACS Certificate of Recognition for 50, 60, or 70 years of service. The luncheon will be held at Maggiano's Little Italy Tysons Corner - 2001 International Drive, McLean, Virginia 22102.

Space is limited. Honorees are invited to attend with one guest at no charge.
Members and other guests are invited and will be charged \$35 per attendee.
Students and High School Teachers may attend at half price (\$18).

View the flyer for additional details: <https://tinyurl.com/5n8thm9m>

Teacher Travel Grant Available for 28th Biennial Conference on Chemical Education

The 28th Biennial Conference on Chemical Education (BCCE), will be held at the University of Kentucky from July 28 - August 1, 2024. The conference will be 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. The deadline for symposium and workshop abstracts is November 10. High school teachers are strongly encouraged to apply for the CSW BCCE Teacher Travel grant (<https://tinyurl.com/ydjwc6pt>) by February 14, 2024. Applicants will be notified of the status of their application by mid-March. Additional details can be found in the application form.

CSW Student Travel Award - ACS Spring 2024 Meeting



Applications are now being accepted:

CSW Student Travel Award

ACS Meeting – Spring 2024

New Orleans, Louisiana – March 17-21, 2024

The ACS National Meeting for Spring 2024 will be held in New Orleans, Louisiana, on March 17-21, 2024. This will be a hybrid event.

The Chemical Society of Washington is pleased to announce a student travel award to defray travel and/or registration costs to the Spring 2024 National ACS meeting. Eligible expenses include meeting registration, travel expenses, airfare, and lodging. Applicants should submit the following by midnight on December 1, 2023 to CSW (csw@acs.org):

- A cover letter stating how and why attending this ACS meeting will promote their career;
- The applicant's CV;
- A letter of recommendation from the student's mentor explaining why the student deserves the award and how this will help their professional development;
- An accepted abstract with proof of acceptance.

View the meeting details on the ACS website: <https://callforabstracts.acs.org/acsspring2024>

Within three weeks of returning from the ACS meeting, the awardees should submit receipts for any or all of the eligible expenses described above, after which the Treasurer of the Chemical Society of Washington will issue a check to each of the awardees.

The award is open to students who are graduate and undergraduate students in the jurisdiction of the Chemical Society of Washington. The award is not intended for post-doctoral fellows. There will be a maximum of four awards available. Each award will be for up to \$1,000 of eligible expenses based on the review of the above materials.

After returning from the conference, awardees will be asked to draft a short (1-page) summary of their experiences for posting to the Capital Chemist website and to present their posters, if applicable, at one of the upcoming CSW dinner meetings.

Call for Nominations for the 2023 William F. Hillebrand Prize - Applications Due November 15, 2023



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

American Chemist
ACS President 1906

Nominations are invited for the 2023 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 previous award winners: <https://tinyurl.com/33aym66u>.

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, 2023. The awardee will be announced before the end of the year, and the Prize will be presented at the CSW dinner meeting in March 2024, 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 2023 Charles L. Gordon Award - Submissions Due November 15, 2023

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.

Call for Nominations for the 2023 Leo Schubert Memorial Award - Submissions Due November 15, 2023

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 a 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.

The CSW Schubert Award nomination form is available directly via The Capital Chemist:
<https://tinyurl.com/29sa3bau>

Alternatively, a pdf version of the nomination form can be obtained by an email request to csw@acs.org. Completed nomination forms can be sent directly to csw@acs.org. All nominations must be submitted by November 15. Please contact CSW (csw@acs.org) if you have any questions.

CSW Member Publication Submission

We would like to highlight the work of CSW Members' accomplishments in terms of publications, book chapters, op-eds, reports, and presentations at local/national/international meetings. If you have such contributions, please complete the Google form using the link below.

Google
Form: <https://forms.gle/zRhFLkRWMdPXoLXNA>

Note that submission does not imply that your work is guaranteed to end up in the newsletter or website. We reserve the right to remove submissions that may be controversial or upsetting to others.



View the full list of submitted publications on the *Capital Chemist* website at <https://capitalchemist.org/2023/01/csw-recent-publications>.

The Capital Chemist

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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.

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LaKesha Perry

Secretary

Brian Rolczynski

Treasurer

Reyniak A. Richards

CSW Calendar of Events

- November 10: CSW/CMA Networking Social
- November 14: MD STEM Fest
- November 15: Nomination submissions due for Schubert and Gordon Awards, and Hillebrand Prize
- November 15: Deadline to vote in CSW election
- November 16: Community Science Night
- November 16: CSW Board Meeting
- December 1: Student Travel Award Deadline
- December 2: 50+ year member dinner
- December 15: Deadline to apply for HS-POWER internship