

THE CAPITAL CHEMIST

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

CSW Monthly Meeting – April 6, 2023

This will be a hybrid meeting with an option to join us in person at ACS Marvel Hall or via Zoom. Meet and Greet starts at 6:00pm, dinner will be at 6:30pm, and the award presentation and talk will begin at 7:00pm. The Zoom meeting will be available starting at 7:00pm for anyone who wishes to join remotely.



Richard Weiss
Hillebrand Prize Winner

Recognized for his contributions to an understanding of the relationship between structure, function and the chemical and photophysical properties of polymers and gels, as well as their applications, and of the impact on generations of students and fellow

researchers (both here and around the globe) in the course of more than fifty years as an academic scholar.

Richard Weiss will present, “*What Your Parents Didn't Tell You About Jell-O... or Molecular Gels*” following the award ceremony.

Volume 73, Number 4 April 2023

Inside this issue:

- Register to attend this month's virtual meeting
- Participate in the RAMP in the Research Lab Webinar
- Attend the AstraZeneca conference
- Attend a wine tasting with the Senior Chemists Committee
- Participate in CCEW!
- Mark your calendar for CMA's upcoming Career Day and outreach event
- Submit a publication to be featured on our website and in our newsletter, and see recent submissions from other members

RSVP/Registration Information

- **In Person Registration:** The deadline to RSVP for the in-person event is noon on Tuesday, April 4, and you may RSVP by email to csw@acs.org. Please provide the names in your party as well as your contact information when you RSVP, and advise if you wish to have the meat or vegetarian option. 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.
- **Zoom registration:** If you wish to attend remotely, you may register here: <https://tinyurl.com/23yunt57>. Registration is required to attend.

Meeting Logistics

Date: Thursday, April 6, 2023

Time: 6:00 p.m. Check-in / Meet & Greet Networking

6:30 p.m. Dinner

7:00 p.m. Presentation of Hillebrand Prize followed by Hillebrand Prizewinner Presentation, “What Your Parents Didn't Tell You About Jell-O... or Molecular Gels” (also available via Zoom)

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

Menu: Meal will be catered by Fresh Connections Catering and will feature braised short ribs with loaded baked potato, lentil soup and dessert. The vegetarian option is vegan stuffed peppers. Beverages will be provided.

Cost: \$25

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

Workshop: "RAMP in the Research Lab" - April 13, 2023

The ACS Division of Chemical Health and Safety Workshop, "RAMP in the Research Lab" will be held on Thursday, April 13, 2023, from 3pm to 6pm ET on Zoom.

This 3-hour workshop is for frontline researchers in academic institutions: graduate students, postdoctoral scholars, and undergraduate students. It will introduce the principles of the RAMP paradigm (recognize hazards, assess risk, minimize risk, and prepare for emergencies) through a series of case studies and discussion sessions focused on practicing each of the RAMP steps. By the end, attendees will have learned and practiced how to systematically do a risk assessment of existing protocols as well as for past incidents.



The workshop cost is \$25 per attendee, and participants will receive a certificate of participation to add to their resume or portfolio upon completion of the workshop.

Please register by Wednesday, March 29, 2023, at <https://tinyurl.com/5335y49s>.

AstraZeneca 1-day conference on Inhaled Biologics - In Person in Gaithersburg, MD - April 14, 2023

Astra Zeneca is offering a conference on April 14, 2023, "Inhaled Biologics: Challenges, Opportunities, and Future Directions" at the AstraZeneca Office (1 Medimmune Way, Gaithersburg, MD). The conference registration fee is \$50 and includes food and refreshments.

Download the event flyer from the *Capital Chemist* website: <https://tinyurl.com/2p86emdr>

CSW Wine Tasting Event - April 15th, 2023

Love Wine and Chemistry?



Join the CSW's Senior Chemist Committee for a day of fine tannins and sparkling phenols (and some ethanol) at Maggie Malick Wine Caves

When?

11:00 AM to 1:00 PM on April 15, 2023.

Where?

Maggie Malick Wine Caves, LLC
12138 Harpers Ferry Road
Purcellville, VA



No cover charge!
Flights cost \$10-14

Chemists Celebrate Earth Week - April 16-22, 2023



Chemists Celebrate Earth Week (CCEW) is the week of April 16-22, 2023 with the theme, **"The Curious Chemistry of Amazing Algae."** During CCEW, chemistry enthusiasts celebrate by coordinating events to communicate the importance of chemistry. Please let CSW know if you plan to organize and hold events for this important celebration.

Once again, this year CSW will host the local Illustrated Poem Contest for ACS. Students K-12 are highly encouraged to participate. The students need to submit their poems along with the entry form

(<https://tinyurl.com/4kdh53c9>) to csw@acs.org no later than April 30, 2023, 11:59 pm ET. The student's name should not appear on the front of the poem, and the entry form and the poem should be submitted separately, as separate files. Poems may be submitted as .pdf files or as high-resolution .jpg or .png files. Incomplete entries will not be considered. Please read and follow the contest rules outlined in the flyer (<https://tinyurl.com/5n8dzu5m>) carefully.

All poem submissions will be judged at the local level first to be considered for the national contest. The local first-place winners will advance to the national contest for a chance to win cash prizes. ACS will award \$300 to the first place winners and \$150 to the second place national contest winners in each grade category! National contest winners will be announced in May.

You may visit <https://tinyurl.com/ytte88ka> to read more about this wonderful activity, and visit <https://tinyurl.com/mrawjbwc> to see last year's local winners.

Save the Dates! CMA Career Day on May 7th and Outreach Event on April 29th

The Chemical Society of Washington's Committee on Minority Affairs invites you to the

CSW CMA Career Day

May 7th 2-4 PM EST

at

1155 16th St NW, Washington, DC

- ✓ Learn how to apply for government, academic, or industry jobs
- ✓ Get resume help from career consultants
- ✓ Check out ACS's career resources



The Committee on Minority Affairs (CMA) will hold a Career Day event on May 7th from 2-4pm at ACS HQ in Marvel Hall. The event will include career consultants (including CSW's Allison Aldridge!), along with consultants from industry and academia. Events include, but are not limited to, resume reviews, mock interviews, and career consultant speakers.

CMA is also teaming up with Techbridges and WCC for the 4th annual Inspiring Young Girls in Chemistry event on April 29th from 10:00 AM to 11:30 AM. More details will be posted soon!

CSW Member Publication Submission



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.

Selected Recent Publications from CSW Members

Ericksen B. Enhancement of the activity of the antimicrobial peptides HNP1 and LL-37 by bovine pancreatic V. Simonenko*, **X. Lu***, etc., A novel siRNA-Gemcitabine construct as a potential therapeutic for treatment of pancreatic cancer, *NAR Cancer*, 2020, 2, zcaa016

X. Lu, Proprietary Peptide Docking Vehicle (PDoV) -GalNAc RNAi delivery platform, *SLAS2023 International Conference & Exhibition*, San Diego, CA, Feb. 25-Mar. 1, 2023.

Robert E. Pellenbarg and The Board Of Trustees Of The California State University Priority 2018-06-12. Octamethylcyclotetrasiloxane interacts with lithium ions. WO US US11279626B2. • Filed 2019-06-11 • Granted 2022-03-22 • Published 2022-03-22. Provided is a method of extracting a metal ion, which comprises contacting a compound of formula $(R_2SiO)_n$ with a source of the metal ion, whereby the compound and the metal ion form a complex, wherein each R is independently C 1-10 alkyl, and n is 3-10.

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

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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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CSW Calendar of Events

- April 6: CSW Monthly Meeting
- April 13: RAMP in the Research Lab
- April 14: AstraZeneca conference
- April 15: Wine Tasting Event
- April 16-22: Chemists Celebrate Earth Week
- April 23: Rockville Science Day
- April 29: Inspiring Young Girls in Chemistry
- April 30: CCEW Illustrated Poem Contest deadline
- May 7: CMA Career Day
- May 22: CSW Board Meeting
- September 18: CSW Board Meeting
- November 16: CSW Board Meeting