

THE CAPITAL CHEMIST

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

Career Navigator LIVE presents ACS CAREER DAY DC METRO AREA: April 20, 2019

ACS and CSW are teaming up to host a career day April 20th at ACS Headquarters. This full day event will be focused on chemists looking to transition in their careers, but is open to all enthusiastic chemists looking to build new skills.

If you are interested in attending this free event, please register using the following link:

<https://chemistryjobs.acs.org/careerfair/24900/career-navigator-live-presents-ac-s-career-day-dmv/>

We're also going to have local employers there to showcase opportunities for chemists in the DMV.

Career Day Agenda

There's more on the way to help you navigate toward success.

8:30 am – 9:00 am

Registration & Welcome Breakfast

9:00 am – 12:00 pm

Talks and Interactive Workshops

- Finding Your Career Path
- Making a Career Pivot
- Rediscover Networking
- Mastering Social Media & the Job Search
- Leveraging ACS Resources to Grow Your Career

12:00 pm – 1:00 pm

Networking Lunch & Meet the Speakers

1:00 pm – 4:00 pm

****Exclusive Employer Showcase**

ACS Career Resources Showcase

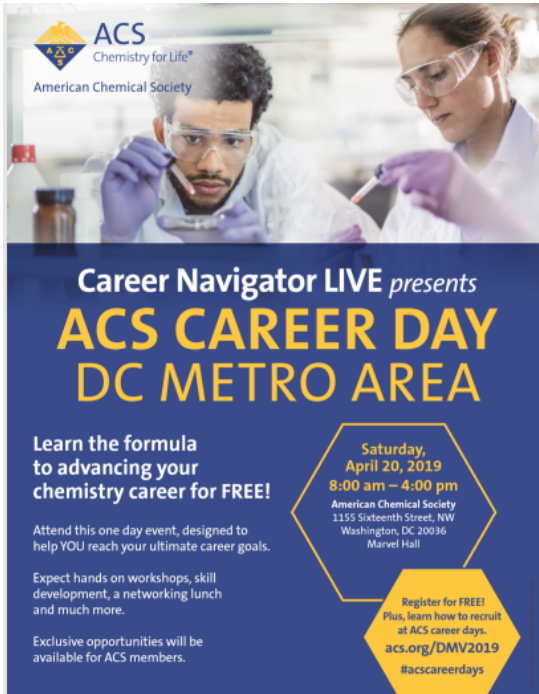
ACS Career Consultant Appointments Onsite:

- Individualized Career Advise
- Resume Reviews and Preparation Tips
- Job Search Strategies
- Salary Negotiation Techniques

Volume 69, Number 4
April 2019

Inside this issue:

- See photos from the recent ACS Program-in-a-Box event
- Volunteer at the “Expand Your Horizons” event
- Learn more about CCED, host an Illustrated Poem contest, or volunteer for Rockville Science Day
- Volunteer for the Chemathon!
- Attend the NCAC-SOT/CSW Spring Symposium
- Learn more about MARM



The poster features a photograph of two scientists in a lab setting. The text on the poster includes the ACS logo and tagline 'Chemistry for Life', the event title 'Career Navigator LIVE presents ACS CAREER DAY DC METRO AREA', and details about the date, time, location, and registration information.

ACS
Chemistry for Life®
American Chemical Society

Career Navigator LIVE presents
ACS CAREER DAY
DC METRO AREA

Learn the formula to advancing your chemistry career for FREE!

Attend this one day event, designed to help YOU reach your ultimate career goals.

Expect hands on workshops, skill development, a networking lunch and much more.

Exclusive opportunities will be available for ACS members.

Saturday, April 20, 2019
8:00 am – 4:00 pm
American Chemical Society
1155 Sixteenth Street, NW
Washington, DC 20036
Marvel Hall

Register for FREE!
Plus, learn how to recruit at ACS career days.
acs.org/DMV2019
#acs-careerdays

**** If your organization isn't already participating in DMV career day, but would like to, we'd love to have you!** Please contact Sara Orski (sara.orski@gmail.com) or Tommie Parker (T_Parker2@acs.org) to get involved.

Note: This event will be held in lieu of the April CSW dinner meeting.

ACS Program-in-a-box at Montgomery College was a success!

The American Chemical Society-"ACS in a Box/the Evolving Periodic Table" live video-streaming event was held on Feb. 26th at Montgomery College, Rockville. It was co-sponsored by the Chemical Society of Washington and Montgomery College Chemistry Department, Rockville campus. There were close to 50 students, faculty and staff in attendance.

This live global event gave the students and attendees a chance to listen to and remotely interact with prominent scientists and learn about the historical and interesting evolution of the periodic table of the elements. Additionally, it touched upon the most recently developed heavier elements and an overview of the process by which these elements are discovered.

Additionally, the students had the unique opportunity to tweet and ask questions to the scientists via chat feature. There were raffles and prizes given to the students.



Volunteers Needed for “Expanding Your Horizons” Event for Local Girls in STEM

The Chemical Society of Washington, a local section of the American Chemical Society (www.capitalchemist.org) is holding a joint event with Expanding Your Horizons (www.eyhn.org) this May.

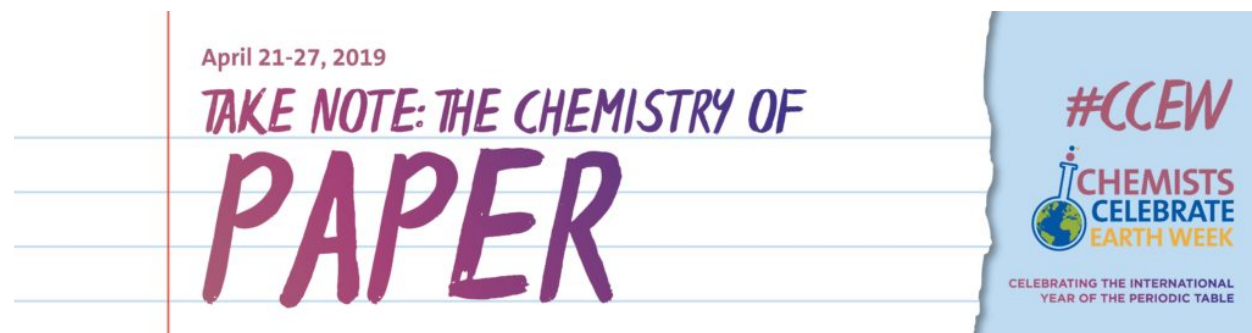
We are looking for female scientists that are interested in volunteering 2-4 hours to provide engagement sessions and/or conducting hands-on STEM(Science, Technology, Engineering and Mathematics) activities for girls that are interested in STEM.

Tentative Agenda (4 hour event, start time 9:00am)

- Registration and Check-In
- Opening session – Welcome and Keynote speaker
- Breakout sessions – 4 or 5 rooms with engagement sessions or STEM activities
- Closeout session – Thank you and Refreshments

For questions please contact the Women Chemists committee and Younger Chemists committee chairs: Novella N. Bridges (nbridges@gmail.com) and Corina McClure (corinamcclure6@gmail.com), respectively.

Chemists Celebrate Earth Week - April 21-27, 2019

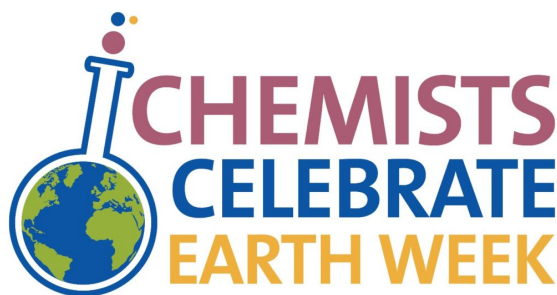


Chemists Celebrate Earth Week (CCEW) is a community-based program of the American Chemical Society (ACS). This annual program unites ACS local sections, student chapters, technical divisions, businesses, schools, and individuals in communicating the positive role that chemistry plays in the world. Earth Day was first officially recognized on April 22, 1970 as a way to demonstrate support for a healthy environment, raise awareness about environmental issues, and remind people that we all need to contribute to a sustainable planet. For years, chemists have been promoting a better world through recyclable plastics, cleaner-burning fuels, phosphate-free detergents, environmental monitoring, and green chemistry initiatives. The ACS joined the Earth Day celebration on April 22, 2003.

The Chemical Society of Washington (CSW) will once again participate in Chemists Celebrate Earth Week (CCEW) activities. Chemistry is all around us and is vital to our planet's sustainability. Whether it's used in recyclable and biodegradable materials or through the reduction of waste, chemistry is involved in ensuring that we can be eco-friendly and kind to our environment. CCEW seeks to bring international focus to environmental causes, such as clean air, water, and energy. ACS offers events, contests, and educational resources for members, chemical educators, and chemistry enthusiasts to illustrate the positive role that chemistry plays in preserving the Earth. The CCEW 2019 theme is "Take Note: The Chemistry of Paper." This year's theme looks at the chemistry associated with paper. Paper is one of the most amazing materials ever invented. It has been around for 2000 years and has been essential to the development of knowledge and technology around the world. The basic process of making paper hasn't changed since its invention. Paper has been made using a variety of plants as the source of fiber. Plants are harvested to obtain fibers. These plant fibers are made from chemical compounds called cellulose and lignin. Cellulose is a long polymer made from glucose molecule subunits (or parts). Lignin is a more complex polymer that helps strengthen the plant stem and aids in the transport of water from the ground up into the plant. This and other topics are presented in this year's version of Celebrating Chemistry. The electronic version of the Celebrating Chemistry newsletter for CCEW, as well as additional information about this year's CCEW celebration, is available from the ACS website (www.acs.org/ccew).

CCEW Illustrated Poem Contest - Entries due April 29, 2019

As part of the Chemists Celebrate Earth Day activities, the American Chemical Society is sponsoring an illustrated poem contest for K-12 students. Students are asked to write and illustrate a poem using the Chemists Celebrate Earth Week 2019 theme, "Take Note: The Chemistry of Paper." This year's theme looks at the chemistry associated with paper. Paper is one of the most amazing materials ever invented. It has been around for 2000 years and has been essential to the development of knowledge and technology around the world. The basic process of



making paper hasn't changed since its invention. Paper has been made using a variety of plants as the source of fiber. Plants are harvested to obtain fibers. These plant fibers are made from chemical compounds called cellulose and lignin. Cellulose is a long polymer made from glucose molecule subunits (or parts). Lignin is a more complex polymer that helps strengthen the plant stem and aids in the transport of water from the ground up into the plant. The illustrated poems should relate to the chemistry of paper. Detailed rules and guidelines are available on the Chemists Celebrate Earth Day website; www.acs.org/ccew. All Entries must provide the information that the ACS request via the [entry form](#) which is available via the ACS or CSW websites. [View flyer](#). Teachers at schools in the Chemical Society of Washington area are encouraged to have a contest at their school and then submit the winning entries from the school to:

Chemist Celebrate Earth Week Coordinator
Chemical Society of Washington
1155 16th Street, NW, Stop O-218
Washington, DC 20036

Electronic submissions should be sent to: Kim.Morehouse@FDA.HHS.GOV

All entries must be received by Monday, April 29, 2019 so winners at the local section level can be submitted to the ACS by Friday May 4, 2019.

Rockville Science Day - Sunday, April 28, 2019

Come and join us at Montgomery College for the 30th annual Rockville Science Day on Sunday, April 28, 2019, featuring a variety of science and technology-related exhibits, activities, games and demos. Activities and exhibits include rocket-building (and launching), telescope viewing, a travelling planetarium, all kinds of robots, backyard wildlife, ship models, microscopes, snakes, oyster farming, botball, stream science, a pigeon release, Civil War medical practice, coding challenges, math puzzles, chemistry in action (flames, explosions & other reactions), electric vehicle demos, quadcopters, archaeology mini-digs, 3D printing, and brain games.

Rockville Science Day is intended to provide a friendly environment for students and their parents to participate in some hands-on demonstrations and to learn more about how science and engineering are important to our society. There will be more than 70 exhibitors with hands on activities. Additional information about Rockville Science Day can be found on their website (<http://rockvillesciencecenter.org/rockville-science-day/>).

As part of the celebration of Chemists Celebrate Earth Week, the Chemical Society of Washington, in conjunction with the Chemistry Department at Montgomery College, Rockville Campus will participate in Rockville Science Day once again this year. Rockville Science Day is open to the public and CSW encourages you to attend.

This event will be co-sponsored by the CSW Outreach Committee and the CSW Environmental/Sustainability Committee. Volunteers from CSW will be providing hands on activities for children who attend the event as a part of CSW's participation in Chemists Celebrate Earth Week (CCEW). Volunteers will also hand out copies of the Celebrating Chemistry publication for CCEW, and various CCEW themed products. If you would like to volunteer for this event, please contact the CSW CCEW coordinator, Kim Morehouse (Kim.Morehouse@fda.hhs.gov).

35th Annual Chemathon will take place on Saturday, April 27, 2019 - Volunteers Needed!

The Thirty-fifth Annual Chemathon will take place on Saturday, April 27, 2019. The Chemathon is an annual chemistry competition for high school chemistry students in Maryland, Northern Virginia, and the District of Columbia. The Chemathon competition is organized by a committee of area high school chemistry teachers and chemists, and is hosted by the Department of Chemistry and Biochemistry at the University of Maryland at College Park. The Chemathon is open to all area high schools that would like to participate. There are two competitive tracks; Level I: for students who have not taken and are not currently taking AP Chemistry or IB Chemistry and have not previously participated in Chemathon, and Level II: aimed at students at the AP and/or IB level as well as previous contestants. The theme for the chemistry signs (posters) this year is "Chemistry of the Atmosphere." There is no entry or registration fee. If you are a high school chemistry teacher and would like your students to participate in this event, please see the Chemathon website for information on how to register your school (<http://www2.chem.umd.edu/chemathon/>).



The Chemical Society of Washington will once again be a sponsor of this event. Volunteers are needed to help judge the poster contest as well as to assist with some of the activities that the students will be competing in. If you would like to volunteer for this event, please contact Kim Morehouse via e-mail at kim.morehouse@fda.hhs.gov.

Joint NCAC-SOT/CSW Spring 2019 Symposium

Intersection of Chemistry and Toxicology in the 21st Century

Save the Date!

When: Tuesday, April 30, 2019, 8:30 AM - 4:30 PM

Where: American Chemical Society (ACS) Headquarters,
1155 16th St. NW, Washington DC 20036

Synopsis:

Databases, software, machine learning, and online marketplaces are increasingly used by chemists and toxicologists to identify and/or design safer chemicals and materials. This day-long symposium is intended to provide CSW and NCAC-SOT members with updates on advancements in each of these tools, identify what improvements are needed, and discuss strategies for increasing worldwide adoption of such tools. Recognized experts from industry, NGOs, academia, and government will present their perspectives on this topic.

Registration, speaker line-up, poster competition instructions, and other details of the Spring Symposium are available on the [NCAC-SOT website](#).

Contact CSW (csw@acs.org) if you have any questions.

2019 ACS Middle Atlantic Regional Meeting 5/30-6/1

I am excited to highlight some of the amazing opportunities available at the 2019 American Chemical Society Middle Atlantic Regional Meeting. The 47th MARM will be held May 30 through June 1, 2019 in Baltimore, Maryland at the University of Maryland, Baltimore County. This year's theme is "Seeking Solutions through Chemistry" and this meeting is the perfect chance for chemists, both established and aspiring, to connect with the chemistry community, jumpstart your research and teaching, find new career opportunities, and help mentor the next generation.



There is a fantastic lineup of technical sessions on some of the most pressing topics in the world today including Atmospheric and Environmental Chemistry, the Opioid Crisis, Spectroscopy and Homeland Security, and more. Enjoy some great science with colleagues, hear from some of the sharpest minds in the field, and don't forget to take a break and visit the exhibit hall.

Are you an educator trying to bring your lecture into the 21st century? Embrace the future at MARM 2019. Highlights include a symposium on Digital Technologies in the Undergraduate Classroom where you can discover the cutting edge in integrating technology into the chemistry classroom. Join IONiC, an Interactive Online Network of Inorganic Chemists and learn how VIPeR, the Virtual Inorganic Pedagogical Electronic Resource, can help energize your teaching by participating in an IONiC/VIPeR workshop.

Just starting out or looking for a change? There are some great career programming available at MARM 2019 just waiting for you! Learn about potential career paths, take advantage of resume review sessions, attend panel discussions to get perspectives from employers and recent chemistry grads, and learn about the unique challenges facing international chemistry students and professionals. Undergraduates are especially encouraged to participate in the undergraduate poster session and gain valuable experience communicating science. And, of course, don't miss the 2019 Chemagination Competition where high school students from local ACS sections will compete in a contest designed to strengthen their creative, teamwork and public speaking skills.

No matter what you're looking for, MARM 2019 may have the solution you seek. I hope you'll join us May 30 through June 1 in the beautiful city of Baltimore for the 2019 ACS Middle Atlantic Regional Meeting!

Please visit <https://marmacs.org/> for registration and additional information.

-Alan Anderson, CSW MARM Representative.

May CSW Dinner Meeting Speaker Announced

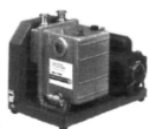
The next CSW Dinner Meeting will be held Thursday, May 9th at ACS Headquarters.

The speaker will be Dr. Andrew Davis from the Library of Congress.

To get a taste of the fantastic work the Library of Congress does, check out a webcast of Andrew speaking here: https://www.loc.gov/today/cyberlc/feature_wdesc.php?rec=8221

More details on the dinner and the presentation are coming soon!

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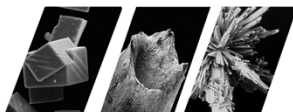
- www.mboservices.net
- <http://membership.acs.org/W/WashDC/career.html>



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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.

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CSW Calendar of Events

April 20: ACS Career Day: DC Metro Area

April 21-27: CCEW

April 27: Chemathon

April 28: Rockville Science Day

April 29: Illustrated Poem Deadline

April 30: Joint NCAC-SOT/CSW Symposium

May 9: CSW Meeting

May 20: CSW Board of Managers Meeting

May 30-June 1: MARM

September 16: CSW Board of Managers Meeting

November 21: CSW Board of Managers Meeting