

# THE CAPITAL CHEMIST



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

## April 15: YCC Career Day

YCC Career Day will be held Sunday, April 15th from 10am to 3pm at ACS Headquarters.

There will be three CSW members giving presentations on their experiences in various employment sectors including:

- Dr. Steven Cummings, Assistant Professor, Howard University
- Dr. Richard Goodman, Industrial Chemist and Consultant, RMG Consulting
- Corina McClure, MS, Chemist, Food and Drug Administration

There will also be a career panel of various CSW members, including those in "non-traditional" careers. Please bring your questions for the group!

After the presentations and career panel, there will be a series of stations where attendees can learn about career skills and resources in small groups.

These stations include:

- Resume review—please bring a copy of your resume with you!
- ACS career resources and tutorials
- Navigating the federal hiring process
- Networking 101

Lunch will be provided to attendees and volunteers. Please RSVP to [yccsw@gmail.com](mailto:yccsw@gmail.com) by April 11th to give us a final head count. We look forward to seeing you there!

### Volume 68, Number 4 April 2018

#### Inside this issue:

- Plan to attend YCC's Career Day on April 15<sup>th</sup>.
- The deadline to apply for Student Travel Awards is May 14<sup>th</sup>.
- Learn about this year's CCED theme and Events.
- Learn more about this year's Chemathon.

## Opioids - Combating addiction with Chemistry

The CSW Education Committee along with the STEM ED Community Club at Montgomery College, co-hosted the ACS Live Webinar event on "OPIOIDS: Combating addiction with Chemistry", on Tuesday Feb. 27, 2018 at Science West 301, Montgomery College, Rockville campus.

The event was very successful with about 50 attendees. Students took notes, and were engaged in the pre-webinar game activity. They filled out online and hard copy surveys, which were scanned and sent to the ACS office.

[Attached are photos of the event.](#)

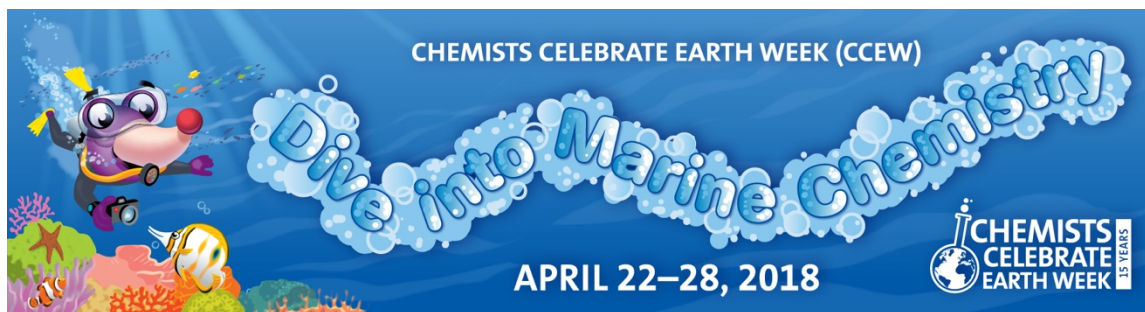
# Student Travel Award - Applications due May 14, 2018

The Chemical Society of Washington is pleased to announce a student travel award to defray travel and/or registration costs to the National ACS meeting in Boston this Fall (August 19-23, 2018). Eligible expenses include meeting registration and travel expenses, such as airfare and lodging. Applicants should submit the following by Midnight, May 14, 2018, to CSW (email: [CSW@acs.org](mailto:CSW@acs.org)):

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

Within three weeks of returning from the ACS meeting, the awardees should submit receipts to the CSW Treasurer (c/o [csw@acs.org](mailto:csw@acs.org)) 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. After returning from the conference, awardees will be asked to present their posters at one of the up-coming CSW dinner meetings.

The award is not intended for postdoctoral fellows. There will be a maximum of 4 awards, at \$500 each. Award of this stipend will be based on the review of the above materials. The award is open to students who are current members of the Chemical Society of Washington or are enrolled in a degree program at a university within the CSW jurisdiction.



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.

This year marks the 15<sup>th</sup> year since the ACS program was started. To align the Earth Day celebration with in ACS with the National Chemistry Week celebration, this year, ACS has changed the name to Chemists Celebrate Earth Week.

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 2018 theme is "Dive into Marine Chemistry." This year's theme looks at the impact of chemistry on the oceans. Life on our planet began in the oceans, and today the oceans are full of tiny organisms that, together, weigh more than everything that lives on land. The oceans also absorb carbon dioxide and produce oxygen in a cycle that is essential for all life on earth. This and other topics are presented in this year 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](http://www.acs.org/ccew)).

## Rockville Science Day: April 22<sup>nd</sup>

Come and join us at Montgomery College for the 29th annual Rockville Science Day on Sunday, April 22, 2018, 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 Day. Volunteers will also hand out copies of the *Celebrating Chemistry* publication for CCED, and various CCED-themed products. If you would like to volunteer for this event, please contact the CSW CCED coordinator, Kim Morehouse ([Kim.Morehouse@fda.hhs.gov](mailto:Kim.Morehouse@fda.hhs.gov)).

## 2018 CCEW Illustrated Poem Contest - Deadline April 23

As part of the Chemists Celebrate Earth Day activities, the American Chemical Society is sponsoring an illustrated poem contest for students in Kindergarten through 12<sup>th</sup> grades. Students are asked to write and illustrate a poem using the Chemists Celebrate Earth Week 2018 theme, "Dive into Marine Chemistry." This year's theme looks at the impact of chemistry the oceans. The illustrated poems should relate to how chemistry can impact oceans. Detailed rules and guidelines are available on the Chemists Celebrate Earth Day website; [www.acs.org/ccew](http://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. The entry form is available from the CSW website. 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 16<sup>th</sup> Street, NW, Stop O-218, Washington, DC 20036.

Electronic submissions should be sent to: [Kim.Morehouse@FDA.HHS.GOV](mailto:Kim.Morehouse@FDA.HHS.GOV)

All entries must be received by Monday, April 23, 2018.

## 34th Annual Chemathon takes place April 28<sup>th</sup>

The 34<sup>th</sup> annual Chemathon will take place on Saturday, April 28, 2018. 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 who 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 posters this year is "The Chemistry of Global Infectious Diseases and Their Treatments and Cures." 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 email at [kim.morehouse@fda.hhs.gov](mailto:kim.morehouse@fda.hhs.gov).

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- 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 Capital Chemist**

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### ***Capital Chemist Staff***

Voice: 202-659-2650

Email: [thecapitalchemist@gmail.com](mailto:thecapitalchemist@gmail.com)

Twitter: @CapitalChemist

### ***Chair, Publications***

Christopher W. Avery

### ***Editor, Business Manager***

Jessica L. Rasmussen

### ***Publisher***

Chemical Society of Washington

### ***Advertising Manager***

MBO Services

PO Box 1150, Marshfield, MA 02050

Vince Gale, Advertising Manager

[vincegale@mboservices.net](mailto:vincegale@mboservices.net)

781-837-0424 voice

### ***CSW Correspondence***

CSW, 1155 16th Street, NW, O-218

Washington, DC 20036

202-659-2650 voice

email: [csw@acs.org](mailto:csw@acs.org)

[www.capitalchemist.org](http://www.capitalchemist.org)

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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 15: YCC Career Day

April 22: Rockville Science Dar

April 23: Illustrated Poem Deadline

April 28: Chemathon

May 10: CSW Meeting

May 14: Student Travel Award Application Deadline

May 21: Board of Managers Meeting

September 24: Board of Managers Meeting

November 28: Board of Managers Meeting