

THE CAPITAL CHEMIST



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

Message from the President

Contributed by Dennis Chamot, CSW President

The January CSW membership meeting featured an interactive session with Dr. Kathy Covert, who oversees the NSF's Centers for Chemical Innovation (CCI). She led a stimulating discussion of Grand Challenges for Chemistry. CCI supports scientific exploration of complex, fundamental issues (e.g., determining the chemical nature of memory and consciousness), and of course, much of what is discovered by such fundamental basic research may prove to be profoundly useful for solving practical problems down the road. Those who attended this session were given opportunities to think up grand challenges, and to think about what resources—human and otherwise—would be necessary to explore them. All in all, a stimulating evening to kick off the new year. To see some short videos produced for the centers in the CCI program, check out these links:

CENTC - find new processes for efficient, environmentally responsible production of chemicals and fuels from common feedstocks

http://www.nsf.gov/news/special_reports/science_nation/diesel.jsp

CCI Solar Fuels - enable efficient and economical conversion of solar energy into stored chemical fuel

http://www.nsf.gov/news/special_reports/science_nation/solarfuels.jsp

CaSTL - probe single chemical events in real space and time

http://www.nsf.gov/news/special_reports/science_nation/chemiscope.jsp

CCE - understand how the first biopolymers formed on an early earth

http://www.nsf.gov/news/special_reports/science_nation/chemicalevolution.jsp

CSMC - design green, solution-based chemistry routes for producing high-quality thin films for next-gen devices

http://www.nsf.gov/news/special_reports/science_nation/sustainablechemistry.jsp

CCHF - change the way organic molecules are constructed

http://www.nsf.gov/news/special_reports/science_nation/neworganics.jsp

CAICE - understand the chemistry behind the climate impacts of atmospheric aerosols

http://www.nsf.gov/news/special_reports/science_nation/aerosols.jsp

CSP - transform how plastics are made and unmade

http://www.nsf.gov/news/special_reports/science_nation/sustainablepolymers.jsp

**Volume 66, Number 2
February 2016**

Featured Items:

- Message from CSW President, Dennis Chamot
- Learn about the CSW Dinner Meeting on 2/11
- MARM abstract submission is open!
- Congratulate Kim Morehouse, the 2016 ACS Local Section Outreach Volunteer of the Year!

Inside this issue:

MARM	2
Volunteer of the Year	2
Dinner Meeting	3
CSW Calendar	5

...Continued on next page

Message from the President, Continued

The next meeting, on February 11, will recognize students receiving College Achievement Awards, and feature a speaker discussing the chemistry job market (details appear elsewhere in this issue). And plan to join us on March 23 to hear Madeleine Jacobs, former ACS CEO and Editor-in-Chief of C&EN, and currently president and CEO of the Council of Scientific Society Presidents, on communicating science to the public and advocating on behalf of the sciences.

We are always interested in suggestions for programs, speakers, and activities to serve the interests of our diverse membership. You may contact me at csw@acs.org, using the subject line, "message for Dennis Chamot."

MARM 2016 Call for Abstracts

The 44th Middle Atlantic Regional Meeting is open and ready to receive abstract submissions. The meeting will be held at the College of Mount Saint Vincent in Riverdale, NY, June 9 - 12, 2016. Below are important deadlines and meeting information.

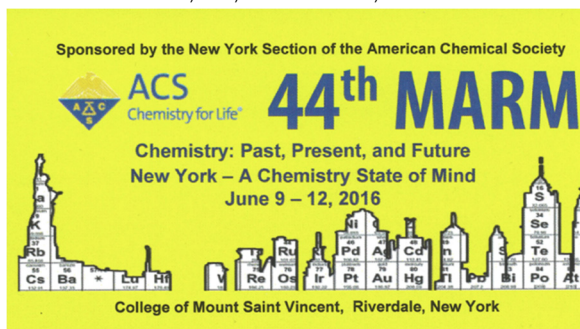
Important Deadlines

Abstracts Open: January 11

Abstracts Close to Authors: March 21

Acceptance Notices: April 27

[Submit your abstract today!](#)



Registration and Housing Opening Soon!

Please visit the [MARM 2016 website](#) for additional meeting information and updates.

Kim Morehouse receives ACS 2016 Local Section Outreach Volunteer of the Year Award

In an effort to recognize the immeasurable outreach efforts made by local section volunteers, the Committee of Community Activities (CCA) has established the "Local Section Outreach Volunteers of the Year" recognition program.

CSW Councilor Kim Morehouse was recently awarded a Local Section Outreach Volunteer of the Year award from ACS for his outreach involvement within the CSW local section.

Kim, a CSW Councilor, has been involved in outreach activities for the Chemical Society of Washington for many years. For over 10 years, Kim has served as the Coordinator for National Chemistry Week and Chemists Celebrate Earth Day (CCED). He is also the CSW representative to the Chemathon program, a competition for high chemistry students held at the University of Maryland. He has worked with the ACS headquarters staff for the USA Science and Engineering Festival, volunteering at the event as well as recruiting other volunteers. He has also served as a former CSW President and Treasurer. Please join us in congratulating him for his work!



Photo, left to right: Dennis Chamot, Kim Morehouse, Alan Anderson

Undergraduates to be Honored at February Meeting

The College Chemistry Achievement Awards are presented annually by the Chemical Society of Washington to the outstanding seniors majoring in chemistry and biochemistry from each of the area colleges and universities.

Meeting Details

Thursday, February 11, 2016
University of Maryland
Chemistry Building Atrium

6:00 p.m. Social Hour/Check-in/Dinner
7:00 p.m. College Achievement Awards
7:30 p.m. Speaker Presentation/TBA

Cost: \$28.00 Members & guests, \$14.00 Students

Menu

Catering provided by La Prima Catering and will feature a buffet of chicken with mushrooms, vegetarian pasta, grilled vegetables, herb roasted potatoes, and Caesar salad, served with assorted cookies and soda.

Reservations

Please make reservations by Monday, February 8, 2016, 12:00 noon, to the CSW office: csw@acs.org or 202-659-2650. Please designate the names in your party. The public is invited to attend. You may attend the talk only, but reservations are appreciated. Those who make a reservation, but are unable to attend, should send a check for the cost of their meal to the CSW office.

Directions

From Baltimore Avenue (US Hwy 1), enter the UMD campus using Campus Drive. At the traffic circle, bear right onto Regents Drive. Parking is available in the Regents Drive parking garage across from the Chemistry building. Parking is unrestricted after 4:00 p.m. in the non-metered spaces. Campus Drive is also accessible from University Boulevard or Adephi Road, on the west of campus. Metro: Green line to College Park. The University runs a free shuttle bus from College Park Metro Station. The bus stops at the Regents Drive Garage across from the Chemistry Building. If you need a map, one is available from the University of Maryland website, at www.umd.edu.

BUSINESS DIRECTORY

SERVICES



Eastern Scientific

www.easternsci.com

781-826-3456

Vacuum Pump Problems?

Eastern Scientific specializes in the repair and precision rebuilding of all makes of mechanical vacuum pumps.

Free pick-up & delivery
Restrictions apply



It's easy to become a CSW
volunteer!

Email csw@acs.org about
upcoming opportunities
today!



CAREER OPPORTUNITIES

PROMOTE YOUR PRODUCTS AND SERVICES • ADVERTISE IN THE CAPITAL CHEMIST

The Capital Chemist readership is greater Washington DC's largest source for chemical and biochemical buyers. *The Capital Chemist* reaches more than 4,300 readers each month. It has been estimated that these buyers annually purchase more than \$215,000,000 of:

- EQUIPMENT
- SUPPLIES
- CONSULTING SERVICES

Placing an advertisement in *The Capital Chemist* is the lowest cost method of reaching this select audience.

For further information and other options for promoting your company's products and services visit:
www.mboservices.net

NMR Service 500MHz

***Mass**

***Elemental Analysis**

NuMega Resonance Labs

numegalabs.com P- 858-793-6057

ACS Webinars™

CLICK * WATCH * LEARN * DISCUSS

Learn more and register at
www.acswebinars.org



Micron Analytical Services

COMPLETE MATERIALS CHARACTERIZATION
MORPHOLOGY CHEMISTRY STRUCTURE

SEM/EDXA • EPA/WDXA • XRD XRF • ESCA • AUGER • FTIR • DSC/TGA

Registered with FDA • DEA GMP/GLP Compliant

3815 Lancaster Pike Wilmington DE. 19805

E-Mail micronanalytical@compuserve.com

Voice 302-998-1184, Fax 302-998-1836

Web Page: www.micronanalytical.com

The Capital Chemist

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

Capital Chemist Staff

Voice: 202-659-2650

Email: thecapitalchemist@gmail.com

Twitter: @CapitalChemist

Chair, Publications

Dennis Chamot

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@mbo-services.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

<http://csw.sites.acs.org>

Claims for missing issues should be sent to CSW at the above address. **Member change of address** should be sent to ACS, PO Box 3337, Columbus, OH 43210; phone 800-333-9511; e-mail: service@acs.org; or edit member profile online at www.acs.org.

GENERAL: The Capital Chemist (ISSN 0411-0080) is published monthly from January to December (except June, July, and August) by the Chemical Society of Washington, 1155 16th Street, NW, Washington, DC 20036. Subscription price for an electronic subscription is included in all membership fees; mailed paper subscriptions are \$10.00 per year.

ISSN 0411-0080

POSTMASTER: Send address changes to The Capital Chemist, 1155 16th Street, NW, Washington, DC 20036.

CSW assumes no responsibility for the statements and opinions advanced by the editor or contributors to its publication or the products and services advertised herein. Copyright ©2016, CSW.

The **Chemical Society of Washington (CSW)** is the local ACS Chapter for the Washington, DC area and serves approximately 4,000 members.

2016 Officers

President

Dennis Chamot, National Research Council (Retired)

President-elect

Jason Schaff, Forensic Chemist, US Government

Secretary

Jennifer Tanir, ILSI Health and Environmental Sciences Institute

Treasurer

Stefanie Wittenberg, United States Patent and Trademark Office

Connect with us on Facebook at
www.facebook.com/ACSCSW.

CSW Calendar of Events

February

2/11: CSW Meeting

March

3/21: MARM Abstract Submission Closes

3/21: CSW Board Meeting

3/23: CSW Meeting

April

4/27: MARM Acceptance Notices Sent

May

5/16: CSW Board Meeting