



## ACS CENTRAL REGIONAL MEETING – CERM 2020

Wed May 27 – Fri May 29, 2020

Greater Columbus Convention Center  
and Hilton Hotel Downtown

The Columbus Section is hosting CERM 2020 on May 27–29, 2020, at the Greater Columbus Convention Center and Hilton Hotel Downtown. We expect this event to be one of the largest regional meetings in its 51-year history, in excess of 1,000 attendees joining this event, *celebrating the strength of 32 technical divisions and the outreach efforts of 25 local sections in the Central Region.* This year's theme: **"Envision Tomorrow's Chemistry!"**

We are *celebrating the strength of CAS and ACS Pubs with journal cover artwork and associated research papers*, and are providing a CAS tour to share the power SciFinder and newer research tools developed in Columbus, Ohio.

*Celebrate Diversity in the Chemical Enterprise with us in 2020!* – SCC, YCC, CMA, CWD, WCC in academia and industry.

Columbus, as the fastest growing metro area in the Midwest, is the 15<sup>th</sup> largest city in the U.S. (larger than Boston, Seattle, or Washington, DC.) and one of the most advanced technology R&D centers in the U.S. with Institutions such as Battelle, CAS, The Ohio State University, Rev1 Ventures (for startups), and headquarters to four Fortune 500 and fifteen Fortune 1000 companies.

<b>Technical Cochairs</b>	Joshua Goldberger, Ph.D. Patrick Woodward, Ph.D. The Ohio State University, Department of Chemistry and Biochemistry	
<b>Plenary Speaker</b>	Dr. Samuel I. Stupp – Board of Trustees Professor of Materials Science, Chemistry, Medicine and Biomedical Engineering at Northwestern University.	
<b>Keynote Speakers</b>	Dr. Dehua Pei, Kimberly Professor, Dept. of Chemistry and Biochemistry at The Ohio State University Dr. Mas Subramanian, Milton Harris Professor of Materials Science at Oregon State University Dr. Sebel Wagaw, Senior Director, AbbVie Dr. Frederic Bertley, President and CEO of COSI (Center of Science and Industry) in Columbus.	
<b>Themes</b>	Advances in Organic Synthesis Analytical Instrumentation and Methodology Catalysis: Chemical Transformations Chemical Education Chemical Health and Safety Environmental & Green Chemistry	Frontiers in Biochemistry Industrial Chemistry Molecules and Materials for Medicine Pushing the Boundaries of Space and Time: Advances in Spectroscopy Solid State Materials by Design Sustainable Energy Generation and Storage

CERM 2020 will also present special programs such as its regional water chemistry science project (H2OQ) for mid/high schools; CAS in Columbus; ACS Career Fair; Chemists with Disabilities (CWD) and Women Chemist Committee (WCC) luncheons; awards banquet; Chemistry with Art; poster sessions, and more.

Families are welcome and all can enjoy additional activities which may include visiting COSI, watching a Columbus Clippers baseball game, or experiencing the Columbus Zoo and Aquarium, to name a few.

Please visit our website: [www.cerm2020.org](http://www.cerm2020.org)

Submit an Abstract / Present a Poster <https://acsmaps.abstractcentral.com/members/client/acs.jsp>



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### PLANNED SOCIAL EVENTS

#### [Chemists with Disabilities \(CWD\) Luncheon](#)

CWD Purpose: To ensure that all ACS-sponsored services & programs promote & advance full participation of students with disabilities; promote opportunities for individuals with disabilities employed in or seeking employment within chemistry and its allied fields; provide / promote programs, products and services increasing their participation and leadership in the chemical community; and serve as a resource to the chemistry community as a whole with reference to issues concerning the education and employment of individuals with disabilities.

#### [ACS Women Chemists Committee \(WCC\) Luncheon](#)

WCC Purpose: To increase engagement and retention of women; be an advocate on issues of importance to women; enhance leadership and career development opportunities for women and highlight their contributions.

#### [ACS Committee on Minority Affairs \(CMA\) Luncheon](#)

CMA Purpose: To promote the recognition of the professional accomplishments of minorities and to attract minority students to the profession; identify minority-friendly educational institutions and businesses; work for the increased participation of minority chemistry professionals in the Society at all levels; provide mentoring to minority students; compile best practices for recruitment, retention, career development, and evaluation of programs for the advancement of minorities.

#### Senior Chemists and Younger Chemists Social

##### [Senior Chemists Committee \(SCC\)](#)

Purpose: To develop avenues to expand communications and promotions to enhance awareness of senior chemist activities; increase the number of senior chemist groups in local sections; and, engage with community groups that benefit from senior chemists' expertise.

##### [Younger Chemists Committee \(YCC\)](#)

Purpose: To advocate for younger chemists' needs, concerns, and contributions; provide tools and support to younger chemists for diverse career opportunities and development; and, foster and connect communities of younger chemists around the world.

#### [ACS Career Day - Career Navigator Live!](#)

Purpose: To advance the careers of ACS members with the ACS Career Navigator, which is a resource for career services, leadership development, in-person, online and OnDemand professional education courses and market intelligence resources.

#### [H2O Q Water Quality Study Reception / Test Kits](#)

Middle and high school-aged students will participate in a yearlong experiment into the water systems in the Central Region to study the impact that water chemistry has on the quality of water so vital to our lives. The experiment will target primarily middle school-aged students. Programming will be provided through teachers in any regional school system that elects to participate and local ACS members will be available to mentor and support these efforts.

The experimental program is based on a designed and purposeful effort to study water in a school system's local area and combine that data with other regional participants to illustrate how these data are related. Program content and test kits will be provided to participants.

#### [On-Hands ACS Outreach Program](#)

The Outreach Training Program (OTP) is designed to help ACS members passionate about science outreach fully maximize Society resources through in-person workshops or an online on-demand course. ACS will provide a hands-on 7-hour outreach training program for up to 40 attendees.

#### [ACS Art in Chemistry Celebration](#)

Art and chemistry have been linked since the day the first cave dweller smeared mineral pigments on a rock wall. Today's chemists formulate pigments and dyes to precise specifications and ensure that they maintain their colors for decades. They develop polymers suitable for use in 3-D printers. And they authenticate, preserve, and restore artifacts; from 1950s kitsch to 10,000-year-old cave paintings. Because many art supplies are made from toxic or hazardous materials, occupational health and safety is another career area for chemists. Journal cover artwork from the 32 ACS technical divisions will be presented at CERM 2020.