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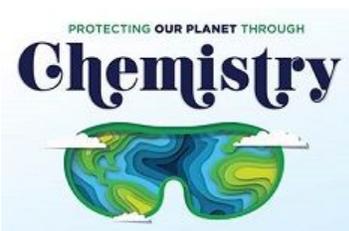
[Archive](#)

How students get the most out of ACS membership | **February 4, 2020**

FEATURE

Celebrate the 50th Anniversary of Earth Day with CCEW 2020!

Join us in celebrating [Chemists Celebrate Earth Week \(CCEW\)](#) from April 19-25, 2020! CCEW encourages chemists and chemistry enthusiasts to build awareness of green chemistry in their communities. The CCEW 2020 theme is "Protecting Our Planet through Chemistry," and is hosted in partnership with the Earth Day Network to celebrate the 50th anniversary of the world's largest environmental movement.



Activities in the U.S. are organized by ACS Local Section CCEW Coordinators. For members of ACS International Chapters, Student Chapters, ChemClubs, and Technical Divisions outside of the U.S., many digital resources are available online. You can support the goals of the campaign by participating in the [Great Global Cleanup](#) (i.e., organize an ACS-sponsored cleanup event in your area) and sharing the [Celebrating Chemistry](#) publication with your local kids and teachers. Find out more at www.acs.org/ccew, and keep up with the latest CCEW news on your favorite social media – follow us on the [ACS Network](#), RSVP on [Facebook](#), or subscribe to get emails from ACS Outreach News at the bottom of the CCEW page. [Contact your CCEW Coordinator](#) today to see how you can get involved!

MY ELEMENT



Deanna Nelson shares her affinity for strontium in today's favorite element story: "Strontium tops my list of favorite elements. As an adult woman, one of my concerns is deterioration in bone and joint health. To my surprise, I discovered several years ago that the strontium ion acts on..." [read](#)

[more](#)

What's your favorite element? [Share your story today!](#)



ADVANCE YOURSELF & YOUR SCIENCE

Submit an Abstract to the Green Chemistry & Engineering Conference

The ACS Green Chemistry Institute invites you to submit an abstract to the [24th Annual Green Chemistry & Engineering Conference](#), to be held June 16-18, 2020, in downtown Seattle, WA. The conference will feature three days of programming, more than 40 technical sessions, and numerous networking opportunities for the over 600 green chemists and engineers who are expected to attend from around the world. This year's conference symposia revolve around the theme of "Systems-Inspired Design," driving the sustainable chemical life cycle. Take a moment to [browse the symposia](#) and [submit an abstract](#) by February 17.



Innovations in Active Food Packaging – Join Us for Free, In Person or Online



The second ACS/FDA colloquium, "[Innovations in Active Food Packaging](#)," will be held on Thursday, February 27, from 9:00 AM-1:00 PM, at the Food & Drug Administration's Wiley Auditorium in College Park, MD. The colloquium will focus on innovations in active packaging, including polymers that improve food quality, sustainability, and safety; biological sensors that detect food spoilage; and the detection of compounds migrating from food packaging materials.

Visit the colloquium [website](#) to learn more about the expert speakers – Andrew Manly (AIPIA), Kay Cooksey (Clemson University), Cristina Nerin (University of Zaragoza), and Julie Goddard (Cornell University) – and to [register for free](#) to join us in person or online!

Upcoming Webinars for Teachers from AACT

Enrich your classroom experience with [professional education opportunities](#) from the American Association of Chemistry Teachers (AACT), designed for K-12 chemistry teachers. Here's the schedule of upcoming webinars:

- [Adjusting to Adjunct: Lessons Learned from Teaching High School Chemistry and College Chemistry as Adjunct Faculty](#), February 6
- [Teaching Methods and Resources to Help Assess Student Learning](#), February 12



- [Teaching Chemistry in a Textbookless Classroom](#), February 19
- [Student Opportunities from the American Chemical Society \(ACS\)](#), February 26
- [Helping Students Show What They Know – An AP Chemistry Review Webinar](#), March 4
- [Teaching Climate Change with Chemistry Connections](#), March 17

If you can't participate in a live webinar or if you missed a previous one, head over to our [webinar archive](#) any time to access the recordings. AACT members enjoy free access to the archives. [Not an AACT member? Join today.](#)

ACS CAREER NAVIGATOR

ACS Career Day Returns to the DC Metro Area

All chemists are invited to attend a free [ACS Career Day](#) on Saturday, February 8, in downtown Washington, DC. This one-day event will feature career-building workshops, networking opportunities with recruiters, and more. ACS Members have the added opportunity to sign up onsite to meet with ACS Career Consultants. [Register today!](#)



ACS National Meeting & Expo: Your One-Stop Shop for Learning



When you register to attend the [ACS National Meeting & Expo](#) this spring in Philadelphia, not only are you able to attend scientific sessions and learn about innovations from the brightest minds in the field, but you also have the opportunity to [sign up for 18 different Professional Education courses](#). Whether you are looking for ways to improve your technical writing or take a deeper dive on topics like pharmacokinetics and experimental design, you'll have plenty of opportunities to take new skills and

ideas back to work with you. [Add a Professional Education course](#) to your ACS National Meeting & Expo experience!

Career Corner: ACS Career Consultants and Other Experts Answer Questions about Advancing Your Career

[I made an impactful error at work – how do I regain credibility in the eyes of my colleagues and my boss?](#)

Tamara Herman, ACS Career Consultant

"Crucial errors at work will affect your reputation. These are some ways to remedy this situation:

A. Accept the..." [read more](#)



Samina Azad, R&D Manager, PLZ Aerospace Corporation

"Smart bosses know that not being afraid to make mistakes is a big part of innovation and creativity that today's..." [read more](#)



Joseph Moore, Technical Applications Specialist, DuPont

"Take ownership and show your willingness..." [read more](#)

Adapted from the January 30, 2020 weekly edition of ACS Industry Matters.

To subscribe, click [here](#).



C&EN Jobs - Latest Postings

c&en JOBS

- Physical Chemistry Faculty | University of Nevada, Las Vegas | Las Vegas, NV
- Visiting Assistant Professor - Department of Chemistry | Lafayette College | Easton, MA
- Polymer Chemist/Formulation Chemist | AGC Nelco America, Inc. | Tempe, AZ
- Director, School of Molecular Sciences | Arizona State University | Tempe, AZ

ACS NEWS

Help New Councilors Get Connected - The ACS Mentorship Program



Share your experience as an ACS Councilor by helping your newly elected colleagues. Please consider becoming a part of the ACS Mentorship Program and volunteering to mentor at least one new Councilor or Alternate Councilor during 2020. If you're interested in participating, please email secretary@acs.org. Your colleagues look forward to building these relationships with you and benefiting from your experience. Many thanks to the Councilors who have volunteered to become mentors and have contributed to the success of this program. We hope you will join us!

ACS Bridge Program Aims to Increase Diversity in Chemical Science Graduate Education

The mission of the [ACS Bridge Program](#) is to diversify the graduate student population in the chemical sciences. The program is currently accepting applications from students interested in pursuing graduate education in the chemical sciences.

Currently, the ACS Bridge Program has 10 participating departments located throughout the U.S. Only departments vetted by the ACS Bridge Project, that operate on the same principles and goals underlying the project, will have access to this applicant pool. Visit www.acs.org/bridge for eligibility guidelines and to apply by the April 1 deadline.



Max Zahniser Will Speak at Senior Chemists Breakfast in Philadelphia



Join us on Tuesday, March 24, at 7:30 AM, for the Senior Chemists Breakfast at the ACS Spring 2020 National Meeting in Philadelphia, taking place at the Philadelphia Marriott Downtown Hotel, Salon B-D. The keynote speaker will be Max Zahniser, Jefferson University Architecture faculty and LEED Fellow for the National Council of Architectural Registration Boards (NCARB). Zahniser and graduate students from Jefferson were the first place winners in the DOE Design Competition Solar Decathlon.

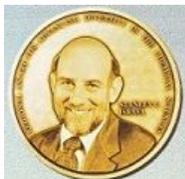
His talk, "Urban Regenerative Development," will include innovative strategies and designs for creating new built-environment and living systems for one of our nation's most underserved and exploited, yet inspiring and historically rich neighborhoods. Tickets (\$20) are available with [national meeting registration](#).

Apply Now for Women Chemists Travel Award to Attend Fall Meetings

It's time to apply for the ACS Women Chemists Committee (WCC)/Eli Lilly Travel Awards! These grants support travel to meetings taking place in the U.S. between July 1 and December 31, 2020 for undergraduate, graduate, and postdoctoral female chemists to present their research. Awardees can receive up to \$1,000—don't let this opportunity pass you by! Visit the [WCC/Eli Lilly Travel Award website](#) to apply online by March 1, or send e-mail to ACS Diversity Programs at diversity@acs.org.



Call for Nominations – Stanley C. Israel Regional Award for Advancing Diversity



The Stanley C. Israel Regional Award for Advancing Diversity in the Chemical Sciences recognizes individuals or institutions that have advanced diversity in the chemical sciences and significantly stimulated or fostered activities that promote inclusiveness within the region. Nominees may come from academia, industry, government, or independent entities, and may also be organizations, including ACS Local Sections and

Divisions. The nominee must have created and fostered ongoing programs or activities that result in increased numbers of persons from diverse and underrepresented minority groups, persons with disabilities, or women who participate in the chemical enterprise.

The nomination deadline for the award in the Central, Middle Atlantic, and Northwest regions is March 1; for the Southwest/Southeastern and Northeast regions, the deadline is August 1. Visit the [Stanley C. Israel Regional Award website](#) for requirements and additional information.

ACS in the News: *Daily Mail*

"Police forensics could be able to DATE fingerprints for the first time after scientists develop a method for measuring how chemicals in the residues [degrade over time](#)" (from *Daily Mail*, January 23, 2020)



"Scientists have found a way to date the age of fingerprints left behind on surfaces — such as at crime scenes — in a breakthrough that could transform police forensics. Fingerprinting has been a key tool for investigators since its broad uptake over a century ago — with each person's pattern of arches, loops and whirls being unique.... The full findings of the study were [published](#) in the journal *Analytical Chemistry*."

Save Up to 25% On Your Next Vehicle Rental from Budget!



ACS Members qualify for special discounts of up to [25% off base rental rates on vehicles from participating Budget locations](#). Go to the [ACS Budget page](#) to see all the great rental options being offered, or call 1-800-455-2848 and mention discount code V118000. Whether you're traveling for work, vacationing, or visiting friends and family, [Budget has a vehicle for you!](#)

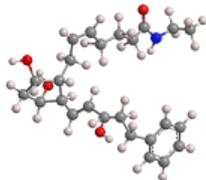
C&EN - This Week's Headlines

- [C&EN, Table of Contents, February 3 issue](#)
- [In these classrooms, chemistry is part of a larger whole](#)

- Harvard chemist Charles Lieber charged with fraud
- Carolyn Bertozzi's glycorevolution
- The time is now for ionic liquids
- What's ski wax, and how does it help us schuss down the slopes?
- Jen Heemstra on why it's important to give and invite feedback
- Career Ladder: Joslynn Lee
- Podcast: Why do I have to get a flu shot every year?
- How to make pristine graphene from trash in a flash
- Industry demand for chemicals deflates
- Genomatica makes nylon precursor from sugar

PHUN & GAMES

MOTW: I'm All About the Eyes—and Machine Learning



If you're not already enjoying the weekly brainteaser on the [Molecule of the Week \(MOTW\)](#) page – including this week's cryptic puzzler about eyes and machine learning – you're missing out. Many of the molecules in this popular feature (which has been running since 2001!) are suggested by website visitors, and every structure is reviewed by a scientist and displayed in 3-D and flat images with a brief description. Each week's molecule also links to a sample record from the [CAS REGISTRY](#), which is searched using [SciFinder®](#). Each record displays the registry number, index name and synonyms, bibliographic information, and more, so you can totally nerd out on your molecular minutiae.

You can check out the MOTW [archive](#), send molecule suggestions to motw@acs.org, and follow MOTW on [Twitter](#).

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