

ACS MATTERS

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Apply by March 1 for Women Chemists Travel Awards | **February 25, 2020**

FEATURE

Available Now: Mobile App Event for the ACS Spring 2020 National Meeting & Exposition

Download the ACS Meetings & Events app and start creating your personalized schedule or sync to the Online Planner, bookmark must-see exhibitors, take notes, and navigate the Pennsylvania Convention Center with the mobile app.



Social media and networking features will allow attendees to connect with colleagues, share photos and experiences as well as find local favorites in the Philadelphia area. View the livestream for The Kavli Lecture Series, bookmark your favorite exhibitors, and more!

The mobile app is the official program for the Spring 2020 National Meeting & Expo, so stay up to date with the latest information onsite. [Download the app today!](#)

PERIODIC PLAYOFF

Cast Your Vote in the 2020 #PeriodicPlayoff!



You're invited to participate in the 2020 #PeriodicPlayoff Poll, Second Edition! In case you don't remember, it was a slugfest between Silver and Potassium in 2019, with Silver winning out in the end. What element will take home top honors (and bragging rights) in 2020? Send your favorite element to the first round of competition by [casting your vote](#) by 12:00 noon ET on February 26. Then, come back each week in March to vote and see which element makes it to the next round, until a winner is crowned champion at the Spring 2020 National Meeting & Expo in Philadelphia. [Submit your first round favorite element pick](#) by noon tomorrow!

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NATIONAL MEETING NEWS & ACTIVITIES

What's Happening for Students at the ACS Spring 2020 National Meeting & Expo?



A wide variety of exciting [symposia](#), [workshops](#), and [special events](#) are in store for [student attendees](#) in Philadelphia. *inChemistry*, the ACS Student Member magazine, has rounded up a [collection of activities](#) you won't want to miss.

A two-day program specially designed for undergraduates will be held March 22-23 in the Pennsylvania Convention Center (unless noted otherwise). The [Core Student Program](#) will feature oral and poster presentations and a range of sessions on developing professional skills, navigating the job market, and learning what it takes to succeed in graduate school. Special events include the [Eminent Scientist Lecture featuring Rigoberto Hernandez](#) and the ACS Student Chapter Awards ceremony honoring the [2018-2019 chapter award winners](#). Immediately following the ceremony, there will be a Student Social hosted by the [Penn State Berks ACS Student Chapter](#).

Be sure to attend the special student session, "Making the Most of Your First National Meeting," on Sunday, March 22, 8:00-8:40 AM, Pennsylvania Convention Center, Terrace Ballroom IV. It's a great way to kick off the meeting with peers while learning everything you need to know about navigating ACS's largest technical meeting.

Visit [inChemistry's online student guide](#) to the national meeting for highlights of the Core Student Program, career events, and tips for first-time national meeting attendees.

Take a Professional Education Course and Learn from Industry Experts

Did you know? ACS will be offering a variety of [Professional Education courses](#) in Philadelphia! Stay competitive with courses taught by scientific thought leaders with decades of practical experience, offering you tools that you can use immediately to help advance your career. [Add a Professional Education course](#) to your national meeting experience today!



Orientation and Reception for New Councilors



Congratulations to new ACS Councilors! The ACS Council Policy Committee will host the 2020 New Councilor Orientation Program & Reception for all newly elected Councilors and Alternate Councilors, on Saturday, March 21, starting at 3:00 PM in the Philadelphia Marriott Downtown Hotel, with a reception to follow from 6:00-7:00 PM. Attendees will have an opportunity to meet with other ACS leaders, learn more about the Society and ACS committees, and establish mentoring relationships. Special remarks will be given by the ACS President, the President-Elect, the ACS Board Chair, and the Executive Director & CEO. If you're a new Councilor or Alternate Councilor, please let us know if you plan to attend the orientation and reception by sending e-mail to Semora Smith at s_smith@acs.org. The Mentorship Program for New Councilors will continue in 2020, so please let us know if you'd like to have a mentor assigned to offer guidance to you in your new role.

ACS Board of Directors Meeting

The ACS Board of Directors Regular (Open) Session will feature a special discussion, "How can we attract diverse communities to chemistry and the ACS?" The session will take place on Sunday, March 22, 12:00-1:00 PM, in the Pennsylvania Convention Center, Grand Ballroom B – Level 300. Doors will open at 11:45 AM; sandwiches and beverages will be available while supplies last. For more information, contact secretary@acs.org.



ACS CAREER NAVIGATOR

All-Inclusive 6-Hour Online Course on HPLC and UHPLC Fundamentals



Gain convenient and [comprehensive insight into HPLC and UHPLC fundamentals](#) including theory, column, and instrument with industry expert [Michael W. Dong](#), principal consultant at [MWD Consulting](#). This intermediate course will provide the analytical scientist with a clearer understanding and solid working knowledge of the concepts, instrumentation, and columns of high-performance liquid chromatography (HPLC) and ultra-high-performance liquid chromatography (UHPLC). [Register today!](#)

Career Perspectives: Natalie LaFranzo, Vice President, Market Development, Cofactor Genomics

What are some strategies to lead without authority at work, especially across generations?

"Regardless of your title or management level at work, you always have the ability to show up and perform your best. When you do this consistently..." [read more](#)



Innovation Zone: Edward Greer, Scouting & Exploration Network, Ventures & Business Development, Dow Chemical Company

Don't get distracted by the technology if you're not positive someone will buy it

"It was nearly a decade working in an analytical lab at Rohm & Haas before Ed Greer had the notion to step out from behind the bench and..." [read more](#)



Adapted from the February 20, 2020 weekly edition of [ACS Industry Matters](#). To subscribe, [click here](#).

Register for ACS Career Day Houston



All chemists are invited to attend [ACS Career Day Houston](#) on Saturday, March 7, at the Holiday Inn & Suites Westway Park. This one-day event will feature exclusive career development workshops, networking opportunities, recruiter panels, and more. ACS Members can sign-up onsite to meet with ACS Career Consultants during the event. Plus, there will be special onsite-only ACS membership discounts available. [Register now](#) for this FREE career day!

C&EN Jobs - Latest Postings

c&en JOBS

- Postdoctoral Researcher | University of Pennsylvania School of Medicine | Philadelphia, PA
- Development Chemist | Boron Specialties | Ambridge, PA
- Preceptorships, Chemistry | Yale University | New Haven, CT
- Andrew W. Mellon Fellowship in Scientific Research | Philadelphia Museum of Art | Philadelphia, PA

ACS NEWS

ACS Project SEED Alum Helps Lead the Fight Against Coronavirus



As a senior research fellow at the National Institutes of Health, Kizzmekia Corbett is a key player in the global race to develop a vaccine to combat the coronavirus (SARS-CoV-2). She would not be in that role today if not for [Project SEED](#), which sparked her passion for research and provided mentors "who taught me to think like a scientist, but more importantly to see myself as one," she says. Before joining

NIH in 2014, she built vaccine expertise while earning a PhD in microbiology and immunology at the University of North Carolina, Chapel Hill. Philanthropy has enabled the decades-long success of [Project SEED](#), and [donations](#) are critical to its future.

Rescheduled to February 27: Spanish-Language Webinar on the Career Paths of Young Professionals in Chemistry

What do young professionals in the field of chemistry do after obtaining their academic degrees? Hear stories in Spanish from the career path ahead during "[Química por el Mundo](#)," a special free broadcast from the ACS Student Chapter of Costa Rica, rescheduled to Thursday, February 27, 2:00-3:30 PM ET. Speakers from various countries such as Mexico, Paraguay, Ecuador, and Argentina will give four short talks and share their experiences in education, jobs, careers and

more. University students of all levels, including undergraduate, bachelor, masters, and doctorate, are invited to learn about the professional life of various scientists and to discover the differences between chemistry jobs and research in the private, academic, and industrial sectors. [Register today](#) and join us on Thursday!



Apply Until March 13 for Petroleum Research Fund Grants



The ACS Office of Research Grants is now accepting [proposals for Petroleum Research Fund \(PRF\) grants](#) to support fundamental research in the petroleum field. Submittals will be accepted until 5:00 PM ET on March 13. Proposals must be directed to fundamental petroleum research in one of 10 specified subject matter areas. Grant programs are available for new professors beginning their

first tenure-track position, and also for established tenured or tenure-track professors pursuing new research directions. Separate grant programs are available for qualified professors in non-doctoral departments. Further information and application forms can be found on the [PRF website](#).

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 this 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 (AIPPIA), 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!

Nominations are Now Open for the 2020 ACS Fellows Awards



The [ACS Fellows Program](#) recognizes ACS Members for excellence and leadership in both of two areas: (1) science, the profession, education, and/or management, and (2) volunteer service in the ACS community. Celebrate the excellence and impact of your colleagues in the field of chemistry. Nominations close April 1 – [nominate a worthy colleague today!](#)

ACS Publications Celebrates #WomenInScience

On February 11, ACS Publications proudly celebrated #WomenInScience and the International Day of Women & Girls in Science. Efforts included a [collection of the many Editorials, Special Issues, and more](#) – committed to celebrating women chemists year-round. Plus, a joint [Virtual Issue](#) celebrating women in organic chemistry, *Journal of Chemical Education's* [ACS Axial post recognizing women educators in chemistry](#), and an ACS Axial post on [10 inventions attributable to women chemists](#).



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or click [here](#) today!

ACS in the News: *Gizmodo*

"Scientists Turned McDonald's Fryer Oil Into Plastic Resin For 3D Printed Models That Probably Smell Amazing" (from *Gizmodo*, February 12, 2020)

"But researchers at the University of Toronto found a way to turn oil from a deep fryer into a light-sensitive plastic for 3D printers. The research was recently [published](#) in the *ACS Sustainable Chemistry & Engineering* journal but it started with a professor at the University of Toronto Scarborough who started dabbling with 3D printers about three years ago."



Celebrate CCEW 2020 with a ChemCatcher

The CCEW 2020 "ChemCatcher" is a fun and easy way to celebrate [Chemists Celebrate Earth Week \(CCEW\)](#) and to learn about 50 years of



Earth Day. Just print out the PDF, cut and fold according to the instructions, and start playing today! The ChemCatcher is available as a Featured Resource on the [CCEW Educational Resources web page](#).

C&EN - This Week's Headlines

- *C&EN*, Table of Contents, February 24 issue
- Hemp growing pains
- Investors chase sustainable aromatics
- Livestock producers look to antibiotic alternatives
- 45Q, the tax credit that's luring U.S. companies to capture CO₂
- Periodic Graphics: Cannabidiol, medicine from hemp
- A tale of 2 explosions
- Superefficient solar desalination
- Unusual monooxygenase mechanism adds oxygen to molecules without oxidizing them
- Your skin microbiome can be used to predict your age
- Doyle is out, Breen is in at DuPont
- Biotech IPOs off to a strong start in 2020
- 23 minerals at risk of U.S. supply shortages, study shows

PHUN & GAMES

Check Out #chemistry TikTok!



This week's issue of *C&EN* features a story about how "Chemists are finding their place on TikTok," detailing how educators, researchers, and students are coming together to share chemistry demos and talk shop on the wildly popular video app. "The social networking app has been gaining popularity over the past couple of years," writes *C&EN* assistant editor Sam Lemonick, "accumulating billions of short videos of lip-synching, dance routines, and memes. [And now chemists are leaving their stamp too.](#)" Have you posted videos on TikTok yet? Chances are, your students, colleagues, or children have!

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