



ACS Matters

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January 8, 2019

Feature

Are Your Life's Elements Protected?

ACS Members have access to world-class technical benefits that enable you to thrive and advance in your education and career. Additionally, ACS provides valuable nontechnical member-only benefits to you and your family to support your personal financial goals - like [group insurance plans](#).



Employer-provided benefit plans may not adequately provide what you need to equip you or your family to handle an unexpected catastrophic event. Most company-provided insurance plans are just a starting point. The [ACS Member Insurance Program \(MIP\)](#) can help you fill the gaps in your benefit package with quality plans for you and your family to meet your unique needs.

With plans ranging from life, disability income, long term care, professional liability, chemical educators legal liability, auto, and more, the MIP helps members reach their long-term professional and financial goals. Plus, the plans are portable — they stay with you even if you change jobs or retire. With more than 50 years of continued success, the program has proven to be a reliable and valuable member benefit. To learn how we can help you protect the elements you've built your life around, visit www.acs.org/insurance.

Sponsored by the Board of Trustees, Group Insurance Plans for ACS Members — Your Colleagues Working For You

ACS Members, get the most out of your membership by taking advantage of all the resources available through your Society. You can find complete details about the ACS Member Insurance Program and other resources at www.acs.org/memberhandbook.

My ACS Story



Marisol Navarro: I CONNECT with My ACS

In this week's story, Marisol Navarro mentions the benefit that her ACS membership has provided as a [bridge into the research community](#) and the opportunity to present her own research at national meetings.

Read stories from other members and see how they're taking advantage of their membership at the [My ACS Story](#) website. While you're there, take a moment to [submit your own story](#)—we look forward to hearing from

you!

[TELL US YOUR ACS STORY](#)
[LEARN MORE ABOUT ACS MEMBERSHIP](#)
[VISIT ACS.ORG](#)

> [Back to Top](#)

Advance Yourself & Your Science

Save the Date(s)! Spring 2019 ACS Regional Meetings

The Spring 2019 ACS Regional Meetings are beginning to open for registration and abstract submission. Keep an eye on the [Regional Meetings schedule](#) for important dates.

Regional Meetings currently open for registration and abstract submission:

- [Great Lakes \(GLRM\)](#): May 1-4, Lisle, IL



In This Issue...

- Feature: Are Your Life's Elements Protected?
- My ACS Story: Marisol Navarro - I CONNECT with My ACS
- Advance Yourself & Your Science: Save the Date(s)! Spring 2019 ACS Regional Meetings
- ACS Career Navigator: Coming Soon - ACS Career Day Cleveland
- ACS News
- pHun & Games

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c&en JOBS

Latest Postings

- Professor of Instruction in Chemistry | The University of Tampa | Tampa, FL
- Tenure-track Faculty - Chemistry Education | CSU, Sacramento | Sacramento, CA
- Visiting Assistant Professor (Inorganic Chemistry) | Oberlin College and Conservatory | Oberlin, OH

- Middle Atlantic (MARM): May 30-June 1, Baltimore, MD
- Central (CERM): June 4-8, Midland, MI

Opening soon:

- Northwest (NORM): June 16-19, Portland, OR
- Northeast (NERM): June 23-26, Saratoga, NY



2019 Green Chemistry Conference: Last Call for Abstracts

Are you interested in sustainability in chemistry and engineering? There's still time for you to submit an abstract to the 2019 Green Chemistry & Engineering (GC&E) Conference / International Conference on Green and Sustainable Chemistry (GSC)! The co-hosted conference will be held in Reston, VA (near Washington, DC), June 11-13, 2019, and will feature green chemists and engineers from all over the world. Take a moment to [browse the GC&E/GSC Conference Symposia](#) and prepare to [submit an abstract](#) by January 14, 2019. Categories for this year's conference symposia are around the theme of "Closing the Loop" in the chemical life cycle.

Set over three days of programming, the conference will consist of more than 40 sessions, with more than 650 attendees expected, and many opportunities for networking. There will be three featured [keynote speakers](#): Udit Batra (Chief Executive Officer, MilliporeSigma), Lee Cronin (Regis Professor of Chemistry, University of Glasgow), and Dana Kralisch (Professor of Pharmaceutical Technology and Biopharmacy, Friedrich Schiller University of Jena and CTO of JeNACell GmbH).

There will also be a poster session and reception, as well as the second year of the Product Showcase - attendees are also encouraged to submit abstracts and proposals for those events as well! Visit the [conference website](#) for all the latest details on programming, housing, and special events. We look forward to seeing you in Reston!

Free Webinar on January 17: Answering Your Lab Safety Questions

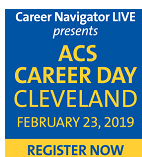
What's the best way to improve safety culture in your laboratory? For the next free ACS Webinar, "How to Improve Your Lab's Safety: Answering Your Questions," on Thursday, January 17, 2:00-3:00 PM EST, we've gathered a panel of chemical and laboratory safety experts to tackle the most challenging safety issues and questions posed in previous webinars.

Join [Joseph Pickel](#) (Oak Ridge National Laboratory), [Debbie Decker](#) (UC Davis), and [Ralph Stuart](#) (Keene State College) for this [free, interactive broadcast](#), as they discuss the technical and cultural safety issues that are relevant to small, medium, and large labs alike, as well as take your questions live.

Join us weekly for [free, live ACS Webinars](#) to learn from the best and brightest minds in chemistry – every Thursday, 2:00-3:00 PM EST!

[> Back to Top](#)

ACS Career Navigator



Coming Soon: ACS Career Day Cleveland

Attend our upcoming [ACS Career Day Cleveland](#) on February 23, where you can attend panel discussions, participate in roundtable talks, and network with other chemists. ACS Members get access to additional resources like [personalized career consulting](#), including résumé reviews, mock interviews, and more. [Register for free](#) and tell your friends and colleagues who are looking to improve their career!

Meet Dr. Lee N. Polite, One of Many Expert Instructors from ACS Professional Education

Dr. Lee N. Polite is the President and Laboratory Director of Axion Analytical Laboratories and has been an ACS Professional Education instructor for over 27 years. Learn techniques in HPLC, GC, and other analytical topics in his upcoming courses: [Gas Chromatography: Fundamentals, Troubleshooting, and Method Development](#), [High Performance Liquid Chromatography: Fundamentals, Troubleshooting, and Method Development](#), and [Practical and Applied Gas Chromatography](#). ACS Professional Education Short Courses



- Chemists or Chemical Engineers | Visionary Fiber Technologies | Lockhart, TX
- Materials Science Data Architect-1805658 | BASF | Tarrytown, NY



- Metabolic Signatures of Cystic Fibrosis Identified in Dried Blood Spots For Newborn Screening Without Carrier Identification
- Solar-Wind-Bio Ecosystem for Biomass Cascade Utilization with Multigeneration of Formic Acid, Hydrogen, and Graphene
- Requirement of Two Acyltransferases for 4-O-Acylation during Biosynthesis of Harzianum A, an Antifungal Trichothecene Produced by *Trichoderma arundinaceum*
- A New Infrared Probe Targeting Mitochondria via Regulation of Molecular Hydrophobicity

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> [Back to Top](#)

ACS News



Helen Free Award for Public Outreach: Call for Nominations

Do you know any ACS Members who have improved public recognition and appreciation for the contributions chemistry has made to society? If so, please consider nominating them for the **Helen M. Free Award for Public Outreach**, which includes a \$1,000 prize, a crystal trophy, and an honorarium to attend the ACS National Meeting. You can even nominate yourself! The deadline for nominations is February 6.

IUPAC Young Observers Program – Apply By January 15

Are you a chemist under the age of 45? Then consider applying for the 2019 **IUPAC Young Observer Program!** Selected participants will receive up to \$2,500 to attend the IUPAC General Assembly and Congress in Paris, France, from July 5-12, 2019. The deadline for applications is January 15. For more details and to submit your application, please [visit the IUPAC Young Observer Program website](#).



Webinar on January 16 with Sam Kean, Author of *The Disappearing Spoon*

The Periodic Table is one of our crowning scientific achievements, but it's also a treasure trove of passion, adventure, betrayal, and obsession. Join us on Wednesday, January 16, as we kick off the **International Year of the Periodic Table** with a special online presentation by Sam Kean, author of *The Disappearing Spoon*, *Caesar's Last Breath*, *The Tale of the Dueling Neurosurgeons*, and *The Violinist's Thumb*. Everyone who virtually attends will be entered into a raffle for one of Sam's books. [Register today!](#)

ACS Public Policy Fellowships

Are you interested in putting your scientific background to work in a policy environment? The **ACS Public Policy Fellowships** are a unique opportunity for ACS Members to gain hands-on policy experience and insights while working on Capitol Hill or with the ACS External Affairs & Communications staff. Applications for the 2019-2020 fellowships are due January 15, 2019. Visit www.acs.org/policyfellow for more information.



Applications Open for the 2019 ACS Summer School on Green Chemistry & Sustainable Energy

One of the best-kept secrets at ACS is the **Summer School on Green Chemistry & Sustainable Energy**. If you haven't heard of it, it's a week-long residential program that brings together graduate students and postdoctoral scholars to explore scientific solutions to global sustainability challenges. The program is free (transportation, housing, meals, etc. are covered) and open to those currently studying in North, South, or Central America. Next year the Summer School will be held July 16-23, 2019, on the campus of the Colorado School of Mines in Golden, CO. [Learn more about this program](#) and submit your application by January 25, 2019.

Inspiring Bio-Based Solutions for a Sustainable Future – ACS Cellulose and Renewable Materials Division (CELL)

Cellulose is the most abundant organic molecule in nature, used in such items as paper, textiles, cotton and linen; but it is not inexhaustible. As manufacturing has risen overseas, there is a growing demand for cellulose fibers in developing economies. Did you know that the content of raw cotton fiber is 90% cellulose? The members of the **ACS Cellulose and Renewable Materials Division (CELL)** are constantly looking for better and more efficient methods to use this integral



C&EN

This Week's Headlines

- *C&EN*, Table of Contents, January 7 issue
- The human element
- 10 years after Sheri Sangji's death, are academic labs any safer?
- Moving on up
- 2019: The year the periodic table gets its due
- BMS to buy Celgene in deal worth \$74 billion
- Computational chemists welcome "living" journal
- Engineered photosynthesis boosts crop yields
- Zymogen rakes in \$400 million for engineered microbes
- Pfizer and GlaxoSmithKline combine consumer health care businesses
- Ongoing U.S. government shutdown strikes chemistry
- Drawing on science

You can read *C&EN* online each week, or stay up-to-date with the latest news posted to *C&EN* by subscribing to one of our RSS feeds.

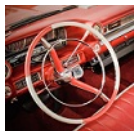
pHun & Games



Breaking: Empty Backpacks As Effective As Parachutes, Researchers Say* (*There's a Catch)

In case you missed this *important* story on National Public Radio over the holidays, the network reported that "a study found that parachutes were no more effective than empty backpacks at protecting jumpers from aircraft."

material. [View the new video](#) about the division and learn about upcoming workshops.



Get Up to Speed in 2019 with a Personal Planning Road Map

If you've put off writing your will or making plans for your estate, the New Year is a great opportunity to establish your legacy. Don't wait; make this one of your 2019 resolutions! Follow five straightforward steps provided in the *Personal Planning Road Map*. For a complimentary copy, send e-mail to PlannedGifts@acs.org with your name and address. Or visit the [ACS Legacy Planning](#) website for financial and estate planning information.

Great Service and Great Savings from Budget!

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



[> Back to Top](#)

But, as NPR noted, there was just one catch. We won't spoil the story, because it's a good read for anybody who designs or publishes research studies – or who bases their own research on other studies! If that sounds like you, you can [read the full story on NPR's Shots blog](#).

Image credit: Michael Htten/EyeEm/Getty Images

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