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*Do you live near a National Historic Chemical Landmark?* | **June 4, 2019**

## FEATURE

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### Chemistry and the Economy: 2019 Mid-Year Update

The U.S. now ranks as the largest oil producer in the world, uncertainty surrounding Britain's exit from the EU continues, and the opportunity to use recycled materials is putting pressure on how some industries do business.

These are just a few of the factors that will be examined in "[Chemistry and the Economy: 2019 Mid-Year Update](#)," the next free online event from ACS Webinars, this Thursday, June 6, 2:00-3:00 PM ET.



Join our intrepid presenters, [Paul Hodges](#) of International eChem and [Bill Carroll](#) of Carroll Applied Science, for this [free, interactive broadcast](#), in which they'll take their semiannual look at the current economic environment for the chemical sciences, and give their expert perspective on what has been affecting the chemical market and what companies can do to adapt to this changing world in 2019.

#### What You Will Learn

- How the growing pressure to using recycled plastics will affect the demand for ethane/ethylene polyethylene feedstock's in the future
- An overview of the oil market and outlook as well as how the current U.S. distribution network is lagging behind the growing domestic oil industry
- An overview of the latest numbers relating to the chemical industry from the American Chemistry Council
- The impact of the new U.S. and China tariffs on the chemical industry

[Register today](#) for this free webinar, and visit the ACS Webinars home page for the [full schedule of upcoming events](#) as well as archived webinar recordings (an exclusive benefit for ACS Members).

## MY ELEMENT

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**This week's story features Francis P. Gasparro, who tells us that copper is his favorite element, not only for its beautiful color and as a useful prop to illustrate metallic properties for classroom instruction, but also because**



his second cousin was the chief engraver who originated the design of the U.S. Lincoln penny.

What's your favorite element? Share your story today!

## ADVANCE YOURSELF & YOUR SCIENCE

### ACS Offers New Workshop for Industry Professionals

Join ACS in Philadelphia on Tuesday, June 18, for "Essential Workplace Skills for STEM Industry Professionals." This workshop is ideal for entry- to mid-level chemists, chemical engineers, physicists, engineers, and other STEM professionals with up to 10 years of work experience who are looking to advance in their careers. You'll learn how to:



- Present your data more effectively to management
- Organize and run effective meetings
- Work more readily and successfully across age groups
- Manage projects more quickly and effectively

For more information or to register for the workshop, visit [www.acs.org/STEMskills](http://www.acs.org/STEMskills). Direct questions about the event to [industry@acs.org](mailto:industry@acs.org).

### HR Tips on How to Be an Outstanding Candidate, in Mandarin



Join us on Wednesday, June 12, 7:30-8:30 AM ET, for "HR Tips on How to be Outstanding from Candidates," the second Mandarin-language webinar of the 2019 series from ACS Webinars. The speaker will be Issa Li, a Senior Human Resource Manager, who will share key points of a

company's focus during the recruitment process. Register now for this [free, interactive Chinese broadcast](#) in order to discover how to best prepare for a job from a human resources perspective.

#### What You Will Learn

- How to start looking for a job
- The most important stage of investing energy throughout the job search and application process
- Important details about the corporate recruitment process and human resources focus

### Fulbright U.S. Scholar Program

The Fulbright U.S. Scholar Program is accepting applications for academic year 2020-2021! Whether you plan to conduct independent research, teach students, or pursue a professional project, Fulbright makes a real and lasting impact. Fulbright Scholars return to their home institutions with enhanced career prospects, ideas and contacts for future collaborations, and a truly global perspective. Don't miss out on this [important opportunity to share knowledge and serve as a cultural ambassador](#) through Fulbright. There are



over 460 unique award opportunities available in over 125 countries. A complete list of opportunities can be found in the [Catalog of Awards](#). The deadline to apply is September 16, 2019.

## ACS CAREER NAVIGATOR

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### Announcing More Free Online Career Workshops



ACS is offering more ways to help you achieve your career goals. Register for complimentary online [Virtual Classrooms](#), where you'll learn live from skilled experts, helping you achieve your career goals and get the boost you need to succeed. Register now for [Non-Traditional Careers for Chemists](#) (June 19), [Making the Most of Your Interview: Outshine the Competition](#) (July 17), [Setting Yourself Up for Success in an Interview](#) (July 31), and more! Visit the Virtual Classrooms home page to see the [full schedule](#).

### Register for an Upcoming Organic Chemistry Training Session

If you're involved with organic chemistry, it's important to stay on top of current trends and new technology. That's why [ACS Professional Education](#) is committed to bringing you the most up-to-date training taught by top-notch instructors in the field. Solve your colloidal, foam, and dispersion problems by attending [Dispersions in Liquids: Suspensions, Emulsions, and Foams](#), gain knowledge of recent synthesis methods in [Synthetic Organic Chemistry: State of the Art in the 21st Century](#), and much more. Learn more and get the full schedule of courses at [proed.acs.org](#).



### C&EN Jobs - Latest Postings

**c&en** JOBS

- Laboratory Instructor | University of Dayton | Dayton, OH
- Visiting Assistant Professor - Chemistry | The College of New Jersey | Ewing, NJ
- Tier 2 CIHR Canada Research Chair (CRC) in Clinical Omics and Diagnostics | Concordia University | Montréal, QC
- Tier 1 Canada Research Chair (CRC) in Natural Products and Chemical Biology | Simon Fraser University | Burnaby, BC

## ACS NEWS

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### Give a High School Student a Science-Filled Summer



You can enrich a high school student's summer plans by donating to [ACS Project SEED](#)! Project SEED offers hands-on, mentored research experiences to high school students from economically disadvantaged families. Just \$2,500 supports a student during a summer research fellowship, \$300 supports one week of his or her research, and \$60 supports one day of research. When you donate to the program, 100% goes toward a student fellowship; ACS pays all administrative fees. Watch this [short video](#) to see how Project SEED changes lives. Please [donate](#) today!

## ACS in the News: *Engadget*

"Researchers say 'spidey senses' could help self-driving vehicles avoid hazards." (from *Engadget*, May 21, 2019)

"Researchers want to give cars, planes and drones 'spidey senses.' That is, they want to give autonomous machines sensors that mimic nature. In a [paper](#) published in **ACS Nano**, a team of researchers... propose integrating spider-inspired sensors into the exterior of autonomous machines. Doing so, they say, would allow vehicles to selectively process data faster than currently possible."



For other recent media coverage of ACS and the research published in its journals and presented at its meetings, visit [www.acs.org/inthenews](http://www.acs.org/inthenews).

## Chemistry Classroom Safety Pledge



The deadline to participate in the [AACT Chemistry Classroom Safety Pledge](#) is quickly approaching! Participate during the pledge for a chance to win a grand prize gift card of \$200 to Flinn Scientific, a subscription to Chemventory, and a complimentary 1-year membership to AACT. [Learn more](#) on the AACT website.

## Industry Members: Check Your Inbox for New *ACS Industry Matters* Newsletter

As part of the wide array of services and support that ACS provides members working in industry, the new bi-weekly *ACS Industry Matters* member newsletter features valuable insights and insider perspectives from leaders in the chemical industry. Visit the *ACS Industry Matters* home page to [read archived features and career profiles](#), and subscribe today!



## It's June and Hot Deals = Cool Savings on Lenovo Technology Products



Now through June 12, 2019, ACS Members can [receive up to 50% off](#) personal computers, smart devices, accessories and more. No matter if your next technology purchase is for work, home or gifts, you'll receive FREE shipping on all web orders, personalized products and solutions, warranty service upgrades, and business financing. Product offers are updated frequently – check the [ACS Member Savings Program](#) page often for the latest savings opportunities! Members can also call 1-800-426-7235, ext. 3881 (Mon-Fri, 9:00 AM-9:00 PM EST; Sat, 9:00 AM-6:00 PM EST) to speak with a customer representative. [Save on your next technology purchase today!](#)

## C&EN - This Week's Headlines

- [Autophagy: Drugging the yin and yang of the cell](#)
- [Hong Kong gives biotech a chance](#)
- [To get noble gases to forge bonds, chemists go to extremes](#)
- [From our archives: An essay on selenium, by Liu Tungsheng](#)
- [U.S. hemp boom creates chaos](#)
- [Career Ladder: Anne Mallaband](#)
- [Science selfies and dictionary additions](#)



- [FDA approves second gene therapy, Zolgensma, to treat spinal muscular atrophy in infants](#)
- [Baby teeth can reveal children's lead exposure](#)
- [New solvent, Cyrene, takes on NMP](#)
- [Video: Stretchy polymer lights up under stress](#)
- [Liquid biopsy start-up Thrive launches with \\$110 million to develop affordable early cancer detection tests](#)

## PHUN & GAMES

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### CCEW Illustrated Poem Contest Winners

Congratulations to the winners of the 2019 Chemists Celebrate Earth Week (CCEW) Illustrated Poem Contest!

As part of CCEW 2019, students from grades K-12 were invited to share their interpretation of this year's theme, "Take Note: The Chemistry of Paper," in the form of illustrated poems. This year, 34 ACS local sections submitted entries for the contest. Winners at the local section level qualified for the national contest. At the national level, first- and second-place prizes were awarded in four categories (including the "Ode to Paper Slurry," pictured, by 9th-grader Pastel Schway, from the ACS Silicon Valley Section). You can see all of the winners and get more information on the [CCEW website](#). Thank you to all schools and local sections that participated!



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