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## FEATURE

### Get Involved in NCW 2019 – Show the Public the Science Behind Marvelous Metals!

Join us in celebrating [National Chemistry Week \(NCW\)](#), October 20-26, 2019! NCW encourages chemists and chemistry enthusiasts to build awareness of chemistry in their communities. During 2019's International Year of the Periodic Table, NCW will be celebrated October 20-26, 2019, with the theme, "Marvelous Metals," featuring the chemistry of metals, which make up 76% of the elements on the Periodic Table!



Activities in the U.S. are organized by ACS Local Section NCW 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 NCW's goals by participating in the [community service event](#) (e.g., organizing a recycling event in your community, or taking a field trip to your local recycling center), or by sharing the [Celebrating Chemistry](#) publication with your local kids and teachers.

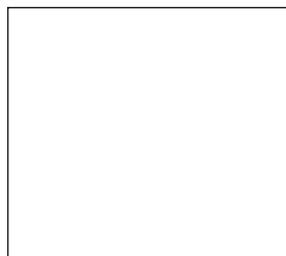
Find out more at [www.acs.org/ncw](http://www.acs.org/ncw), and keep up with the latest NCW news on your favorite social media – [RSVP](#) or like us on [Facebook](#), or subscribe to get emails from ACS Outreach News at the bottom of the NCW page.

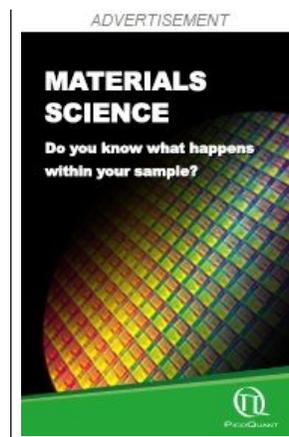
[Contact your NCW Coordinator](#) today to see how you can get involved!

## MY ELEMENT

Today's favorite element is **platinum**, submitted by undergraduate member **Meghna Bajaj**: "During my summer internship, I synthesized the Pt-pincer complex using platinum as the metal with the CCC-backbone. After shining UV-light..." [read more](#)

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





## ADVANCE YOURSELF & YOUR SCIENCE

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### Abstract Submission is Still Open for the Innovation in Materials Science & Technology Symposium in Singapore



You still have the opportunity to present your science alongside world-renowned scientists at the ACS Publications Symposium, "Innovation in Materials Science & Technology," November 17-19, 2019, in Singapore! The symposium will feature three days of scientific lectures, opportunities to network with editors from across nine ACS Publications journals, and an exciting poster session. [Register today](#) and be sure to submit your abstract before September 17!

### Free Webinar on September 12: Detection of Emerging Synthetic Opioids

The numbers of overdoses and deaths related to synthetic opioids have increased in recent years with the emergence of many new and deadly man-made drugs. The next free online event from ACS Webinars, "Synthetic Opioids: How the CDC is Expanding National Capacity to Measure Human Exposure" (Thursday, September 12, 2:00-3:00 PM ET), will update you on U.S. government efforts to combat this problem. Join [Melissa Carter](#) and [Elizabeth Hamelin](#) of the Centers for Disease Control and Prevention (CDC) during this [free, interactive broadcast](#) as they discuss the design and application of recently developed Traceable Opioid Material Kits (TOM Kits) to support detection of emerging opioids by all domestic laboratories.



#### What You Will Learn...

- How TOM Kits were developed to support detection of emerging synthetic opioids
- About the analytical methods to detect a panel of opioids using targeted and library screening approaches that were developed for clinical specimens
- Why the distribution of the TOM Kits, coupled with new method capabilities, will improve U.S. laboratory detection of emerging opioids

### ACS on Campus is Headed to Atlanta, GA

Join ACS editors and local professionals for two FREE events open to all students and researchers studying the sciences. They'll be visiting [Georgia](#)



State University on September 20 and Atlanta University Center on September 23. Don't miss out on the opportunity to have your résumé reviewed, get career insights, and receive top tips on publishing. [Register today](#) to jump-start your career!

### Upcoming Webinars from AACT

American Association of Chemistry Teachers (AACT) Resources and Open House 2019 (Thursday, September 12, 7:00 PM ET)

Have you ever wondered about the benefits of being a member of the AACT? Join AACT President, Heather Weck, Past-President, Sherri Rukes, and President-Elect, Jesse Bernstein, as they guide participants on a virtual tour of the AACT website. Discover how an AACT membership can enhance your experience in the chemistry classroom. [Register today](#).



College-Level Labs That Can Be Done in 50 Minutes or Less (Wednesday, December 4, 7:00 PM ET)

Do you need college-level labs that don't take 2-3 hours? In this webinar, Linda Cummings, Chemistry Instructor and General Chemistry Lab Coordinator, University of Colorado will describe five meaningful labs that can be completed during a 50 minute class period. [Register today](#).

## ACS CAREER NAVIGATOR

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### ACS Career Days Coming Up in St. Paul and Denver!



Get ready to take your career to the next level by attending one of the upcoming [ACS Career Day](#) events in [St. Paul, MN](#) (Thursday, September 12) or [Denver, CO](#) (Saturday, September 14). ACS Career Days are full of free career-development workshops, plus networking opportunities with peers and local recruiters. ACS members can take advantage of exclusive one-on-one personalized career counseling, including résumé review and mock interviews. Check the web pages for [ACS Career Day Minnesota](#) and [ACS Career Day Denver](#) for the latest agenda and workshop schedule, and register today!

### Learn Critical Professional Skills – Online, Anywhere

ACS is offering even 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 these informative webinars:



- [Finding Your Pathway](#) (September 11)
- [Networking: How to Get Started](#) (September 25)
- [Immigration Workshop for Foreign National Scientists](#) (October 9)

Check out the [full schedule](#) for all Virtual Classrooms offered through December 2019.

- Assistant Professor – Physical Chemistry | George Washington University | Washington, DC
- Assistant Professor – Bioorganic Chemistry | George Washington University | Washington, DC
- Tenure-Track Assistant Professor in Inorganic Chemistry | Tulane University | New Orleans, LA
- Tenure Track Assistant Professor in Computational Materials Chemistry | Dartmouth College | Hanover, NH
- Faculty Positions in Chemistry and Chemical Biology | Rutgers University | New Brunswick, NJ

**c&en** JOBS

## ACS NEWS

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### First Eliel Travel Awardee Recognized in San Diego



The first recipient of the ACS Scholars Ernest Eliel Travel Award, Nia Harmon, who is a senior chemistry major at Florida State University, was recognized during the ACS National Meeting in San Diego. The award provides travel funds to one ACS Scholar each year so that he or she can participate in an ACS national meeting. Donors came together

last year to establish the endowed award in honor of Ernest Eliel, who served as ACS President in 1992, and who passed away in 2008. To support the award or the ACS Scholars Endowment, contact Mary Bet Dobson at [m\\_dobson@acs.org](mailto:m_dobson@acs.org).

*(Pictured, left to right: ACS Scholars Zaria Alexander, Fabian Hernandez, Mason Stephenson, Nia Harmon, Joseph Pavelites II, and Kathleen Lugo Chárriez.)*

### ChemRxiv to Receive Increased Support Through New Chinese & Japanese Partnerships

ACS, the Gesellschaft Deutscher Chemiker (German Chemical Society), and the Royal Society of Chemistry announce their partnership with the Chinese Chemical Society and the Chemical Society of Japan as co-owners to support the strategic and financial development of [ChemRxiv](#), the premier preprint server for the global chemistry community. Through the establishment of this strong international alliance, ChemRxiv is supported, developed and led by the Societies representing the global chemistry research community. Close collaboration between the five Societies ensures the sustainability of this service and presents a clear path to broader engagement with authors and readers of the service. [Read more](#) about this new partnership in *ACS Axial*.



### ACS Bridge Program Informational Webinar



Interested in improving access to graduate education at your institution? Become an [ACS Bridge Project](#) site and work with talented underrepresented minority students by providing an intellectual and cultural transition between undergraduate and graduate environments. Join an [informational webinar](#) on

Wednesday, September 18, 4:00-5:00 PM ET to learn more. [Register today](#) for the webinar. Visit the [ACS Bridge Project website](#) for more information.

## This Fits Your Life

Financial protection should fit your lifestyle—not the other way around. That's why we're pleased to introduce QuickDecision<sup>SM</sup>, a secure, fast, and easy way to apply online for up to \$250,000 in [Group Term Life Insurance](#). With this new tool, qualifying members under the age of 65 may be eligible for automated underwriting. [Learn more](#) about QuickDecision<sup>SM</sup> today!



## Exclusive Member Savings from Lenovo!



Now through September 18, you can [save up to 50% off select technologies](#) from Lenovo, including ThinkPad, Yoga, IdeaPad, and other devices and accessories. No matter if your purchase is for back to school, a personal or work upgrade, or if you're thinking ahead to the holidays, you'll receive FREE shipping on all web orders to U.S. addresses, personalized products and solutions, warranty service upgrades, and business financing. Be sure to check the [ACS Member Savings Program](#) page often for the latest offers. Members can also call 1-800-426-7235, ext. 3881 (Monday-Friday, 9:00 AM-9:00 PM ET; Saturday, 9:00 AM-6:00 PM ET) to speak with a customer representative.

## C&EN - This Week's Headlines

- [C&EN, Table of Contents, September 9 issue](#)
- [How to make the most of your postdoc](#)
- [Should postdocs compete or cooperate? Jen Heemstra offers her two cents](#)
- [Tales from the postdoc](#)
- [As DFT matures, will it become a push-button technology?](#)
- [PHA: A biopolymer whose time has finally come](#)
- [Chemistry data should be FAIR, proponents say. But getting there will be a long road](#)
- [How ingredient makers are getting acrylamide out of foods](#)
- [China strengthens its campaign against scientific misconduct](#)
- [Tales of the fungus among us](#)
- [Pulsed electrosynthesis plus machine learning equals bigger yields for adiponitrile](#)
- [Serotonin helps gut microbes thrive](#)
- [Hyosung pursues carbon fiber leadership](#)
- [Podcast: At 97, lithium-ion battery pioneer John Goodenough says his work is not done](#)
- [Methane regulation rollback proposed by U.S. EPA](#)

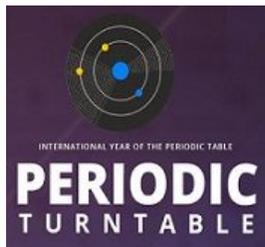


## PHUN & GAMES

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### Celebrate #IYTP2019 by Helping to Create the #PeriodicTurnTable

Do you sing along to "Fields of Gold?" Do you unleash your inner superstar singing "Titanium?" Have you been known to rock out and blast "Iron Man?" As the celebration of the International Year of the Periodic Table (#IYPT2019) rocks on, ACS wants your input to help us create the #PeriodicTurnTable! Chemistry is music to our ears, and we've created a Spotify playlist of [chemistry-related song titles and artists](#) that makes us want to jump on the karaoke stage. Check out the playlist so far on [Spotify](#).



What did we miss? Give us your suggestions on the [IYPT2019 Periodic Turntable](#) homepage (sorry, only one Nickelback song is allowed).

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