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Check out the *Molecule of the Week*, every week! | **May 21, 2019**

## FEATURE

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### Totally Reimagined for Today's Researchers: the All-New ACS Publications Web Experience

To improve the research experience for our global community and to better serve your research needs, we are [updating the ACS Publications website](#) with significant enhancements tomorrow, May 22, 2019.



This update introduces substantial improvements to our digital publishing platform, with improved features and functionality for your research needs. Featuring an all-new design, the updated site will improve your article research experience with a simplified, modern interface:

- **Simplified navigation** – All new journal homepages feature simplified navigation to latest research articles, past issues, and journal information.
- **Enhanced browsing** – Preview the graphical and written abstracts of articles through article collections.
- **Prominent article metrics** – All new article pages showcase key article metrics and improved navigation to figures, supporting information, and references.
- **Mobile-friendly design** – Easily browse content from your tablet or smartphone, with a responsive design and the ability to pair your devices for off-campus access.

To learn more, check out this [feature in ACS Axial](#), then visit [pubs.acs.org](http://pubs.acs.org) on May 22 to discover an enhanced online experience!

## MY ELEMENT

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In today's story, Jim Schulte shares his fondness for **technetium**, and the curious nature of the element, surrounded by stable elements on the periodic table, but possessing no stable isotopes of its own.


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

## ADVANCE YOURSELF & YOUR SCIENCE

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### Advanced Registration for the 2019 Green Chemistry Conference in the Washington, DC Metro Area

Are you interested in discussing green chemistry with some of the world's foremost experts? How about networking and sharing ideas with a multitude of respected peers from around the globe? If these things appeal to you, you should strongly consider registering for the 23rd Annual Green Chemistry & Engineering Conference (GC&E)/9th International Conference on Green and Sustainable Chemistry (GSC-9). The conference will be held in Reston, VA, June 11-13, and will focus on the theme of "Closing the Loop" in the chemical life cycle. Take advantage of reduced rates by signing up during [advanced registration](#), which is open now through May 31.



23<sup>rd</sup> Annual  
Green Chemistry  
& Engineering Conference  
— AND —  
9<sup>th</sup> International  
Conference on Green and  
Sustainable Chemistry  
"Closing the Loop"  
of the Chemical Life Cycle  
Register by June 13, 2019!  
40+ Sessions - 3 Days -  
650+ Attendees

### Frontiers in Flavor Chemistry – Join Us for Free, In Person or Online



The [inaugural FDA/ACS chemistry colloquium](#) will be on Tuesday, June 4, from 9:00 AM-12:00 PM, at the FDA Wiley Building auditorium in College Park, MD.

Presentations on "Frontiers in Flavor Chemistry" will be followed by a panel discussion. The colloquium will focus on taste perception in humans and its impact on nutrient intake and recent advances in food flavors including the discovery of new flavors. Learn more on our website about the [experts](#) - Paul Breslin (Rutgers),

Devin Peterson (Ohio State), and Guy Servant (Firmenich) – and [register for free](#) to join us in person or online!

### Two-Day Career Development Workshop for Graduate Students and Postdoctoral Scholars

The [ACS Career Kick-Starters workshop](#) is a two-day program for graduate students and postdoctoral scholars to help them prepare for their careers.

By hosting a workshop at your school, you will help your students be able to:

- Use an individual development framework to examine the intersections of core skills, values, and opportunities to find a satisfying career path.
- Apply career planning skills and knowledge to formulate ongoing professional goals.
- Identify and interpret industry and global trends, and use this knowledge to select a career path. The workshop will also help identify and strengthen foundational professional skills and competencies.



Visit us online to learn more about how you can [host a Career Kick-Starters workshop today](#).

## ACS CAREER NAVIGATOR

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## ACS Career Day Detroit is June 28 – Register Now!

Give your career a boost by joining us on Friday, June 28, as [Career Navigator LIVE Presents ACS Career Day Detroit!](#) This one-day career event will feature workshops on career transitions, résumé updates, and ACS resources, as well as opportunities to network with colleagues and recruiters. As a bonus, ACS will be offering a special 50% off membership discount at the event to all attendees who want to join ACS or renew their membership. Additionally, ACS Members at this event can take advantage of exclusive one-on-one personalized career consulting. [Register today](#) to advance your career and membership status!



## 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 [Working in Industry - Identifying Roles](#) (May 22), [Non-Traditional Careers for Chemists](#) (June 19), [Making the Most of Your Interview: Outshine the Competition](#) (July 17), and more. Visit the Virtual Classrooms home page to see the [full schedule](#).

### C&EN Jobs - Latest Postings

**c&en** JOBS

- [Postdoctoral Fellowships in Genomic Diagnostics | University of Illinois at Urbana-Champaign | Champaign, IL](#)
- [Research and Development Laboratory Chemist Manager | Oxygen Development LLC | Palm Springs, FL](#)
- [Lecturer, Chemistry | Stony Brook University | Stony Brook, NY](#)
- [Senior Laboratory Technician | The University of Delaware | Newark, DE](#)

## ACS NEWS

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### ACS in the News

"Dry Red Wines 'Big Tannins' Are Literally Bigger, Study Says" (from *Food & Wine*, Birmingham, AL, May 8, 2019)

"...Though the phenomenon is well-known, a [new study](#) published in the *Journal of Agricultural and Food Chemistry* delved deeper into some of the specific physical mechanisms of what makes certain red wines drier than others — and though we may often call tannins 'big,' the research points out that drier reds can contain tannins that are literally larger."



### 150 Years of the Periodic Table, One Special Blanket

Dmitri Mendeleev's Periodic System changed the world of chemistry 150 years ago, and ACS is commemorating that with a special [2019 Member-Get-a-Member Campaign](#) gift. ACS Members who successfully participate in the campaign will receive a limited-edition ACS blanket. There's no limit to how many people you can refer – but there is a limit to this unique blanket,



because it's only available during this special anniversary year! Quantities are limited – [start nominating today](#) to ensure you receive your limited-edition blanket! To learn more about the International Year of the Periodic Table, visit [www.acs.org/IYPT](http://www.acs.org/IYPT).

### Keep Your Lifestyle On Track

Injuries and illnesses are impossible to predict, but you can make sure you're prepared if one ever hits. [ACS Group Disability Income Insurance](#), which offers competitive rates thanks to the power of group purchasing, can serve as primary or supplemental coverage—so you can be confident in knowing that even if you become disabled, a portion of your income will be protected. For information on features, costs, eligibility, renewability, limitations, and exclusions, [visit us online](#) and secure coverage that can help keep your lifestyle on track no matter what comes your way.



### BASF Supports the ACS Scholars Program



BASF is a strong [corporate supporter](#) of the [ACS Scholars Program](#), which awards scholarships to underrepresented minority undergraduate students majoring in chemistry-related disciplines. With the belief that "the power of difference drives innovation," BASF leverages the ACS Scholars Program to support its talent pipeline. Learn more about BASF's involvement by watching this [short video](#). Since its inception 24 years ago, the ACS Scholars Program has launched thousands of students into exciting [chemistry-related careers](#). You, too, can donate to this life-changing program at [www.acs.org/scholars](http://www.acs.org/scholars). To learn how your company can support the program, contact Robert Moss at [r\\_moss@acs.org](mailto:r_moss@acs.org).

### Memorial Day Savings from Lenovo!

The official start to summer is still a few weeks away, but savings on technology products from Lenovo are always around! From now until June 2, [ACS Members](#) can receive [instant savings of up to 40%](#) off select technologies and up to 70% off accessories from Lenovo. No matter if your next technology purchase is for work, home, or as a gift, you'll receive FREE shipping on all web orders, personalized products and solutions, warranty service upgrades, and business financing. Product offers are updated frequently—be sure to 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 ET; Sat, 9:00 AM-6:00 PM ET) to speak with a customer representative. Start saving today!



### C&EN - This Week's Headlines

- [Ancient proteins tell tales of our ancestors](#)
- [Should we write off the idea of rewritable paper?](#)
- [How the NIH is building its own diversity](#)
- [U.S. EPA struggles to replace animal tests for pesticide toxicity](#)
- [In the drug services industry, growth has no end in sight](#)
- [Pierre Brondeau on navigating a shifting chemical industry landscape](#)
- [Black holes in Blackfoot and colorful chemistry in Navajo](#)
- [Chemical makers fret over renewed U.S.-China trade war](#)
- [Lab chip models gut microbiome diversity](#)



- [Bayer is hit with \\$2 billion verdict in Roundup case](#)
- [Video: Speeding up odor analysis for food science](#)
- [Shipments of plastic waste will need advance approval from recipient countries](#)

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