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Check Out the New ACS Green Chemistry Hub | **May 7, 2019**

## FEATURE

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### ACS Career Resources for Students: Here to Help You Succeed

No matter where you are in your education, ACS has [many and varied resources](#) dedicated to helping students like you grow and succeed.



#### College to Career

Discover the wide range of [career options in the chemical sciences](#) by exploring more than 50 careers in industry, academia, government, and nonprofit organizations. You can also read the real-life experiences of more than 120 chemists, and get valuable information you might find helpful as you enter the job market.

#### Undergraduate Internships, Summer Jobs, and Co-ops

Take advantage of experiential opportunities available through the [ACS Get Experience Database](#). The database includes undergraduate research, internships, summer jobs, and co-ops that provide real-world experience for students who want to pursue a career in the chemical sciences. These opportunities are available globally in private companies, academic institutions, government agencies, and nonprofit associations. For international undergraduate students, the job listings also include multi-national organizations that have internships in many countries around the world.

Have a look at [www.acs.org/education](http://www.acs.org/education) for all the resources that are available to both students and educators alike. The [ACS Career Navigator](#) and [chemistryjobs.acs.org](http://chemistryjobs.acs.org) are also helpful tools for career guidance and support. ACS is here to help you succeed, every step of the way!

## MY ELEMENT

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In today's story, Dr. Rajesh Sunasee explains why his favorite element is **bismuth**, a heavy metal with low toxicity and number 83 on the periodic table, stating that "Bismuth halides are just amazing catalysts for a number of organic transformations."



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

## ADVANCE YOURSELF & YOUR SCIENCE

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### Green Chemistry Research Grants Available

The ACS Green Chemistry Institute Pharmaceutical Roundtable seeks proposals for [research grants to advance green chemistry in the pharmaceutical industry](#). The grant topics are 1) precious-metal-free cross-coupling methodologies, 2) innovative green chemistry basic research, and 3) potential scope and environmental impact of supercritical fluid chromatography processes. Submissions are due July 1. To find out more, visit the [request for proposals](#) online.



### Chemists Needed for Patent Examiner Talks



The ACS Joint Board-Council Committee on Patents and Related Matters and the Society's Office of External Affairs & Communications are pleased to offer ACS Members an unusual opportunity to perform an important public service: we are seeking speakers to help improve the patent examination process for the benefit of the chemistry community during a Technology Fair on May 28-29, 2019. Technical areas of interest to patent examiners are adhesives, additive manufacturing, electroluminescence (EL) devices, and metallurgy. Speakers may give their presentations via webcast or from any USPTO office (Washington, DC, Dallas, Denver, Detroit, or Silicon Valley). Interested chemists should contact Brandi Neifert ([b\\_neifert@acs.org](mailto:b_neifert@acs.org), 202-872-4411) by May 10.

### Your Body and Radiation – ACS Division of Nuclear Chemistry & Technology

We all try to stay away from radiation, but radioactivity is a part of our planet. Our bodies, muscles, bones, and tissues all contain naturally occurring radioactive elements. But hold on – before you try to recreate some superhero feat that you may have seen on the big screen this past weekend, this radioactivity occurs in only very small amounts. The [ACS Division of Nuclear Chemistry & Technology \(NUCL\)](#) fosters an environment of respect and understanding while exploring new uses for nuclear science. [Learn how NUCL can be a benefit to you.](#)



## ACS CAREER NAVIGATOR

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### ACS Employment and Salary Survey

With the help of Edge Research, ACS is asking you to [help us measure and](#)

track the chemical industry labor force and employment information by taking a brief survey. The survey results will help us improve the Salary Calculator and gain a better understanding of the state of the working chemistry community. Any and all information you provide is confidential. To learn more and take the survey, visit the [online survey](#) page. Thank you in advance for participating!



### 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](#).

### ACS Career Corner

#### Taylor Burgdorf, Sustainability Manager, HiTECH Assets

"My chemistry background has allowed me some great visibility into the world of environmental health and human health..." [read more](#)



### How to Handle a Disappointing Performance Review

#### Andrea Alexander, Technical Service/Development Manager, Shin-Etsu Silicones of America

"Be sure you have a highly detailed discussion with your manager as to why you did so poorly. Ask for specific examples and suggestions on how you can do better." [read more](#)



#### Rampur Viswanath, ACS Career Consultant

"The best thing following a less than perfect performance review is to probe into lessons learned and understand what can be done to improve." [read more](#)



#### Michael Dong, Principal Consultant MWD Consulting

"Regroup, and learn from the experience. It's important to take time to process the feedback so that you are able to move forward without emotion or defensiveness." [read more](#)



### C&EN Jobs - Latest Postings

**c&en** JOBS

- Professor/Associate Professor | Shanghai Advanced Research Institute, Chinese Academy of Sciences | Shanghai, China
- Lecturer-AT, Chemistry | Gonzaga University | Spokane, WA
- Associate Lecturer Position in Chemistry | University of Wisconsin - La Crosse | La Crosse, WI
- Postdoctoral Researchers in Synthetic Organometallic Chemistry | SUNY Polytechnic Institute | Albany, NY

## ACS NEWS

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### Honor Your Mom or Mentor This Mother's Day!



ACS Scholar Kathleen Lugo Chárriez credits her mother as well as ACS mentors, Ingrid Montes, Milagros Delgado, and Zaida Morales Martinez, for supporting her dream of becoming a chemist. This Mother's Day, you can honor your mom or a mentor who has been like a mother to you by making a donation at [www.acs.org/donate](http://www.acs.org/donate) in her name. After entering the gift amount, you can opt to send an e-card to notify her of your contribution. Your gift provides research experiences, scholarships, mentoring or teaching resources. [Donate today](#) to "pay it forward" and commemorate the support you received from your mom or special mentor!

### Planning for Your Future with Long Term Care

Join Mark Kirby of Long-Term Care Resources for "Planning Your Future with Long-Term Care," on Wednesday, May 15, at 2:00 PM ET. During this webinar, you'll learn about the basics of long-term care, the costs you may incur if you ever need it, and more. [Register](#) online today!



### Save on More Than 30,000 Items at Office Depot



U.S.-based ACS Members can save 10% off the everyday web price on more than 30,000 office supplies available through the [ACS Office Depot Partner Program](#). From pens to printing, for home, school, or work, you'll find everything you need at Office Depot to keep yourself well supplied and efficient. Register at [www.1800member.com/od-acs](http://www.1800member.com/od-acs) or call 1-800-636-2377. Once registered, you can shop in store or online. [Sign up today](#) and start saving!

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

- [Scientists mine for potential drugs in the Berkeley Pit and other industrial sites](#)
- [Personal care product makers follow the green gold rush of cannabis](#)
- [Stanley Crooke on finally making sense out of antisense](#)
- [C&EN's top 50 US chemical producers for 2018](#)
- [Periodic Graphics: The origins of the elements](#)
- [From our archives: An essay on gallium, by Oliver Sacks](#)
- [Career Ladder: Vy Dong](#)
- [Phony felines and dogged determination](#)
- [Yellow food coloring helps researchers print organlike structures](#)
- [Chemical firms struggle in first quarter](#)



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