

## ACS MATTERS

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from the American Chemical Society



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How are you celebrating #IYPT2019? | **May 28, 2019**

## FEATURE

### 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).

ACS offers a wide array of [services and support for members working in industry](#), including the new bi-weekly *ACS Industry Matters* member newsletter, featuring 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!](#)



## MY ELEMENT



In today's story, Joyce Easter comments on how **molybdenum** has been a source of constant intrigue for her, from its naming origins to its function in nitrogen fixation, and being mistaken for graphite.

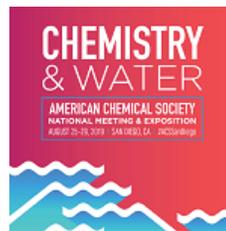
What's your favorite element? [Share your story today!](#)

# ADVANCE YOURSELF & YOUR SCIENCE

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## Save on Registration Now for the Fall 2019 National Meeting & Exposition

Join ACS and thousands of your colleagues in San Diego, CA, August 25-29, for the [Fall 2019 ACS National Meeting & Exposition](#), and see what's new in your area of the chemical sciences! Connect and share ideas with your peers, attend workshops and training sessions, advance your career, and discover new research and technologies. Be among the thousands to investigate and deliberate on emerging scientific and technical information on the meeting theme, *Chemistry & Water*.



ACS Members can [save up to \\$400](#) by registering before June 19. All attendees, including presenters, must register, so take advantage of this special savings opportunity!

Visit the [San Diego national meeting home page](#) to register, renew your membership, and book your housing all in one place. We look forward to seeing you in San Diego!

## Spanish-Language Webinar on May 29: Sucrose in Sugar Cane



Sugar cane is an important source of energy by the way of sucrose. On Wednesday, May 29, 2:00-3:00 PM ET, join [Oscar Monzón](#), Principal Investigator of the Analysis and Services Laboratory in Guatemala, and moderator [Ingrid Montes](#) of the ACS Board of Directors, for "Cinética de Concentración de Sacarosa en la Caña de Azúcar y de sus Parámetros Complementario," a [free, Spanish-language webinar](#) in which they'll discuss the kinetics of sucrose concentration in sugar cane as it advances to its point of maturity.

## Kinetic Selectivity and Target Vulnerability in Drug Design, from ACS Webinars

How can treating neurological disease overcome challenges like the synthesis of small molecule agents that penetrate the blood-brain barrier, in order to sustain target engagement at low drug concentration? Issues around the thermodynamics and kinetics of drug-target interactions will be the focus of "[Widening the Therapeutic Window: Kinetic Selectivity and Target Vulnerability](#)," the next ACS Webinars online event, on Thursday, May 30, 2:00-3:00 PM ET.



Join [Peter Tonge](#), Professor of the Center for Advanced Study of Drug Action at Stony Brook University, and Chief Scientific Officer [Stewart Fisher](#) of C4 Therapeutics for this [free, interactive broadcast](#), in which they'll discuss the factors that affect the translation of sustained occupancy to prolonged drug activity, such as target vulnerability and the rate of target turnover, which in turn impact the potential benefits of kinetic selectivity.

## 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 Essential Polymer Training Course



Polymer chemistry is continuously evolving. Stay up to date on current trends with an [ACS Professional Education](#) Short Course, taught by instructors who are leaders in their field. Learn mechanisms of polymer formation and how to design, synthesize, formulate, and evaluate polymeric coatings in [Polymeric Coatings](#), and understand the thermodynamics of polymer solutions and the synthetic reactions of polymers in [Polymer Science and Technology](#). For more information and to register, visit [proed.acs.org](http://proed.acs.org).

## ACS Career Corner

### Finding the Right Catalyst: Beata Kilos-Réaume, Dow Chemical

Beata Kilos-Réaume is a catalyst aficionado. While studying chemistry at Adam Mickiewicz University in Poznan, Poland, she attended a talk about zeolites by her future PhD adviser... [read more](#)



### Is it (ever) appropriate to talk to my coworkers about salary?

#### Lee Latimer, Principal, LHLatimer Consulting

"First, this situation is not new to our age, it is just getting more awareness. The base rule is 'never.' This is due to the potential that either you or a coworker is likely..." [read more](#)



#### Dharshi Bopagedera, Chemistry Professor, The Evergreen State College

"After you have been at the organization for at least one year and established yourself as a valuable member of that community. I also hope that you ask about wages when you interview." [read more](#)



#### Holley Waldron, HR Business Partner, American Chemical Society

"This is always a tricky question as we seek to understand perceived and real gaps. Discussions with co-workers about salary – if conducted at all – should be very carefully entered into." [read more](#)



#### Tom Halleran, Recruiter, American Chemical Society

"I would not recommend discussing your salary with coworkers. If you believe that you should receive an increase in pay, this is something that should be discussed with your manager." [read more](#)



- Instructor I, Chemistry Program | University of Northern British Columbia | Prince George, BC
- Computational Chemistry Leader | Morphic Therapeutic, Inc. | Waltham, MA
- Financial Analyst | Saudi Aramco | Dhahran, Saudi Arabia
- Postdoctoral Appointee-Global Chemical and Biological Security Risk Analyst | Sandia National Laboratories | Albuquerque, NM

**c&en** JOBS

## ACS NEWS

### ACS in the News



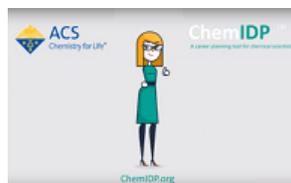
"Alone, They Stink. Together They Create Dark Chocolate's Alluring Aroma." (from *The New York Times*, May 15, 2019)

"In a [paper](#) published last week in the *Journal of Agricultural and Food Chemistry*, the researchers behind this endeavor reveal that dark chocolate's aroma comes down to 25 molecules, in just the right concentrations — some of which you might find rather disgusting if you sniffed them on their own."

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).

### Navigate Your Career Options with ChemIDP™

It can be overwhelming trying to navigate through all the career options that are available to the scientific professional in the world today. With ACS's ChemIDP™, graduate students and postdoctoral scholars have a tool that can help organize and clarify their career planning. ChemIDP™ is the perfect tool to help you no matter where you are professionally.



### Use AACT Resources in Your Introductory/General Chemistry Classes



webinar today!

Register for the July 9th webinar from the American Association of Chemistry Teachers (AACT) to learn how you can use AACT's [web resources for introductory/general chemistry classes](#). Participants will also be invited to attend an "AACT Open House" where they can peruse and access resources from the entire website at no cost for 24 hours. [Register for the July 9th](#)

### Embark on Journeys of Adventure and Learning with Betchart Expeditions!

Join [Betchart Expeditions](#) on unique journeys around the world with like-minded travelers and scientific experts who share a love of learning, discovery, and adventure. Each expedition offers rich and varied experiences to satisfy a range of interests. Betchart experts and local guides will provide a truly once-in-a-lifetime experience. Join Betchart on journeys that will stimulate your mind and refresh your spirit. Go to [www.betchartexpeditions.com](http://www.betchartexpeditions.com) to see what's planned, or call 1 (800) 252-4910 for more information.



## C&EN - This Week's Headlines

- Hiring managers share tips for landing your first chemical industry job
- Exploring the superheavy elements at the end of the periodic table
- The newest food trend is in the ground
- British contract research firms fight to find science talent
- Former senator Jeff Flake applies his core values to drug prices, China, and the environment
- Celebrating science by the slice and a chemistry promposal
- Electrified reactor could slash climate impact of industrial hydrogen production
- Air pollution may impair children's memory
- Podcast: How robots are revolutionizing chemical oceanography
- Rare earths facility planned for the U.S.
- Merck bolsters oncology pipeline with Peloton buy
- EU adopts plastics ban



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