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Spring Regional Meetings are Happening! | **June 11, 2019**

FEATURE

Connect and Network With Your Peers Around the World or Around the Corner

For professional networking in your geographic area or in your area of specialty, ACS Local Sections, Technical Divisions, Student Chapters, and International Chemical Science Chapters connect you with other ACS Members both globally and locally:



- There are 185 [Local Sections](#) around the U.S. that help chemists stay active and involved in their communities by providing a platform for networking and collaboration and by supporting the efforts of chemists to educate their community about chemistry.
- [Technical Divisions](#) are a resource for ACS Members to keep up-to-date with new developments in their area of science and collaborate, volunteer, and lead with other chemists. There are 32 divisions, each representing a specific branch of chemistry.
- [International Chemical Sciences Chapters](#) are the global version of U.S. local sections. There are currently 22 chapters around the world where ACS Members can connect with each other in a geographic region.
- Student members can be a greater part of their campus science community by joining one of the hundreds of [student chapters](#) in colleges and universities across the U.S. and around the world.

Visit www.acs.org/memberhandbook and www.acs.org to learn more about opportunities to network and connect with your peers.

MY ELEMENT



Today's story features **oxygen**, a highly reactive nonmetal and oxidizing agent. **Niket Suret Powar** shares that oxygen is his favorite element and is an integral part of his student work on oxide materials, adding

that "Without (it), we can't think about life on Earth."

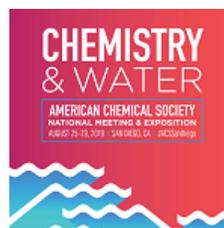
What's your favorite element? *Share your story today!*



ADVANCE YOURSELF & YOUR SCIENCE

Early Registration Discounts End on June 19!

Join thousands of chemists from around the world in San Diego, CA, for the [ACS Fall 2019 National Meeting & Exposition](#), to be held August 25-29! ACS National Meetings are a platform for both front-runners in chemistry and those new in the field to have a dialogue and share viewpoints on the ever-growing impact of chemistry on everyday life. [Register today](#) – early registration discounts are only available until June 19.



Please remember: to participate in the meeting, you must register. Failure to do so will result in removal of your abstract from the official meeting program, technical programming archive, and CAS database.

[Register now](#) to join thousands of your colleagues from across the globe in San Diego!

2019 Fall New Faculty Workshop in Savannah, GA



Chemistry faculty in their first, second, or third year of appointment are encouraged to apply for the final [2019 New Faculty Workshop](#) in Savannah, GA, October 18-19. (The workshop will be held prior to the ACS Southeastern Regional Meeting, but separate registration is required.) This compressed workshop will focus on developing and implementing evidence-based teaching practices in the classroom.

To be considered for acceptance, your application packet must include a completed application form, a letter of support from your department chair, and a copy of an NIH- or NSF-style biosketch. Applications will be accepted through July 19. For additional information and to start your application, please [visit the New Faculty Workshops website](#).

Free Webinar on June 13: So You Want to Be a Patent Attorney?

As a chemist, you have valuable skills and traits to pursue a career outside of the bench. For instance, patent or intellectual property law could be a great fit for your current skillset, but where do you begin the process? Find out from the next free ACS Webinar, "[So You Want to Be a Patent Attorney or IP Professional?](#)" on Thursday, June 13, 2:00-3:00 PM ET.



Join Attorney [Jonathan Kennedy](#), who focuses on protecting inventions related to chemistry, nanotechnology, and materials science, as well as Attorney [Xavier Pillai](#), who specializes in intellectual property law relating to chemicals, pharmaceuticals, and biotechnology, as they expose you to several distinct legal fields that may complement your science aptitude and background. If you have been thinking about a career in chemistry and the law, this [free, interactive broadcast](#), moderated by Attorney [Krista Bianco](#), will give you the opportunity to hear from scientists in the field as well as add your own voice to the discussion.

What You Will Learn

- Examples of educational and career backgrounds of current attorneys in patent and intellectual property law
- Day-to-day responsibilities of a patent and intellectual property law professional
- Technical and social skills necessary for a successful career in chemistry and the law

ACS CAREER NAVIGATOR

Achieve Your Career Goals at the National Meeting

As you prepare your schedule for the ACS National Meeting, consider adding ACS Career Navigator activities and workshops to your registration.

Register for [ACS Career Pathways™ Workshops](#), expertly designed courses dedicated to providing career guidance to both up-and-coming and professional chemists, and where you can learn about valuable resources such as [ChemIDP™](#). Learn

how to avoid misunderstandings and awkward confrontations, how to help your employees and colleagues become more effective, and much more by taking an [ACS Leadership Development System®](#) workshop, free for ACS Members. You can also refresh your skills and branch into new areas of emerging science and advanced applications with an [ACS Professional Education](#) course. Don't forget to attend [Career Navigator LIVE!](#) in the Expo Hall to search for jobs, schedule interviews, get a professional headshot, network with potential employers, and meet with [ACS Career Consultants](#) to get personalized job search advice. Add these activities to your [registration](#) today and give your career a boost!



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](#).

ACS Career Corner

Early Career Spotlight: Organic chemist searches for ways to keep crops healthy, productive, and green

Research investigator Tejas Shah, of Corteva Agriscience, remembers the date clearly: June 16, 2010. That was the day he and his colleagues

submitted the first paper that included his name as a coauthor. The paper, published a few months later in the *Journal of the American Chemical Society*, was about combining nucleophilic and hydrogen-bonding catalysis to get a better reaction. [read more](#)



Ask an Expert: "I often have doubt or fear of failure in the workplace. How can I battle that and boost my confidence in such a competitive environment?"

Dharshi Bopagedera, ACS Career Consultant

"Trust in yourself! You were hired because you are qualified and capable. Trust your judgment. Do not be afraid to ask questions." [read more](#)



Paul Lobben, Scientist, Thermo Fisher Scientific

"Align yourself with colleagues that exhibit the characteristics you admire. Often in team projects, the most effective team is that with a diverse perspective, in which the talents of the individual complements those of the team." [read more](#)



Michael Kenney, ACS Career Consultant

"Doubt and fear are not necessarily, bad – unless these feelings hinder our ability to accomplish our task. Yet, these are very real feelings and they do hamper us." [read more](#)



Holley Waldron, Human Resources Business Partner, ACS

"No matter what point one may be in his or her career, doubt, fear, and crisis of confidence are real possibilities. The much needed first step – though often less taken – is to assess the situation and understand the source of your fear or lack of confidence." [read more](#)



C&EN Jobs - Latest Postings

c&en JOBS

- Contract Position and Industrial Postdoctoral Position in Organic Chemistry | Organix, Inc. | Woburn, MA
- Postdoctoral Fellowships in Chemical Biology and Organic/Medicinal Chemistry | University of Notre Dame | Notre Dame, IN
- Postdoctoral Research Fellow in Organic Synthesis and Radiochemistry | University of Michigan | Ann Arbor, MI
- Senior Research Associate | ChemGenes Corporation | Wilmington, MA

ACS NEWS

Register Now for the Outreach Training Program Webinar Series!



The Outreach Training Program (OTP) is designed to help ACS Members improve their science outreach skills and fully maximize Society resources for planning hands-on science events. In-person workshops will be offered at two regional meetings (NERM and SERMACS). If you can't attend the training in person, register now for the seven-webinar series offered through the ACS

Learning Management System.

The program includes sessions on the history of ACS Outreach, safety in outreach settings, event planning and fundraising, communicating through hands-on activities, marketing and partnerships, leading volunteers, and monitoring success. Attendees will learn to successfully plan and execute hands-on science outreach events, as well as have an opportunity to network and build a community with others who are passionate about science outreach and ACS. For more information, visit the [OTP web page](#) or contact outreach@acs.org.

ACS in the News: *Forbes*

"Please Stop Peeing In The Swimming Pool, CDC Says." (from *Forbes*, May 31, 2019)



"... Chloramines can irritate your eyes, skin, nose, and breathing passages. [They] can even trigger asthma attacks. For example, a [study](#) published in the journal *Environmental Science & Technology* showed how the nitrogen in pee can react with chlorine to form cyanogen chloride, which can then [act] like tear gas. Yes, tear gas. Here's an [American Chemical Society video](#) on this reaction."

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

Support the Next Generation of Chemists



As part of her legacy planning, ACS Legacy Leader Jeannette Brown wants to open doors to allow more students to have the opportunity to become chemists. "The people who are in my will are my Project SEED kids," she says in a short video about her passion for giving to the [summer](#)

[research program](#) aimed at economically disadvantaged high school students. ACS [Legacy Leaders](#) are a growing group of people who have included ACS in their wills. Making a residuary bequest by designating a percentage of your estate is one way to support the next generation of chemical scientists. To [plan your legacy](#), contact Mary Bet Dobson at (202) 872-6210 or PlannedGifts@acs.org.

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!



Great Service and Great Savings from Budget!



ACS Members qualify for special discounts of up to **25% off of base rental rates for vehicles from participating Budget locations** in the U.S. and Canada. Go to the [ACS](#)

[Budget page](#) to see all the great rental options being offered, or call 1-800-455-2848 and reference discount code V118000. Whether you're traveling for work, visiting friends or family, or vacationing, Budget has a vehicle for you!

C&EN - This Week's Headlines

- Citrus greening is killing the world's orange trees. Scientists are racing to help
- Trihydrogen is the most important ion you've never heard of
- Research spending continues on an upward trajectory
- DuPont launches with a new take on innovation
- For grad students and postdocs, mental health begins with faculty
- Kit Chapman tells stories of the superheavy elements
- Shrimp clean up and get high, and a professor breaks bad
- Bacteria in our guts break down dozens of popular drugs
- Robust carbon-coupling catalysts sans precious metals
- DowDuPont completes final split to form DuPont and Corteva
- Researchers give plants a leg up in low light
- Plagiarism is top cause of chemistry paper retraction

c&en

PHUN & GAMES

Reactions: What the Smell of Freshly Cut Grass Really Means

Spring is in full swing, and summer is just around the corner! It's time to mow the lawn and breathe in the smell of freshly cut grass. But this pleasant springtime scent may actually be a chemical cry for help. In a [recent Reactions episode](#), we explain how plants communicate, their chemical response to being damaged, and how bugs play a part.



Reactions is a video series produced by ACS and PBS Digital Studios that uncovers the chemistry all around us. Check out dozens of archived videos that answer the burning questions you've always wanted to ask – with chemistry! Subscribe to Reactions on [YouTube](#) and follow us on [Twitter](#).

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