



# ACS Matters

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from the American Chemical Society

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[January 22, 2019](#)

## Feature

### The ACS Strategic Plan – Making Our Vision and Mission a Reality

As we enter a new year, we reflect and celebrate all that we accomplished last year, set goals for this year, and review trends and change drivers that may impact the Society, so that we can continue to make our Vision of "Improving people's lives through the transforming power of chemistry" a reality. With the guidance of the ACS Board of Directors, and the perspectives of ACS Members and stakeholders like you, we continue this effort with the new [ACS Strategic Plan](#) that has just launched today.



### Get Involved!

Now that the [new plan](#) is in effect, you can learn more about how the Society provides valuable support to the chemistry enterprise and explore ways that you can get involved at a grassroots level. We encourage you to share your thoughts on the new plan and the Society's direction for the future at [strategicplan@acs.org](mailto:strategicplan@acs.org).

## My ACS Story



### Stanley Milstein: I ADVANCE with My ACS

In today's story, Stanley Milstein comments on the [personal and professional enrichment](#) he has enjoyed during his many years as an ACS member.

Read stories from other members and see how they're taking advantage of their membership at the [My ACS Story](#) website. While you're there, take a moment to submit your own story—we look forward to hearing from you!

[TELL US YOUR ACS STORY](#)
[LEARN MORE ABOUT ACS MEMBERSHIP](#)
[VISIT ACS.ORG](#)
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## Advance Yourself & Your Science

### Call for Abstracts – ACS Fall 2019 National Meeting & Expo

ACS is now accepting abstracts for oral and poster presentations at the ACS Fall 2019 [National Meeting & Exposition](#), to be held in San Diego, California, August 25–29. The meeting theme, *Chemistry & Water*, promises to bring together chemists across disciplines to discuss impacts from, and to, water in various industries, sustainability, and more. [Visit the meeting website](#) to view topics by programming division. Submission deadlines begin March 18 and vary by program area. Learn more and [submit your abstract](#) now!



### Early Registration Discounts for Orlando End on January 23!

Join thousands of chemists from around the world in Orlando, Florida, for the [ACS Spring 2019 National Meeting & Exposition](#), to be held March 31–April 4! With more than 12,800 papers presented, this meeting promises to offer something for chemists with all specialties and career levels. ACS National Meetings are a platform for both

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**WANTED:**  
Smart chemists,  
like you

**ACS Webinars®**  
CLICK • WATCH • LEARN • DISCUSS  
**Thursdays at 2pm ET**  
Register to attend for free

## c&en JOBS

### Latest Postings

- Lab Director - Chemist | Aquatek Lab | New Haven, CT
- Head, Chemistry | University of Calgary | Calgary, AB
- Campus Chemical Hygiene Officer | Monterey Bay Aquarium Research Institute (UC Davis) | Davis, CA

frontrunners 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.

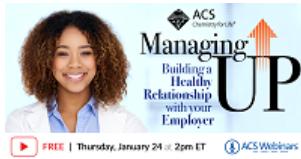
Early registration discounts are only available until January 23. Become an ACS Member while registering and save up to \$400!

Register now to join thousands of your colleague chemists from around the world in Orlando!

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**Free Webinar on January 24: How to Create Successful Work Relationships**

Are you content with your work relationships with your managers, or do you have a "case of the Mondays" with every new week? Reaching your personal goals and growing throughout your career are the signs of a true professional, yet we often misunderstand the role that others play during this process.



FREE | Thursday, January 24 at 2pm ET

ACS Webinars

Get some strategic insights into strengthening your professional relationships with "Managing Up: Building a Healthy Relationship with your Employer," the next ACS Webinars event on Thursday, January 24, 2:00-3:00 PM EST. Join Matt Grandbois of DuPont Electronics & Imaging and Patricia Simpson of the University of Illinois for this free, interactive broadcast, in which you'll learn how to work with your stakeholders in a manner that achieves mutual success and will ultimately lead to your long-lasting growth as a professional chemist.

**What You Will Learn**

- How to perform a stakeholder analysis to understand how your efforts impact the people around you
- How to cultivate a healthy working relationship with your supervisor in order to meet your career goals
- Communication strategies for effective relationship building and goal setting

Join us weekly for free, live ACS Webinars to learn from the best and brightest minds in chemistry – every Thursday, 2:00-3:00 PM EST!

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**ACS Career Navigator**



**Achieve Your Career Goals at the ACS National Meeting**

As you prepare your schedule for the ACS National Meeting, consider adding **ACS Career Pathways™** and **ACS Leadership Development System®** workshops to your registration. **Career Pathways Workshops** are expertly designed courses dedicated to providing career guidance to both up-

and-coming and professional chemists in navigating their futures. Learn how to avoid misunderstandings and awkward confrontations, how to help your employees and colleagues become more effective, and much more by taking a **Leadership Development workshop**, free for ACS Members. Refresh your skills and branch into new areas of emerging science and advanced applications with an **ACS Professional Education Short Course**. Don't forget to attend the **ACS Career Fair** to search for jobs and schedule interviews, and while you're there, network with potential employers right on the expo floor and meet with **ACS Career Consultants** to get personalized job search advice. Add these workshops to your **national meeting registration** today!

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**Coming Soon: ACS Career Day Cleveland**

Attend our upcoming **ACS Career Day Cleveland** on February 23, where you can attend panel discussions, participate in roundtable talks, and network with other chemists. ACS Members get access to additional resources like **personalized career consulting**, including résumé reviews, mock interviews, and more. Register for free and tell your friends and colleagues who are looking to improve their careers!

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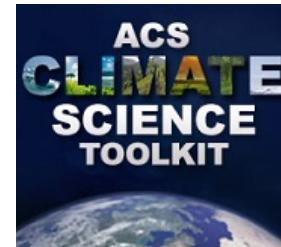
**ACS News**

**BASF Hosts Sponsored ACS Scholars**

BASF recently hosted students that it is currently supporting through the **ACS Scholars Program**, which awards scholarships to underrepresented minority students majoring in chemistry-related disciplines. The students toured BASF's Tarrytown, NY, labs and networked with ACS Scholar alumni and BASF employees. While getting a glimpse of what it's like to work for BASF, they learned about the company's commitment to providing them with mentoring support, job search training, and internship opportunities. You

- Visiting Assistant Professor Biochemistry | Swarthmore College | Swarthmore, PA
- Chief of Structural Biology | National Cancer Institute, Center for Cancer Research | Frederick, MD

**23rd Annual Green Chemistry & Engineering Conference**  
– AND –  
**9th International Conference on Green and Sustainable Chemistry**  
**"Closing the Loop" of the Chemical Life Cycle**  
**Take Advantage of Early Bird Registration Discounts!**  
Jan. 7–April 30, 2019



**Latest Article Selections**

- Whole-Cell Photoacoustic Sensor Based on Pigment Relocalization
- Engineering a New Class of Anti-LacI Transcription Factors with Alternate DNA Recognition
- Role of pH in Aerosol Processes and Measurement Challenges
- Synthesis and Evaluation of pH-Sensitive Multifunctional Lipids for Efficient Delivery of CRISPR/Cas9 in Gene Editing

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can also open the door to a science career today by donating at [www.acs.org/scholars](http://www.acs.org/scholars). To learn how your company can support the ACS Scholars Program, contact Robert Moss at [r\\_moss@acs.org](mailto:r_moss@acs.org).

#### Submit Your Application for the ACS Scholars Program

The [ACS Scholars Program](#) is an undergraduate scholarship program that offers financial support, mentoring, and networking for students majoring in a chemical science field. Selected recipients are awarded up to \$5,000\* per academic year. To date, more than 3,000 students have received funding from the program. Go to [www.acs.org/scholars](http://www.acs.org/scholars) to learn more and submit your application by March 1.



\*Number of awards and award amounts are determined by school year, demonstrated financial need, and available funding.



#### ACS on Campus is On Two International Roadshows

ACS on Campus is embarking on two exciting roadshows this February! We're heading to India during the week of February 4, stopping at [IIT Bombay, NCL Pune](#), and [IICT Hyderabad](#). Don't miss the opportunity to hear publishing and career advice first-hand from two of our Editors-in-Chief, Prof. Erick Carreira and Prof. Gunda Georg.

During the last week of February, we'll be in Costa Rica and Colombia for four exciting events with Prof. Jonathan Sweedler and Prof. Monica Cotta. [Check our website](#) for a full list of events to see if we're headed to a campus near you!

All events are open to students and early career researchers studying the sciences – not just chemistry! [Register today](#) for these FREE events.

#### Empowering Women in Chemistry: A Global Networking Event

2019 marks the International Year of the Periodic Table, as well as the centenary of the International Union of Pure and Applied Chemistry (IUPAC). In celebration of IUPAC's 100th anniversary, ACS is participating in the [Global Women's Breakfast](#) on February 12. ACS will host breakfasts at its offices in Washington, DC, and Columbus, OH. ACS Local Sections, Divisions, Student Chapters, ChemClubs, Corporation Associates member companies, and other ACS groups are encouraged to host similar events on this date.



The Global Women's Breakfast aims to assist women chemists to expand their network of contacts, both locally and internationally. Women at different stages of their individual careers can inform each other about their career progress, and together explore opportunities in professional development, research, or teaching horizons. We encourage you to [register your event with IUPAC](#), then sign up to be part of the ACS event [here](#).



#### The Chemistry of Life – ACS Division of Organic Chemistry (ORGN)

In and of itself, organic chemistry can seem to be just the study of carbon or of chemicals in living organisms. But since carbon is central to all living organisms, organic chemistry can be thought of as the study of the chemistry of life. The [ACS Division of Organic Chemistry \(ORGN\)](#)

has a unique position as it crosses over to biotechnology, chemical, and consumer products industries. As we know, carbon has special bonding abilities—we invite you to come and bond with us! Check out this [short video](#) from ORGN to learn more!

#### Get Your Own ACS Periodic Table Cupcake Mix

Just in time for IYPT, ACS is offering its own [Periodic Table Cupcake Mix](#). Each box makes 24 chocolate cupcakes and includes an exclusive link to fun puzzles and games. Get one box for yourself or five boxes to make your very own Periodic Table of Cupcakes. Available through the [ACS Online Store](#). Order yours today!

ACS Member Insurance  
Protecting Life's Elements  
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#### This Week's Headlines

- [C&EN, Table of Contents, January 21 issue](#)
- [The new drugs of 2018](#)
- [Revealing the secrets of jumping crystals' motion](#)
- [Polyester made from coal? China is betting on it](#)
- [Chemistry preprints pick up steam](#)
- [Brazil eyes new law for agriculture chemicals](#)
- [Chemjobber on when and how to say no](#)
- [Peeping into science and cooking with chemistry](#)
- [Plastics industry launches waste initiative](#)
- [Chematica could help chemists avoid patented synthetic routes](#)
- [Is this the decade of RNA?](#)
- [Wearable sensor monitors biomarkers without needing a battery](#)
- [Pharma start-ups got record funding in 2018](#)
- [U.S. lawmakers' bill would trigger cleanup of PFAS](#)
- [FDA prepares for huge growth in cell and gene therapy](#)

You can read [C&EN online](#) each week, or stay up-to-date with the latest news posted to [C&EN](#) by [subscribing to one of our RSS feeds](#).

#### pHun & Games





### Betchart Expeditions: New Year, New Adventures!

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. Make plans to join Betchart in 2019 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.

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### Get In Your Element with IUPAC's Periodic Table Challenge

The festivities to celebrate the [International Year of the Periodic Table](#) keep rolling in! Another way you can be a part of it is to participate in the [IUPAC Periodic Table Challenge](#) - IUPAC is trying to reach players from every country. Winners of the challenge will receive a certificate from IUPAC and can advance to the [Nobelium Contest](#).

Here's how to play:

1. Pick your avatar element
2. Test your knowledge with the [Periodic Table Challenge](#)
3. Do well and advance to the Nobelium Contest for a chance to win a limited edition Periodic Table autographed by a Nobel Laureate in Chemistry!
4. Entries in the Nobelium Contest will be posted on the website and will be eligible for a popular vote in Science, Art, and Education categories.

Get the complete details at the [IUPAC Periodic Table Challenge](#) website, and get into the challenge! The response has been fantastic, let's keep it growing!

**Contact Us**  
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ACS Matters is published by the American Chemical Society Membership Division.

[RSS](#)

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