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Chemists Celebrate Earth Week, April 21-27 | April 9, 2019

FEATURE

Science Coaches Applications Now Open

Partner with a chemist who can help provide support inside and outside the classroom through the [Science Coaches](#) program. Science Coaches is a unique opportunity for teachers to work closely with a chemist who can:



- Provide advice on real-world applications of lessons, demos, or experiments
- Help develop and enhance lesson plans
- Promote inquiry-based learning
- Support classroom-based experiments
- And much more!

[Applications](#) are open now through September 1. You can learn more about the Science Coaches program by participating in our [free webinar](#) on May 9.

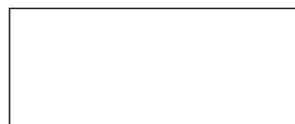
MY ELEMENT

Adam Boyd found [francium](#) to be "simultaneously mysterious and relatable" when he got his first introduction to the periodic table. "Francium seemed to be an encapsulation of the entire field of study ... chemistry provides a framework to better understand the world around us."

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

#PeriodicPlayoff: The Winner Is...

Silver! The final two elements,



Potassium and Silver, were neck and neck through Sunday and Monday in Orlando. It was still too close to call on Tuesday morning. Then there was a Silver Surge on Tuesday afternoon, and #47 was crowned champion in the [2019 #PeriodicPlayoff](#). Thanks to everyone who participated and played along. We hope you had as much fun as we did—we're looking forward to doing this again next year!

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ADVANCE YOURSELF & YOUR SCIENCE

Thank You, ACS Volunteers!



ACS honors its dedicated members and chemistry enthusiasts during [National Volunteer Week, April 7-13](#). Our volunteers tirelessly give their time, energy and skills through ACS events, local sections, technical divisions, high school chemistry clubs, National Chemistry Week and Chemists Celebrate Earth Week as well as through professional and student mentoring, and committee service – to name just a few. It's through this volunteer support and involvement that we're able to fulfill the ACS vision of improving people's lives through the transforming power of chemistry. Read the full [press release](#), and see how you can get involved at www.acs.org/volunteer.

Be a Part of the Inaugural Chemical Ventures Conference

Are you a startup, student interested in entrepreneurship, investor, founder, or someone who wants to expand their knowledge on chemical



ventures? ACS and the Center for Innovation and Entrepreneurship Excellence (CIEE), an AIChE Technological Community, invite you to attend the inaugural [Chemical Ventures Conference](#) (#CVC2019) at the Delaware Innovation Space, April 23-24. [Register here](#) and be a part of it.

Apply for New Faculty Workshop in Washington, DC



The application deadline is May 1 for the [New Faculty Workshop](#) in Washington, DC. The workshop will be held August 1-3 for newly hired chemistry faculty and early-career

chemistry faculty. Participants will learn how to develop and implement evidence-based teaching practices into the classroom. Additional program topics will include integrating teaching and research, student mentoring, effective time management, laboratory safety, and grantsmanship/funding. For additional information and to start your application, please visit the [New Faculty Workshops website](#).

Shape the Future of Scientific Discovery

CAS, a division of ACS and creator of SciFinder, is [eager to hear from chemists](#) like you. Sign up to [share your insights](#) and shape the direction of our products.



ACS CAREER NAVIGATOR

Network with Chemists in the DC Metro Area

Spring is the perfect season to focus on your career, and you won't want to miss [Career Navigator LIVE](#)



[Presents ACS Career Day DC Metro](#)

[Area](#), on April 20, at ACS headquarters in Washington, DC. This spectacular career day will provide you with the opportunity to explore résumé best practices and develop a greater understanding of what recruiters want from chemists. We promise you'll make new connections while learning how to advance your career. Don't miss out, [register today!](#)

C&EN Jobs - Latest Postings

- [Master of Science in Analytical Chemistry | Illinois Institute of Technology | Chicago, IL](#)
- [Lecturer Chemistry Maastricht Science Programme | Maastricht University | Maastricht \(Gemeenten\), Limburg, The Netherlands](#)
- [Post-Doctoral Researcher | U.S. EPA | Cincinnati, OH; Research Triangle Park, NC; Washington, DC](#)
- [Independent Early Career Research Group Leaders | Ruhr-University of Bochum | Düsseldorf, Nordrhein-Westfalen, Germany](#)



ACS NEWS

ChemIDP™: A Career Planning Tool for Grad Students and Postdocs



ChemIDP™ is an individual development planning tool designed to help graduate students and postdoctoral scholars in the chemical sciences plan and prepare for their careers. Create your free account today and start:

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- Explore career options

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Free Webinar on April 11: Hanging On to Helium

Helium is one of our few non-renewable resources, yet it's critical for many applications as an inert gas and as one of the coldest substances known. The next live event from ACS Webinars, "[Helium: An Irreplaceable Resource and Why We Must Conserve It](#)"



(Thursday, April 11, 2:00-3:00 PM ET), will examine current issues around this essential resource. Join [Sophia Hayes](#) of Washington University and [William Halperin](#) of Northwestern University during this [free, interactive broadcast](#) as they discuss why helium is such a valuable scientific commodity, current supply challenges, and potential conservation strategies.

Avoid the Pitfalls of Starting a Chemical Business - ACS Division of Business Development and Management (BMGT)



As recently as two years ago, the business of chemistry was a \$526 billion dollar enterprise accounting for approximately 529,000 American jobs. If you're thinking of starting a business, know that chemistry is a

driving force behind the growth and expansion of the U.S. economy. The [ACS Division of Business Development and Management \(BMGT\)](#) has a road map to starting a chemical business and understanding your customers. Leveraging their knowledge of chemistry and business, BMGT will help you develop non-technical skills to boost your value. [Reach out to BMGT today.](#)

Share ChemMatters and Help Demystify Everyday Chemistry for High School Students

Share the [April issue of ChemMatters](#) with a teacher near you, and help high school students demystify everyday chemistry!

ChemMatters is an award-winning magazine that helps high school students make connections between chemistry and the world around them through engaging stories. Check out the April cover story – "Celebrating Paper: Why Paper Thrives in the Digital Age" – for a look at this versatile resource and how chemistry holds the key to its many uses. [Visit us online](#) today to learn more and subscribe to access the full issue.



ACS Project SEED Success Stories: Jeff Chen



When Jeff Chen was accepted into the [Project SEED](#) program in 2017, he was grateful to gain a paid summer research experience, but had no idea it would later open so many doors. Working in the lab of Sagnik Basuray at New Jersey Institute of Technology led him to enroll at the university, where he continues his DNA detection research using microfluidic chips as a first-year undergraduate chemical engineering student. "Without SEED, I definitely would not be where I am today, positioned to publish a second paper and find internships. It changed my life!" Make future success stories possible by DONATING at www.acs.org/seed.

(Pictured: At the ACS national meeting in August, Chen helped lead a program for donors with Nobel Laureate Sir Fraser Stoddart, who served as champion of the [50 Forward](#) campaign for Project SEED.)

C&EN - This Week's Headlines

- [How your gut might modify your mind](#)
- [In the battery materials world, the anode's time has come](#)
- [The hunt is on for GenX chemicals in people](#)
- [Turning organic waste into hydrogen](#)
- [Caution ahead in petrochemicals](#)
- [Trade jitters come to the fore at Pittcon](#)
- [US National Toxicology Program changes course](#)
- [Orlando hosts ACS national meeting](#)
- [Amgen unveils its KRas inhibitor in human clinical trials](#)

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Send thoughts, tips, and questions to ACSNewsletterEditor@acs.org.

American Chemical Society

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