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| **September 3, 2019**

FEATURE

Free Webinar on September 5: IP & Regulatory Issues in Gene Editing

Researching genetics can be complicated, the regulations and IP issues surrounding them can be even more so. With so much current interest in this cutting-edge technology, you'll want to be on hand for the next free ACS Webinar, "IP & Regulatory Issues in Gene Editing," this Thursday, September 5, 2:00-3:00 PM ET.

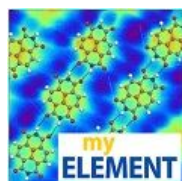


Join [Cassie Edgar](#) and [Jonathan Kennedy](#) of McKee, Voorhees & Sease for this [free, interactive broadcast](#) in which they'll share how and why IP strategy needs to be tied to business goals, directed to the specific R&D pipeline, and evergreen.

What You Will Learn

- Working with gene editing technology poses unique intellectual property and regulatory challenges, from the R&D discovery through post-launch phases of the product development lifecycle
- The current regulatory framework is product specific, currently morphing and complicated by global trade issues
- To be most effective, intellectual property strategy needs to be tied to business goals, and focused on developing offensive and defensive positions beyond the traditional "is it patentable" lens

MY ELEMENT



This week's favorite element entry comes from [Monique Wilhelm](#): "My favorite element is **hydrogen**! Even though my favorite molecule has changed throughout my lifetime, from DNA when I read about it being the code of life..." [read more](#)

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

ADVANCE YOURSELF & YOUR SCIENCE

Call for Abstracts – ACS Spring 2020 National Meeting & Expo

Macromolecular Chemistry: The Second Century will be the theme for the [ACS Spring 2020 National Meeting & Exposition](#), to be held in Philadelphia, PA, March 22–26, 2020. Twenty-nine ACS technical divisions, the Multidisciplinary Program Planning Group (MPPG), and several ACS committees are currently planning meeting programming. [Abstracts for oral and poster presentations in Philadelphia are now being accepted.](#)



ACS National Meetings & Expositions bring together thousands of chemists and chemistry professionals from around the world to discover and share research, network, and advance careers. These meetings are an excellent opportunity for professionals and students to showcase work and connect with colleagues in all areas of chemistry.

Acceptance deadlines begin on Monday, October 14, 2019, and vary by programming area. Check the [website](#) for current information.

Tips for Hosting a National Chemistry Week Event



There are so many ways to celebrate [National Chemistry Week \(NCW\)](#), October 20-26, 2019! This year's NCW theme is "Marvelous Metals." Visit us online today to find [tools and tips for coordinating an event](#) in your community and to [download our themed educational resources](#) to share!

Not sure where to start? Here are some ideas and resources to help make your NCW event a success!

- [Plan a hands-on science event](#) – no matter how small or how large your audience, you'll find applicable information on planning, fundraising, promotions, and more!
- [Host a community service event](#) – help your friends and neighbors learn about the science behind metals and why recycling is so important
- [Bring NCW to the classroom](#) – engage students with customized chemistry kits from Kids & Chemistry

Register for the Nanomaterials for Energy and Life Sciences Forum

Register today to save your spot at the ACS Publications & IBS Forum, "[Nanomaterials for Energy and Life Sciences](#)," in partnership with the Institute for Basic Science and hosted at Yonsei University in Seoul, South Korea. You have the opportunity to present your research to world-renowned scientists at this two-day forum, taking place on September 30–October 1, 2019, and featuring scientific lectures by world-class researchers from across Asia, Europe, and North America. Attendees will also have the opportunity to network with ACS Editors from the nanomaterials portfolio. [Visit the forum website](#) to register and submit your abstract for the poster session scheduled for September 30.



Great Science, Closer to Home at ACS Regional Meetings

[ACS Regional Meetings](#) are organized by ACS Local Sections and reflect the



diverse professional interests in their geographic regions. These meetings feature excellent technical programs, poster sessions, expositions, and social events, giving attendees an opportunity to network with their peers and stay up-to-date on current research in their region.

Registration is now open for all Fall 2019 meetings. Keep an eye on the [Regional Meetings calendar](#) for important dates as you make plans to attend:

- [Midwest \(MWRM\)](#) – October 16-19, Wichita, KS
- [Southeastern \(SERMACS\)](#) – October 20-23, Savannah, GA
- [Southwest-Rocky Mountain, combined \(SWRM-RMRM\)](#) – November 13-16, El Paso, TX

ACS CAREER NAVIGATOR

ACS Career Days Coming Up in St. Paul and Denver!

Get ready to take your career to the next level by attending one of the upcoming [ACS Career Day](#) events in [St. Paul, MN](#) (Thursday, September 12) or [Denver, CO](#) (Saturday, September 14). ACS Career Days are full of free career-development workshops, plus networking opportunities with peers and local recruiters. ACS members can take advantage of exclusive one-on-one personalized career counseling, including résumé review and mock interviews. Check the web pages for [ACS Career Day Minnesota](#) and [ACS Career Day Denver](#) for the latest agenda and workshop schedule, and register today!



Learn Critical Professional Skills – Online, Anywhere



ACS is offering even 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 these informative webinars:

- [Finding Your Pathway \(September 11\)](#)
- [Networking: How to Get Started \(September 25\)](#)
- [Immigration Workshop for Foreign National Scientists \(October 9\)](#)

Check out the [full schedule](#) for all Virtual Classrooms offered through December 2019.

C&EN Jobs - Latest Postings

c&en JOBS

- [Tenure-Track Assistant Professor, Tenured Associate Professor or Tenured Professor | CEMS University of Minnesota | Minneapolis, MN](#)
- [Assistant Professor of Chemistry - Tenure-Track | Kalamazoo College | Kalamazoo, MI](#)
- [Tenure Track Assistant Professor in Inorganic Chemistry | Boston University | Boston, MA](#)
- [Assistant Professor, Chemical and Biological Engineering | Princeton University | Princeton, NJ](#)

ACS NEWS

Free Webinar: Making a Difference through ACS Project SEED

ACS Project SEED provides bright, economically disadvantaged high school students with paid summer laboratory research experiences. Learn how you can get involved with ACS Project SEED by taking part in a [free, interactive webinar](#) on Tuesday, September 10, 1:00-2:00 PM ET.



Student Experiences Manager Racquel Jemison of the ACS Education Division and Assistant Director of ACS Development Mary Bet Dobson will give background on ACS Project SEED and how it supports the development of tomorrow's innovators, then describe how you can participate in the program as a volunteer or donate to it for the direct benefit of students. [Register](#) for the webinar today!

Science Coaches Deadline Extended to September 8



There's still time to submit your application to become an [ACS Science Coach](#)! The Science Coaches program provides a unique opportunity for teachers to partner with a chemist like you, who can provide advice on real-world applications of lessons, demos, or experiments; help develop and enhance lesson plans; serve as a science mentor; and promote inquiry-based learning. Applications are open through September 8 – [apply today!](#)

Insurance Protection for Chemistry Consultants

Property damage. Cyber breaches. Contingent bodily injury. All are risks that chemical consultants may encounter. Given today's litigious society, organizations are requiring that chemical consultants maintain Professional Liability coverage before contracting their services. So protect



yourself with a customized [Professional Liability](#) plan available through Hays Companies. Endorsed by the Board of Trustees, Group Insurance Plans for ACS Members, the Professional Liability plan covers defense costs, liability settlements, property damage and more. To learn more or to apply for the Professional Liability coverage that includes the broad breadth of coverage necessary for the consulting chemical professional call 888-437-7008 or visit the [website](#).

ACS Periodic Table Cupcake Mix—Available for a Limited Time



A special release for the International Year of the Periodic Table (IYPT), [ACS Periodic Table Cupcake Mix](#) is only available through November 2019! Each box makes 24 chocolate cupcakes and includes an exclusive link to fun puzzles and games. Celebrate IYPT with one box for you or five boxes to make an entire Periodic Table of cupcakes.

Labor Day Deals from Lenovo!

Take advantage of special savings opportunities as part of [Lenovo's](#)

extended Labor Day sale! Now through September 8, you can receive up to 67% off select Lenovo systems, devices, accessories and more. Whether for work, home or gifts, you'll receive FREE shipping on all web orders, personalized products and solutions, warranty service upgrades, and business financing. Be sure to check the [ACS Member Savings Program](#) page often for the latest offers. Members can also call 1-800-426-7235, ext. 3881 (Monday-Friday, 9:00 AM-9:00 PM ET; Saturday, 9:00 AM-6:00 PM ET) to speak with a customer representative.



C&EN - This Week's Headlines

- C&EN, Table of Contents, September 2 issue
- Seaweed farming for food and fuels
- Gut bacteria feast on the pills we pop
- Chemical industry caught in the middle of trade war escalation
- University of Kansas chemist indicted on fraud charges
- Eliminating the middleman improves production of clean-burning hydrogen fuel
- Novartis, Broad Institute researchers unveil new DNA-encoded library
- Video: Nanosensors shine a light on brain chemistry
- Bumblebees sniff and taste microbial compounds in flower nectar
- Investment in German start-ups drops-off



PHUN & GAMES

Reactions Q&A: Why Do Metals Rust?



With the approach of [National Chemistry Week \(NCW\)](#) and its theme, "Marvelous Metals," we're reminded of a classic episode of [Reactions on the chemistry](#) behind the reactions that makes metal rust. (Apparently, metals actually PREFER to be rusted.) You can find more metal-related videos by [searching](#) the [Reactions](#) YouTube channel (interspersed with the occasional heavy metal music video), and links to great ideas for events and activities on the [NCW website](#).

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 [Facebook](#) and [Twitter](#).

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