November 23, 2019

ACS Regions Community,

The attached content from 2018 and 2019 issues of Chemical & Engineering News (C&EN) regarding our ACS regional meetings is meant to assist those planning forthcoming ACS regional meetings in defining how their meetings will serve our ACS members and professional colleagues.

The first several pages is the content that appeared in C&EN with detailed information about each meeting. The last several pages is the content that appeared in C&EN that invited the submission of abstracts.

Sincerely,

Mr. Donivan R. Porterfield, Chair
Rocky Mountain Region Board
American Chemical Society
The 2019 Central Regional Meeting (CERM) of the American Chemical Society, hosted by the ACS Midland Section, will take place June 3–8 at the H Hotel and the H.H. Dow Leadership Academy in Midland, Michigan. Special events will be held at the Midland Center for the Arts, Dow Diamond stadium, and Michigan State University’s Midland STEM Center.

The ACS Midland Section will be celebrating its 100th anniversary, as well as the 50th anniversary of CERM. Meeting details are available at acscerm2019.org.

Technical program. The meeting’s theme is “Molecules to Materials.” Plenary talks will be delivered by Tobin J. Marks of Northwestern University; Craig J. Hawker of the University of California, Santa Barbara; Melanie S. Sanford of the University of Michigan, Ann Arbor; and A. N. Sreeram of Dow.


On Friday, the ACS Division of Business Development and Management will host a talk on entrepreneurship by Joseph M. DeSimone of the University of North Carolina at Chapel Hill.

Workshops. Educators can attend a variety of workshops, including “Toxicology for Chemists”; “Creating a STEM Elementary School Using Project Lead the Way Concepts”; “Virtues and Values in Science Education,” which includes dinner and a tour of the Chippewa Nature Center; “Introduction to 3-D Printing in the Science Curriculum”; and “Chemistry, Life, the Universe, and Everything.” Some of the workshops will be also be available through video conferencing.

Special events. An opening reception and ice cream social will take place on Monday from 5:00 to 8:00 p.m. at the Midland Center for the Arts. Attendees can enjoy appetizers, drinks, and locally made ice cream while viewing the Chemistry and Art exhibition, which celebrates the contributions of chemistry to creativity.

CERM 2019 at a glance

▸ Dates: June 3–8
▸ Location: Midland, Michigan
▸ Information contacts: General cochairs, Dimi Katsoulis and Matthias Ober (contact through the website)
▸ Website: acscerm2019.org

On Tuesday at 7:00 p.m. at the Midland Center for the Arts, astronaut Captain Scott Kelly will present the talk “The Sky Is Not the Limit: Lessons from a Year in Space,” exploring the role of chemistry and science in discovery. Tickets are $25 and available through the center’s box office at www.mcfta.org.

CERM’s Regional Water Quality Experiment, a yearlong citizen science activity that engaged middle school students in a water-quality study of the central region, will wrap up on Thursday with a tailgate at the Dow Diamond stadium. The program will include a career-mentoring panel, a networking event, and STEM Night at Dow Diamond featuring a high school robotics competition.

The regional meeting will conclude on Saturday with the National Historic Chemical Landmark dedication for the advancement of the gas chromatography/mass spectrometry coupling that originated at the Dow Chemical spectroscopy labs in Midland in 1955. The ceremony will take place in the Dow Lounge of the H Hotel.

Registration and lodging. Registration is now open and will continue through June 8. Rooms are available at the H Hotel and can be booked through the meeting website. Breakfast and lunch are included with meeting registration and will be served at the H Hotel. For more information, visit acscerm2019.org.
2019 Great Lakes Regional Meeting

May 1–4 conference in Lisle, Illinois, will center on careers, education, and sustainability

LINDA WANG, C&EN WASHINGTON

The American Chemical Society Joliet and Chicago Local Sections will host the 2019 Great Lakes Regional Meeting at the Sheraton Lisle Naperville Hotel in Lisle, Illinois, May 1–4.

Technical program. The meeting theme is “Chemistry Connections: Careers, Education, and Sustainability.” Symposia sessions will highlight advances in inorganic chemistry, electrochemistry, physical chemistry and spectroscopy, chemical education, materials chemistry, organic chemistry, medicinal chemistry, consumer chemistry, analytical chemistry, and biorelated chemistries. There will also be a general poster session and technical workshops.

On Wednesday evening, 2016 Nobel laureate Sir Fraser Stoddart will deliver the keynote lecture. In addition, a symposium on photochemistry will honor Frederick D. Lewis, a professor emeritus at Northwestern University. The ACS Joliet Section will sponsor a symposium in honor of Marcetta Darensbourg, a chemistry professor at Texas A&M University, and the ACS Chicago Section will present her with the Willard Gibbs Award.

Workshops. Workshops will cover topics on active learning, new curriculum tools, molecular modeling, fostering innovation, chemistry careers, online platforms for professional development, and improving ACS local section and student chapter outreach. For midcareer chemists, students, and postdocs, the ACS Career Day and Employer Showcase on Saturday, May 4, will provide an opportunity to learn about various career options and how to prepare for them. In addition to the workshop, expert consultants will be available for students to schedule one-on-one résumé and curriculum vitae reviews as well as interview practice. The “ACS Student Chapter Workshop” will focus on community outreach and fundraising.

Undergraduate programming. Two undergraduate student oral presentations will be featured, “Undergraduate Research at the Frontiers of Inorganic” and “Accomplishments in Research by Undergraduate Students,” as well as two days of general poster presentations. In addition, representatives from graduate schools will be available at the exposition to share information on their programs.

Exposition. A reception on Wednesday evening will help kick off the exposition, which will run all day Thursday and Friday. The exposition will offer an opportunity to learn about the latest products on the market. Applications for exhibitors are still available on the meeting’s website.

Awards. Several awards will be presented at the meeting, including the Stanley C. Israel Regional Award for Advancing Diversity in the Chemical Sciences, the ACS Division of Chemical Education Great Lakes Regional Award for Excellence in High School Teaching, the E. Ann Nalley Regional Award for Volunteer Service to ACS, and the Partners for Progress and Prosperity Award. The awards will be announced during an awards banquet on Friday, May 3.

Social events. Among the social highlights will be a keynote reception on Wednesday night. At the event, meeting attendees will mingle and enjoy jazz and cocktails. Participants are also invited to attend the Women in STEM Luncheon on Thursday and an ice cream social at the poster session on Thursday evening. A Project SEED 5K fundraiser will take place on Thursday morning. A new social event called Young Chemists Tweet-Up will take place on Friday after the banquet awards dinner.

Lodging and registration. Early-bird registration for the meeting ends on April 3, but the on-site rate will be available through the end of the meeting. A block of rooms is available at a reduced rate at the Sheraton Lisle Naperville Hotel. More details are available at the meeting website, www.2019ACSGLRM.org.

2019 GLRM at a glance

- Dates: May 1–4
- Location: Lisle, Illinois
- Information contacts: General cochairs, Jason Keleher, keleheja@lewisu.edu, and Barbara Moriarty, barbaramoriarty0@gmail.com
- Website: www.2019ACSGLRM.org

Downtown Lisle, Illinois
MEETINGS

NanoMARM: 46th Middle Atlantic Regional Meeting

LINDA WANG, C&EN WASHINGTON

The ACS Lehigh Valley Section will host NanoMARM: 46th Middle Atlantic Regional Meeting on June 3 at Lehigh University’s Iacocca Hall, in Bethlehem, Pa.

The meeting’s general chair is John Freeman of the Lehigh Valley Section. The meeting’s program chair is Ned Heindel of Lehigh University.

Technical program. The meeting’s theme is “Iron Past—Unlimited Future” and touches on many topics in polymer chemistry, including controlled/living polymerizations, conjugated polymer synthesis, synthesis of nanocomposites, nanostructures/assembly, and applications in optoelectronics and regenerative medicine.

Attendees interested in the entrepreneurial side of chemistry can attend a two-hour session on chemical business entrepreneurship by Keith Kardos of CD Diagnostics. Topics covered during the session include how to identify a successful idea, the commercialization of ideas, and navigating the regulatory environment.

Attendees interested in education can attend a two-hour session on distance education by Christine Martey-Ochola of Avo Global. Martey-Ochola will share how to teach upper-level college chemistry courses online. Scot Abbott of Phoenix First Response will lead a discussion on alternative instrumentation for chemical educators.

History buffs might enjoy a session on the history of chemistry by Roger Egolf of Penn State Lehigh Valley and Heindel. The session will focus on the early industrial chemistry of the Lehigh Valley region and the chemistry in the Pennsylvania Dutch community.

Additionally, there will be sessions on colloids, with presentations on surface chemistry, adsorption at interfaces, and nanocomposite particle characterization with terahertz multispectral imaging techniques. A discussion will follow with faculty from primarily undergraduate institutions on courses in colloid and surface chemistry. A poster session will take place from 3 to 6 PM.

The technical program will conclude with a plenary talk by Jennifer Rampling of Princeton University on the impact of chemistry in the 15th-century alchemy in England.

Chemagination. In conjunction with the meeting, the 2018 Mid-Atlantic Regional Chemagination Competition will be held from 11 AM to 4 PM at the Governor’s room in Iacocca Hall. The competition question is “From a point 25 years in the future, describe a recent breakthrough or innovation in chemistry that has improved the quality of people’s lives today.”

For more information about Chemagination 2018, contact cochairs Carol Stein, cmstein03@yahoo.com, and Louise Lawter, louise.lawter@gmail.com.

MEET event. Lorena Tribe of Penn State Berks will moderate the Mutual Exchange of Experience & Technology (MEET) event. Senior chemists will present a chemistry demonstration, and youth will assist them in editing and uploading the content to a social media platform online. The goal is to help senior chemists become more comfortable communicating their work to an online audience.

Awards. The following awards will be presented during the MARM awards ceremony and dinner.

The ACS Division of Chemical Education Region Awards for Excellence in High School Teaching recognizes, encourages, and stimulates outstanding teachers of high school chemistry in the mid-Atlantic region.

The E. Emmet Reid Award in Chemistry Teaching at Small Colleges in the ACS Middle Atlantic Region recognizes, encourages, and stimulates high-quality teaching and research at small colleges.

The Partners for Progress & Prosperity Regional Award encourages and recognizes successful and exemplary partnerships within the mid-Atlantic region. These partnerships can be between industry, academia, government, small business, or other organizations.

The Stanley C. Israel Regional Award for Advancing Diversity in the Chemical Sciences recognizes individuals or institutions that have advanced diversity in the chemical sciences and that significantly stimulate or foster activities that promote inclusiveness in the region.

Registration and lodging. Early-bird registration ends on May 21. Attendees may register at the on-site rate through the end of the meeting. There is no formal housing arranged for the meeting, but a list of local hotels is available on the meeting website at marmacs.org/2018/marm2018.html.
MEETINGS

MARM 2019

May 30–June 1 conference in Baltimore will carry the theme ‘Seeking Solutions through Chemistry’

LINDA WANG, C&EN WASHINGTON

The 2019 Middle Atlantic Regional Meeting (MARM), hosted by the American Chemical Society Maryland Section, will take place May 30–June 1 at the University of Maryland, Baltimore County (UMBC). The meeting theme is “Seeking Solutions through Chemistry.” Details can be found at the meeting website, marm2019.org.

Technical program. Among the meeting highlights is the presentation of the Remsen Award to Catherine Murphy of the University of Illinois at Urbana-Champaign. Her lecture, “On the Surface of Things: Chemical Display on Golden Nanocrystals,” will be preceded by the Remsen symposium, featuring leading researchers in the field of nanotechnology. Other symposia will cover the opioid crisis as it relates to chemistry, atmospheric and environmental chemistry, spectroscopy and homeland security, and photonic materials; a symposium will also feature outstanding young organic chemists.

A number of poster sessions will take place, including happy hour posters on Thursday (nano-, inorganic, and environmental chemistry) and Friday (organic and medicinal chemistry) as well as two undergraduate poster sessions on Saturday.

Career programming. ACS will host a Career Pathways workshop on Thursday morning and résumé reviews on Thursday afternoon. On Thursday morning, the Women Chemists Committee will sponsor the ACS career workshop “Collaborating across Boundaries,” followed in the afternoon by a panel titled “Science Policy and Government—a Bridge between Research and the Public, and a Path for Non-Traditional Chemists.” Panels on Friday include “Recent Chemistry Grads Share Their Experiences,” “Chemistry Jobs—Employers’ Perspectives,” and “Addressing Challenges for International Chemistry Students and International Chemistry Professionals.”

On Saturday morning, the UMBC ACS student member group will host a workshop titled “Catalyzing Greener Student Clubs.”

Programming for educators. For postsecondary educators, there will be a workshop on Friday morning titled “Introduction to IONIC/VIPer: Using and Sharing Inorganic Chemistry Education Resources” and an oral session called “Digital Technologies in the Undergraduate Classroom.” A session titled “Humanizing Science: The Key Roles of Mentoring and Building Community” will take place on Saturday morning, as well as the workshop “Teaching Forensics Chemistry in the Middle School Classroom.” In the afternoon, there will be a Chemagination competition for high school students.

Exposition. The exposition will run from Thursday afternoon through Saturday afternoon in the same space as the poster sessions. The expo will offer attendees an opportunity to learn about the latest products on the market. Applications for exhibitors are available on the meeting’s website.

Awards. Several awards will be presented at the meeting. These include the Stanley C. Israel Regional Award for Advancing Diversity in the Chemical Sciences, the ACS Division of Chemical Education Middle Atlantic Region Award for Excellence in High School Teaching, the E. Emmet Reid Award in Chemistry for Teaching at Small Colleges in the ACS Middle Atlantic Region, the E. Ann Nalley Middle Atlantic Region Award for Volunteer Service to ACS, and the Partners for Progress and Prosperity Regional Award. The awards luncheon will take place on Saturday afternoon.

Social events. The Women Chemists Committee is hosting a luncheon on Thursday. The Remsen reception will take place on Thursday evening after the Remsen Lecture. On Friday, the Maryland Section’s 50-, 60-, and 70-year members will be honored during a luncheon. There will also be an undergraduate and employment luncheon on Friday and a special Beers of Baltimore event on Friday evening. Brewers from Heavy Seas, Union Craft Brewing, and Guinness will join forces to teach participants about the chemistry of beer, and a beer tasting will follow. The ACS Governance Social will take place on Saturday afternoon, and an awards reception will occur in the evening.

Field trip. Meeting participants can tour Shimadzu’s demo facility in Columbia, Maryland. Shimadzu makes a range of analytical measurement and testing instrumentation. Transportation will be provided.

Lodging and registration. Many hotels are located at the Inner Harbor in downtown Baltimore and adjacent to Baltimore/Washington International Thurgood Marshall Airport. The Days Inn by Wyndham in the Inner Harbor has a $99 special rate for a limited time. The Days Inn and the DoubleTree by Hilton at BWI Airport will serve as shuttle stops for the meeting. There is also ample free parking on the UMBC campus during the meeting.

Register for the meeting by May 6 to receive the advance registration discount. Visit marm2019.org for more details.
The ACS Ames Local Section will host the 2018 Midwest Regional Meeting (MWRM) at Iowa State University from Sunday, Oct. 21, to Tuesday, Oct. 23. The general chair is Tom Holme, and the program chair is Javier Vela, both of Iowa State University.

Technical program. The meeting’s theme is “The Critical Role of Chemistry,” with symposia focusing on materials and their critical roles in energy; biomedicine; optical, magnetic, and electronic devices; and carbon capture and storage. A symposium titled “Measurement & Evidence in Chemistry Education” will anchor the education program.

One of the highlights of the meeting will be the Midwest Regional Award symposium on Monday, which will honor the Midwest Regional Award winner, Qingfeng Ge, a professor of chemistry at Southern Illinois University. His talk is titled “Simulating Heterogeneous Catalysis for Energy- and Environment-Related Applications.”

For those interested in the business side of chemistry, the “Entrepreneurs Toolkit” symposium, sponsored by the Division of Small Chemical Businesses, will offer insights on resources and best practices available for those who are thinking about turning their chemistry discoveries into new business opportunities.

Workshops. ACS Career Services will be offering workshops, including “Finding Yourself,” which helps participants identify a career that matches their strengths and values. The workshop “Networking: How to Get Started” will help early-career chemists leverage their networking skills to enhance their job search. In addition to these workshops, meeting attendees can schedule one-on-one résumé and curriculum vitae reviews on Monday and Tuesday.

Undergraduate programming. More than 100 undergraduate research presentations will take place during the conference. In addition, an outreach and chemistry demonstration event will take place in Hach Hall, the main chemistry research building, on Sunday afternoon. Social events include a pub trivia night hosted by the Ames Younger Chemists Committee (YCC) chapter on Sunday evening. And a YCC luncheon on Monday will feature author Teresa Waldof, who will give a talk titled “Code Name—Quik-Phix: Dr. Wilhelm, the Manhattan Project & the Secret Work of Ames Lab.” The talk will highlight the discovery by H. A. Wilhelm of Iowa State University of a process to generate uranium metal from its oxide, which played a key role in the Manhattan Project in World War II.

Exposition. A reception on Sunday evening will help kick off the exposition, which will run through Tuesday. Undergraduates can learn about opportunities for graduate school from representatives of chemistry departments across the U.S. Attendees can stop by the membership lounge to learn about the many ways that ACS can benefit chemists at all stages of their careers.

Awards. Several awards will be presented at the meeting. These include the ACS Midwest Chemistry Award, the ACS Division of Chemical Education Midwest Region Award for Excellence in High School Teaching, and the E. Ann Nalley Regional Award for Volunteer Service to ACS. The awards banquet will take place on Monday.

Lodging and registration. Early-bird registration for the meeting has ended, but the on-site rate is available through the end of the meeting. Rooms are available at a reduced rate at the primary conference hotel, the Gateway Hotel & Conference Center, located 1.6 km from the Scheman Building. The Best Western Plus University Park Inn & Suites and the Radisson Hotel Ames Conference Center at Iowa State University also have room blocks at reduced rates.

For more information about attending MWRM, visit the meeting website at mwrm2018.chem.iastate.edu.
The 2019 Midwest Regional Meeting, hosted by the American Chemical Society Wichita Section, will take place Oct. 16–19 at the Wichita Marriott in Wichita, Kansas. The meeting theme is “Macromolecular Chemistry.” Details can be found at the meeting website, www.wichita.edu/mwrm2019.

Technical program. On Thursday, Oct. 17, Sir Fraser Stoddart, 2016 Nobel laureate in chemistry, will give a plenary lecture on molecular machines. The technical program includes 16 special symposia, 6 general symposia, and poster sessions. Special symposia will cover a range of macromolecular topics, including synthesis, characterization, and applications of various materials. Poster sessions will be scattered throughout the meeting. A special graduate student session will feature presentations by graduate students selected from each local section in the region. In addition, ACS will host a Career Pathways workshop on Thursday morning and résumé reviews on Thursday afternoon.

Undergraduate program. The undergraduate program will kick off with a welcoming social at noon on Thursday. Then, undergraduates will give oral presentations, followed by poster presentations in the evening. The oral presentations and posters will be judged, and the top three presenters from the talks and poster sessions will each receive two tickets to the awards banquet, where they will receive a certificate and a gift card. On Friday, there will be a K-12 workshop where participants will prepare an e-book with details on at least 10 chemical demonstrations appropriate for K-12 students. A chemical waste management workshop for undergraduate chemistry laboratories is planned for Saturday.

High school program. The K-12 teaching program will take place on Saturday. The morning symposium will include information on what the ACS Division of Chemical Education offers educators and teaching resources available from the American Association of Chemistry Teachers. After lunch, teachers will learn teaching strategies related to classroom activities, including how to prepare students for the US National Chemistry Olympiad.

Exposition. The exposition will be open from Wednesday evening through noon on Friday. Vendors will answer questions about their products, and academic institutions will have an opportunity to recruit graduate students. Applications for exhibitors are available at the meeting’s website.

Awards. Several awards for 2019 will be presented during the meeting. These include the Stanley C. Israel Regional Award for Advancing Diversity in the Chemical Sciences; the ACS Division of Chemical Education Midwest Region Award for Excellence in High School Teaching in Memory of John E. Bauman, Jr.; the E. Ann Nalley Midwest Region Award for Volunteer Service to the American Chemical Society; the ACS Midwest Regional Award; the ACS Award for Outstanding Achievements in Chemistry; the Partners for Progress and Prosperity Regional Award; the Graduate Student Research Awards; the MW Regional Undergraduate Student Poster Competition awards; and the Graduate Inorganic Award Honoring Professor Paul R. Sharp. An awards banquet will be held on Friday evening.

Social events. Social activities will kick off with Sci-Mix on Wednesday evening and continue on Thursday and Friday with receptions for the plenary speakers. During the Friday reception, members of the ACS Board of Directors will be present to answer any questions related to ACS. A luncheon on Thursday will connect senior chemists with younger chemists and will include guest speaker Gregory Finnegan of Kansas State University, who will be speaking about CRISPR-Cas9 technology.

Lodging and registration. A block of rooms is available at the Wichita Marriott for early reservations at $125 per night. Reservations are being accepted at the 2019 MWRM website. Parking at the hotel is free. The Wichita Marriott offers free shuttle service to and from the Wichita Dwight D. Eisenhower National Airport. Food trucks will be available on hotel grounds during the meeting.
The ACS Northern New York Section will host the first Northeast Nanomaterials Meeting (NENM 2018) at the Crowne Plaza in Lake Placid, N.Y., on June 1–3. The general chair is Fadi Bou-Abdallah of SUNY Potsdam. The assistant chair is Martin Walker, also from SUNY Potsdam.

The meeting’s theme is “Nanomaterials: Applications, Health & Environmental Impacts.” Using a format similar to a Gordon Research Conference, the meeting will bring together scientists from different backgrounds to discuss new advances in nanotechnology and examine the implications of nanomaterials for human health and the environment.

Vincent Rotello of the University of Massachusetts, Amherst, will open the meeting with a keynote lecture titled “Interfacing Nanomaterials with Biology: From CRISPR to Antimicrobials.” Rotello’s research program focuses on using synthetic organic chemistry to engineer the interface between the synthetic and biological worlds, and it spans the areas of devices, polymers, and nanotechnology/bionano-technology. He is actively involved in the area of bionanotechnology, and his research includes programs in delivery, imaging, diagnostics, and nanotoxicology.

Featured speaker Thomas Webster of Northeastern University will deliver a lecture titled “Big Health Advances with Small Materials: 20 Years of Commercializing Medical Devices Using Nanotechnology.” The talk will highlight current nanomaterials approved by the U.S. Food & Drug Administration for human implantation and will emphasize the need for implantable nanosensors, as well as green nanomedicine approaches, to avoid toxicity concerns in synthesizing nanoparticles.

Vicki Colvin of Brown University will close the meeting with a plenary lecture titled “Nanotechnology in the Environment: Understanding & Exploiting the Wet-Dry Interface.” Colvin’s research explores how nanoscale particles interact with the environment and living systems. She combines novel synthetic chemistry with quantitative imaging and spectroscopy to study how the physical dimensions of materials affect their properties and interactions with complex organisms.

**Technical program.** The meeting will cover several major aspects of nanomaterials, including synthesis, functionalization, and chemical applications; industrial and medical applications; and health and environmental impact. All speakers are by invitation only.

The Saturday morning session will cover topics including particle surface modification for improved properties and applications; superparamagnetic properties of zinc ferrite nanoparticles; catalysts and biomedicine; nanoparticle and nanowire catalysts and their applications in catalytic and electrocatalytic reactions; photocatalytic performance of noble-metal-modified TiO2; the design of nanomaterials for light harvesting and fuel cells; and molecular and supramolecular design of discrete tubular architectures, called rosette nanotubes, and their applications in targeted drug and RNA delivery for cancer therapy.

The Saturday evening session will focus on the industrial and medical applications of nanomaterials and will feature talks on advances in the field of human health, including bioinspired nanomedicine, controlled drug delivery systems, nanoparticles, and drug-carrier platforms.

Sunday’s session will address the effect of nanotechnology on the environment. These talks will evaluate the environmental health and safety impact of engineered nanomaterials and discuss the development of new methodologies for the assessment of toxicological risks.

**Other events.** A preconference workshop on June 1 will focus on funding opportunities. The panel of experts includes Richard Johnson of the University of New Hampshire, Liviu Movileanu of Syracuse University, and Thomas Wenzel of Bates College.

A poster session will provide students and postdocs with an opportunity to interact with scientists in the field of nanotechnology, nanomaterials, and nanomedicine. Roughly 40 posters have already been submitted and will be considered for a poster competition. Posters will be judged on several criteria, including content, clarity, design, layout, labeling, and proper annotations. Meeting organizers will choose three winners, who will each receive a $100 prize and a certificate.

The expo will take place June 2–3, giving meeting attendees an opportunity to interact with companies exhibiting their products and services.

**Lodging and registration.** All rates include registration, lodging at Crowne Plaza, and meals. Double, triple, and quad occupancy are available for students and postdocs from the same lab or school, at reduced rates. Early bird registration has been extended until May 4. More details are available on the NENM 2018 website at nennm2018.org.
Northeast Regional Meeting 2019

LINDA WANG, C&EN WASHINGTON

The 2019 Northeast Regional Meeting of the American Chemical Society, hosted by the Eastern New York Section, will take place June 23–26 at the Saratoga Hilton, in Saratoga Springs, New York. Details can be found at the meeting website, www.acsnerm.org.


Other symposia include “The Molecular Mechanism of Olfaction,” “Bioorganic and Bioorganic Chemistry,” “Bioorthogonal Chemistry, from Test Tube to Animal,” and “Cannabis Science and Testing.”

The Buck-Whitney Award symposium will include presentations by past award recipients Jack Freed, Frank Bright, Thomas Szyperski, and Stanislaus Wong. The 2019 Buck-Whitney Award will be presented to Benjamin Wiley of Duke University during the awards dinner on Tuesday evening. Wiley will give a talk titled “Facet-Selective and Flow-Through Electrochemistry with Metal Nanowires.”

The meeting will also feature a plenary lecture by Nobel laureate Joachim Frank.

Courses and workshops. A workshop titled “Fostering Innovation” will be available through the ACS Leadership Development System. Attendees will learn how to manage innovation and develop a systematic process for idea generation.

Students, recent grads, and experienced professionals considering a career change may be interested in the “Finding Your Pathway” workshop. Attendees will learn about recent hiring trends as well as the various careers available to chemists. Résumé reviews and career guidance sessions will also be available.

For those interested in chemistry outreach, a full-day outreach-training workshop will cover the history of National Chemistry Week and Chemists Celebrate Earth Week, science communication, event logistics and fundraising, leading volunteers, monitoring success, and marketing.

Undergraduate programming. In addition to the “Finding Your Pathway” workshop, undergraduates can attend the Graduate School Expo and keynote address by Yogi Surendranath of the Massachusetts Institute of Technology.

Exposition. A reception on Sunday evening will help kick off the exposition, which will run through Tuesday. Applications for exhibitors are available on the meeting’s website.

NERM 2019 at a glance

- Dates: June 23–26
- Location: Saratoga Springs, New York
- Information contacts: General chairs, Lisa Coutts and Craig Westphal, acsnerm@gmail.com
- Website: www.acsnerm.org

Awards. Several awards will be presented, including the Buck-Whitney Award, the ACS Division of Chemical Education Region Award for Excellence in High School Teaching, the E. Ann Nalley Northeast Region Award for Volunteer Service to the American Chemical Society, and the ACS Stanley C. Israel Award for Advancing Diversity in the Chemical Sciences.

Social events. Students are invited to a welcome barbecue on Sunday evening. The Women Chemists Committee (WCC) Luncheon will feature a keynote talk by Debra Rolison of the US Naval Research Laboratory. WCC is also hosting a session titled “Removing the Fake Mustache: Strategies for Success as a Woman Chemist,” which will feature flash talks followed by a panel discussion.

Other events include the Younger Chemists’ Luncheon, opening reception and mixer, Senior Chemists’ and Younger Chemists’ Mentoring and Networking Breakfast, and poster session.

Lodging. Rooms are available at the Saratoga Hilton on a first-come, first-served basis for $169 per night when booked through the meeting website.

Undergraduate and graduate students have the option to stay at the Skidmore College campus at a reduced rate. Students can register for one ($81.50), two ($123), or three ($164.50) nights. The campus is a 15 min walk from the Saratoga Hilton and Saratoga Springs City Center, and students will have free access (with their housing ID card) to the CDTA buses that run between campus and the downtown area.

Registration. Advance registration will close at 11:59 p.m. on May 23. On-site registration will continue through the end of the meeting. For additional details, see www.acsnerm.org.
73rd NWRM at a glance

- **Dates:** June 24–27
- **Location:** Pacific Northwest National Laboratory
- **Information contacts:** Ram Devanathan, ram.devanathan@pnnl.gov; Vanda Glezakou, vanda.glezakou@pnnl.gov; program chairs
- **Website:** norm2018.org

Technical program. The meeting’s theme is “Energy, Environment & Education.” Programming is divided into tracks. The Environmental & Green Chemistry track, for example, will focus on mineral organic interfaces in the environment, atmospheric chemistry, and materials and fluids for fossil and geothermal energy applications.

The Chemistry Education & Outreach track will feature a symposium honoring the legacy of Jane and Glenn Crosby in chemical education and their dedicated service to ACS. This track will also celebrate the 50th anniversary of the ACS Project SEED program.

The High School Teachers Program track will include oral presentations on precollege science education, and the Undergraduate Program track will feature posters from undergraduate students and their advisers.

In the Physical & Computational Chemistry track, computational chemists can participate in a free tutorial on the NWChem software for computational chemistry.

The Chemical Safety track will highlight the essential role of safety in chemistry, including problem selection, experimental design, scale-up, and ultimate application. This track will explore the various ways safety needs to be considered in the chemical enterprise.

For those interested in business and entrepreneurship, the Innovation track will help participants navigate the value chain from idea generation to commercialization.

Awards that will be presented include the ACS Division of Chemical Education Glenn and Jane Crosby Northwest Region Award for Excellence in High School Teaching, the E. Ann Nalley Northwest Region Award for Volunteer Service to ACS, and the Partners for Progress and Prosperity Award. The awards banquet will take place on Tuesday, June 26.

Workshops. The “Career Pathways” workshop will guide attendees through the application process for jobs in industry, academia, and government. It will also cover options for self-employment. For those looking for their first job or making a career transition, the “Personal Career Consulting” workshop will offer tips on creating a résumé, information on improving your interviewing skills, and techniques for salary negotiation.

If you are learning electrochemistry or incorporating it into your analytical, inorganic, or even environmental chemistry curriculum, the “EChem in a Box” workshop will go over fundamental concepts of electrochemistry. There will be a short, hands-on lab using the WaveNow potentiostat with screen-printed electrodes. Please bring a Microsoft Windows laptop with a USB port.

In the workshop “Advocating for Science: How to Communicate with Your Elected Officials,” experts will role-play various scenarios to help attendees practice their approaches to communicating clearly about issues facing chemistry and gaining support from policy-makers.

Social events. A poster session with a networking social event will take place on Sunday, June 24, and help kick off the exposition, which will run through Tuesday.

Other social events include an undergraduate breakfast, a sunset hike up Badger Mountain hosted by the Younger Chemists Committee, a tour of the Environmental Molecular Sciences Laboratory at PNNL, a lecture by Mas Subramanian of Oregon State University, the Senior Chemists breakfast, the Women Chemists Committee networking luncheon, a wine science networking social, and a regional awards banquet.

Attendees can also participate in a tour of the B Reactor National Historic Landmark—the world’s first full-scale plutonium production reactor created as part of the top-secret Manhattan Project during World War II—or a tour of the Laser Interferometer Gravitational-Wave Observatory (LIGO), where the universe’s gravitational waves were observed for the very first time.

Lodging and registration. Early-bird registration for the meeting ends on May 21, but registration is available on-site through the end of the meeting. Reduced rates for a room at the Red Lion Richland Hanford House or the TownePlace Suites Richland are available until June 2. For more information about the meeting, visit norm2018.org.
Chemists will explore theme ‘From Nano to Global’

LINDA WANG, C&EN WASHINGTON

The 74th Northwest Regional Meeting of the American Chemical Society, hosted by the Portland Section, will take place June 16–19 at Portland State University. The chairs are Angela Hoffman of the University of Portland and Jim Tung of Lacommas Laboratories. Details can be found at the meeting website, norm2019.org.

Technical program. The meeting theme is “From Nano to Global.” Among the highlights is an opening plenary by Geraldine Richmond of the University of Oregon. After the plenary, meeting attendees can mingle with members of the ACS Board of Directors during a poster session and reception.

Other meeting highlights include a graduate student–led symposium on chemical approaches to renewable energy, featuring Eric Rivard of the University of Alberta; a symposium on the contributions of chemistry to health sciences and drug discovery, featuring William Goddard of the California Institute of Technology; and a symposium on archaeometry, featuring Luis Berrocal-Rangel of the Autonomous University of Madrid.

For those interested in starting a business, the innovation track on Monday will include a panel of science entrepreneurs and commercialization experts. During the exposition, there will be an innovation fair. And Allison A. Campbell, an ACS past president, will give a talk on BILL (business, illumination, longevity, laughs) during the ACS Division of Business Development and Management reception on Monday night.

Workshops. High school teachers are invited to attend a series of workshops on Sunday. Skip Rochefort of Oregon State University will lead attendees in some hands-on demonstrations, and there will also be a POGIL (Process Oriented Guided Inquiry Learning) workshop and an ACS resource fair. Lunch will be provided.

In addition, there will be a science advocacy workshop on Sunday to help equip ACS members with the information and tools needed to advocate for chemistry policy at the federal, state, and local levels. This workshop will bring interested members, veteran ACS advocates, and staff together to discuss best practices for engaging with federal and state lawmakers.

For job seekers, there will be two ACS career workshops on interviewing. This workshop should appeal not only to undergraduate and graduate students but also to recent graduates and experienced professionals considering a career change. Résumé review sessions will be available throughout the day.

On Monday, there will be an electrochemistry workshop titled “EChem in a Box,” led by Tim Paschkewitz of Pine Conference Center, if booked by May 15.

Undergraduate programming. Undergraduates attending the meeting can participate in a trivia session and a graduate school fair. There will also be an undergraduate breakfast, followed by a networking opportunity with senior chemists. The Eminent Scientist Lecture will feature a talk by Goddard of Caltech.

Exposition. The exposition will start on Monday morning and run through Tuesday. The expo will provide an opportunity to learn about the latest products on the market. Applications for exhibitors are available on the meeting’s website.

Awards. Four awards will be presented at the meeting. These include the Stanley C. Israel Regional Award for Advancing Diversity in the Chemical Sciences, the ACS Division of Chemical Education Glenn and Jane Crosby Northwest Region Award for Excellence in High School Teaching, the ACS E. Ann Nalley Northwest Regional Award for Volunteer Service to the American Chemical Society, and the Partners for Progress and Prosperity Award. The awards banquet will take place on Tuesday night.

Social events. On Monday, the Women in Science Luncheon will feature a talk by Nancy Williams of Claremont McKenna College. In the afternoon, there will be a graduate student reception as well as the HUMAN Event (Historically Underrepresented Minorities and Allies Networking Event). On Tuesday, there will be a Senior Chemists’ Breakfast, an LGBTQ+ chemists and allies social event, and the Awards Reception and Banquet. On Wednesday, meeting attendees can tour the Reed College reactor.

Lodging and registration. Early-bird registration for the meeting ends on May 16; on-site registration will be available throughout the end of the meeting. Rooms are available at a reduced rate at the Hotel Zags and the University Place Hotel and Conference Center, if booked by May 15.
The ACS Savannah River Local Section will host the 70th Southeastern Regional Meeting of ACS (SERMACS 2018) at the Augusta Convention Center from Wednesday, Oct. 31, to Saturday, Nov. 3, in Augusta, Ga. The meeting theme is “Securing Tomorrow through Innovation Today.”

**Technical program.** The conference will feature multiple strong symposia in analytical, biological, medicinal, organic, nanomaterial, nuclear, and physical chemistry. Highlights include the following: “Putting Science to Work at SRNL” will explore the multidisciplinary work being conducted at the Savannah River National Laboratory. “Pu-238 Production & Use” will focus on the research and discoveries associated with the Savannah River Site’s designation as a National Historic Chemical Landmark.

The “Cope Scholar Symposium” will honor the career of M. G. Finn of Georgia Institute of Technology and will be paired with programming on organic synthesis tools. There will be three days of talks on nanostructures and their applications. The 50th anniversary of Project SEED will be commemorated. A two-day symposium will celebrate diversity in the chemical enterprise.

Plenary speakers include Alan Marshall of the National High Magnetic Field Laboratory, Ioan Ciofini, Florida State University, Cato Laurencin of the University of Connecticut School of Medicine, Jillian Burian of the University of Alberta, and Dale Ensor of Tennessee Tech University.

**Exhibition.** The exhibition will take place from Wednesday to Friday. Exhibitors include Agilent, Bruker Optics, Eastman Chemical, IKA Works, Quantachrome, Teledyne, PerkinElmer, Rigaku Oxford Diffraction, Pine Research Instrumentation, Biotage, MicroLAB, CEM, Vernier Software & Technology, and Morton Publishing.

**Courses and workshops.** ACS on Campus will offer workshops on using SciFinder, preparing manuscripts, and taking advantage of ACS resources. The ACS Leadership Development System is conducting workshops titled “Leading Change” and “Coaching & Feedback.” Four ACS Career Pathways courses will cover choosing a career path and topics in developing networking and interviewing skills. Mock interviews and résumé reviews can be scheduled on-site. A job fair and employer interviews will take place on Friday.

**Undergraduate program.** There are numerous oral and poster sessions dedicated to undergraduate research. Undergraduates can participate in team competitions, including an ethics bowl and a chemistry quiz bowl. Other highlights include a program on alternative careers in science, an undergraduate chemical demonstration program, a pizza party, an undergraduate poster contest, and a graduate school fair.

**High school program.** The High School Teacher Program will take place on Saturday and include demonstrations by Al Hazari of the University of Tennessee, Knoxville, and Daniel Swartling of Tennessee Tech University. Representatives from Citizens for Nuclear Technology Awareness will discuss how to present nuclear science in classroom lectures. Simona Murph of SRNL will provide instruction on nanotechnology. Will Ashby of Augusta's Sumo Robot League will lead a session on how to program sensors and motors.

**Awards.** Award presentations will include the E. Ann Nalley Regional Award for Volunteer Service to the American Chemical Society, the Stanley C. Israel Regional Award for Advancing Diversity in the Chemical Sciences, and the Regional Award for Excellence in High School Teaching.

**Social events.** Social activities include a Division of Professional Relations trick-or-treat networking reception on Wednesday evening, followed by a screening of “The Rocky Horror Picture Show” at the historical Imperial Theatre. A reception commemorating the Savannah River Site’s designation as a National Historic Chemical Landmark will be on Thursday evening. A fermentation chemistry social at Savannah River Brewing will be held on Friday evening. Tours include visits to the Savannah River Site and Augusta University’s new Hull McKnight Georgia Cyber Center.

**Lodging and registration.** When booked before Oct. 9 through the meeting website, rooms are available at the Augusta Marriott at the Convention Center for the special conference rate of $155 per night.

Advance registration rates will end on Oct. 8. On-site registration will continue through the end of the meeting. For additional details, visit www.sermacs2018.org.

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**SERMACS 2018 at a glance**

- **Dates:** Oct. 31–Nov. 3
- **Location:** Augusta, Ga.
- **Information contacts:** General chairs, Chris Bannochie and Tad Whiteside, sermacs2018@srs.gov
- **Website:** sermacs2018.org
The 71st Southeastern Regional Meeting of the American Chemical Society (SERMACS) will be held Oct. 20–23 at the Savannah Marriott Riverfront hotel in Savannah, Georgia. The meeting theme is “Chemistry on the Coast.”

Technical program. Among the meeting highlights will be a keynote talk on Monday afternoon by historian and author John Laurence Busch, who specializes in steam-powered vessels. In addition, more than 70 half-day sessions will span the major disciplines of chemistry. Technical sessions will include “Applications of Mass Spectrometry for Drug Discovery and Precision Medicine,” “Frontiers in Nucleic Acid Chemistry,” “Catalysis in Aqueous and Alternative Media,” “Teaching, Creating, and Sustaining a Safety Culture,” “Diversity: Minority-Serving Organizations,” “Computational Chemistry Applied to Interesting Problems,” “Entrepreneurs Tool Kit,” “Plastics and Microplastics in the Environment,” “Aquatic Biogeochemistry,” “The Past, Present, and Future of the Periodic Table,” “Advances in Phosphorous-Based Ligands,” “Patent Law for Chemists: What You Need to Know,” “Nanophotonics for Chemical Sensing and Modified Chemistry,” “Structure-Based Drug Design,” “Synthesis and Applications of Novel Nanocatalysts,” “Heterocyclic Chemistry in the Southeast and Beyond,” “Smart Polymer Materials and Coatings,” and “Chemistry at 2-Year Colleges.”

Workshops. On Sunday, the workshop “Introduction to IONiC/VIPER: Using and Sharing Inorganic Chemistry Education Resources” will guide participants through the use of the Virtual Inorganic Pedagogical Electronic Resource, an online community for improving inorganic chemical education. On Monday, the ACS Outreach Training Program will teach ACS members how to successfully plan and execute outreach events. Leadership development courses will be available on Sunday and Tuesday, and undergraduate and graduate students can participate in ACS Career Pathways workshops on résumé building, networking, interviewing skills, and identifying a career that matches an individual’s strengths and values. On Tuesday, the workshop “Introduction to IONiC/VIPER: Using and Sharing Inorganic Chemistry Education Resources” will guide participants through the use of the Virtual Inorganic Pedagogical Electronic Resource, an online community for improving inorganic chemical education. On Monday, the ACS Outreach Training Program will teach ACS members how to successfully plan and execute outreach events. Leadership development courses will be available on Sunday and Tuesday, and undergraduate and graduate students can participate in ACS Career Pathways workshops on résumé building, networking, interviewing skills, and identifying a career that matches an individual’s strengths and values. On

“I’m proud to be a donor to the ACS Scholars Program because it helps underrepresented minority students, many of whom are first-generation college students from low-income homes, build networks and access resources needed to succeed.”

— Gretchen Hall, pictured with 2018 Gretchen Hall ACS Scholar Rachel Wilson

Through her will, ACS Legacy Leader Gretchen Hall will continue to support scholarships for students like Rachel Wilson. Rachel recently earned a bachelor’s degree in chemical engineering from the University of Pennsylvania and is starting her career in the corporate sector.

To start a conversation about establishing a legacy that will nurture tomorrow’s innovators, contact Mary Bet Dobson at 202.872.6210 or www.acs.org/legacy.
Wednesday, there will be a workshop titled “EChem in a Box,” where attendees will conduct a cyclic voltammetry experiment to gain a better understanding of how to use the tool for teaching electrochemistry.

**Undergraduate programming.** For undergraduates interested in continuing their studies, a graduate school fair will take place on Sunday afternoon. More than 30 universities will be participating in the fair, which will coincide with two undergraduate poster sessions. Undergraduates can also participate in an outreach lunch on Sunday, a women in industry lunch on Monday, and an ice cream social with members of the ACS Board of Directors on Monday afternoon.

**High school teachers program.** A program for K-12 educators is planned for Wednesday. Presentations will include the following topics: culturally responsive curricula, ocean acidification, classroom demos, particulate-level animations, and harmful algal blooms. Lunch is included.

**Awards.** Several awards will be presented at the meeting, including the E. Ann Nalley Regional Award for Volunteer Service to ACS, the Stanley C. Israel Regional Award for Advancing Diversity in the Chemical Sciences, and the Regional Awards for Excellence in High School Teaching. The awards luncheon will take place on Wednesday.

**Expo and social events.** An expo featuring the latest products on the market will kick off on Monday afternoon and run through Tuesday. Social event highlights include a National Chemistry Week public outreach event on the Savannah riverfront on Sunday afternoon, an undergraduate pizza party on Sunday evening, an ice cream social on Monday afternoon, a Women Chemists Committee cocktail hour on Monday evening, and a Younger Chemists Committee brewery event on Tuesday evening where attendees can talk with people working in different chemistry positions at the brewery. Meeting attendees are also invited to attend the diversity luncheon on Tuesday and the awards luncheon on Wednesday.

**Lodging and registration.** Early-bird registration for the meeting ends at 11:59 p.m. (EDT) on Sept. 23, but on-site registration will be available through the end of the meeting. Rooms at the Savannah Marriott Riverfront may be reserved at a reduced rate of $189 a night through the meeting website. To register for the meeting, or for more details, visit www.sermacs2019.org.
2018 Southwest Regional Meeting

LINDA WANG, C&EN WASHINGTON

The ACS Central Arkansas Local Section will host the 2018 Southwest Regional Meeting (SWRM) at the Little Rock Marriott and Statehouse Convention Center on Nov. 7–10. The general cochairs are Marty Perry of St. Louis College of Pharmacy, and Grover Miller of the University of Arkansas for Medical Sciences.

Technical program. The meeting theme is “The Natural State of Chemistry.” Symposia will feature various aspects of nanotechnology and a keynote address by John Wright of the University of Wisconsin, Madison. Other highlights of the technical program include symposia on bioanalytical chemistry, natural products chemistry, and drug discovery. The Cope Scholars Symposium, as well as technical sessions on medicinal chemistry, nanotechnology, chemical education, and chemical toxicology, will also take place.

Workshops. Faculty at primarily undergraduate institutions (PUIs) will benefit from the Reaxys Education workshop. Reaxys Education is developing a series of open education resources that are available to all schools, and potentially an education portal for PUIs offering baccalaureate degrees in chemistry that could bring this valuable resource into their students’ academic learning experience. Reaxys contains the world’s largest collection of document, substance, experimental property, and chemical reaction information. The ACS Division of Chemical Health & Safety will host a workshop on Saturday. This workshop will identify key educational chemical safety objectives for lab workers and ACS resources that support those objectives. Topics include critical use of safety information sources, assessment and prioritization of laboratory chemical risks, management of safety in the lab, and emergency planning. Additional workshops include the ACS Leadership Course, ACS Careers workshops, and a workshop on the Process Oriented Guided Inquiry Learning Project.

Undergraduate programming. If you are considering what to do after you complete your undergraduate degree, SWRM 2018 has programming that provides guidance. Various sessions on career path options will be available, including a graduate school fair that will take place on Thursday and Friday. Applications for schools that want to participate in the fair can be found on the meeting website. Undergraduates can also participate in the Little Rock River Market social on Thursday evening. There will be an undergraduate poster session and a number of podium sessions and an exciting Chem Demo Exchange on Saturday morning. There will also be a keynote presentation by Thomas E. Goodwin, the Elbert L. Fausett Distinguished Professor Emeritus of Chemistry at Hendrix College.

Precollege programming. Secondary science teachers can participate in a day of professional development, which will feature University of Tennessee, Knoxville, chemistry professor Al Hazari’s Magic of Chemistry show, a Chem Demo Exchange, and speakers from the Society for Science & the Public and Regeneron Pharmaceuticals.

Exposition. A reception on Wednesday evening will help kick off the exposition, which will run through Friday. The expo will offer an opportunity to learn about the latest products on the market. Applications for exhibitors are available on the meeting’s website.

Awards. Several awards will be presented at the meeting, including the ACS Division of Chemical Education Southwest Region Award for Excellence in High School Teaching, the E. Ann Nalley Regional Award for Volunteer Service to ACS, and the Southwest Regional ACS Award. The awards dinner will take place on Thursday evening at the Clinton Presidential Center and will include a tour.

Social events. The social highlights of SWRM 2018 include the ACS Governance Luncheon on Friday and a career luncheon for undergraduates on Thursday. Participants are also invited to attend the Women in Chemistry Luncheon, which will also take place on Thursday.

Lodging and registration. Early-bird registration for the meeting ends at 11:59 PM CDT on Oct. 1, but you can register at the on-site rate through the end of the meeting. Your opportunity to reserve a room at a reduced rate at the Little Rock Marriott hotel, which is in the heart of downtown along the Arkansas River, will end at 11:59 PM CDT on Oct. 8. More details are available at the meeting website, swrm.org/2018.
The American Chemical Society Rio Grande Valley Local Section and the Wyoming Local Section will host the 2019 Joint Southwest and Rocky Mountain Regional Meeting (SWRM-RMRM). The conference will take place Nov. 13–16 at the El Paso Convention Center in El Paso, Texas. The general chairs are Geoffrey Saupe of the Rio Grande Valley Local Section and Dean Roddick of the Wyoming Local Section.


**Special events.** Attendees are invited to attend the welcome mixer, awards banquet, Women in Chemistry Luncheon, Senior Chemists Luncheon, Undergraduate Luncheon, High School Teacher Luncheon, industrial and academic exposition, and poster sessions.

**Workshops.** For students and postdocs, the ACS Career Pathways Workshop and the ACS Resume Review Workshop on Friday will provide an opportunity to learn about career options and how to prepare for them. The ACS Leadership workshop will provide tools for emerging and veteran organizers to manage organizations and groups of any size.

**Undergraduate programming.** For those interested in undergraduate education and active learning strategies, Saturday’s symposium events will address best practices, and there will be presentations on what can be brought into a classroom. Talks on other educational topics are also included.

**Exposition.** A reception and poster session on Wednesday evening will kick off the 3-day industrial and academic exposition in the main hall. The expo will offer attendees an opportunity to learn about the latest technologies and scientific products on the market. Applications for exhibitors are available on the website.

**Awards.** Several major awards for both the Southwest and Rocky Mountain regions will be presented at the meeting. These include the E. Ann Nalley Regional Award for Volunteer Service to the American Chemical Society, the Regional Award for Excellence in High School Teaching, the Stanley C. Israel Regional Award for Advancing Diversity in the Chemical Sciences, the Partners for Progress and Prosperity (P3) Award, and the Southwest Region ACS Award. The awards banquet will be on Nov. 14.

**Lodging and registration.** Discount early-bird registration for the meeting ends on Oct. 31. Rooms are available at a reduced rate at the DoubleTree by Hilton Hotel until Oct. 28. Attendees can download the meeting program app on their phones to form discussion groups, explore social events, and explore local restaurants. Full meeting details are available at swrm.org.
**Call for papers: 2019 green chemistry conferences**

Abstracts are being accepted for the 2019 Green Chemistry and Engineering Conference and the International Conference on Green and Sustainable Chemistry. The colocated conferences will take place on June 11–13, 2019, in Reston, Virginia, and focus on the theme of closing the loop in the chemical life cycle. Highlights include more than 40 sessions; keynote talks by Udit Batra of MilliporeSigma, Lee Cronin of the University of Glasgow, and Dana Kralisch of Friedrich Schiller University Jena and JeN-ACell; and a product showcase. Abstracts are due by Jan. 14. For more information, visit www.gcande.org. — LINDA WANG

**Call for papers: GLRM 2019**

Abstract submissions are being accepted for the American Chemical Society 2019 Great Lakes Regional Meeting, which will take place May 1–4, 2019, at the Sheraton Lisle Hotel in Illinois.


In addition, there will be a general poster session and nine technical workshops covering topics such as sustainability in education, high school chemistry education, and building connections between ACS and industry. Nobel laureate Sir Fraser Stoddart will give the plenary talk.

C&EN will publish the final program summary in the spring; the online program will be available March 11. Abstracts are due by Jan. 28. To submit an abstract, visit the meeting website or ACS’s Meeting Abstracts Programming System at maps.acs.org. For more information, visit glrm2019.org. — LINDA WANG

ACS Shanghai chapter cohosts inaugural medicinal chemistry conference

Attendees from across China gathered on Oct. 26–27 for the first medicinal chemistry symposium cosponsored by the American Chemical Society Shanghai International Chemical Sciences Chapter, ACS Medicinal Chemistry Division (MEDI), and the Chinese Pharmaceutical Association (CPA) Medicinal Chemistry Division.

Held in a ballroom at the Renaissance Shanghai Pudong Hotel, the conference drew 212 registrants from more than 90 companies and universities. The conference theme was “Recent Advances from the Bench to the Clinic.” Conference organizers provided Chinese audience members with headsets to listen to live translations of the talks, which were all given in English. About a quarter of attendees tried the translation service, which was provided in real time by translators who sat in an enclosure in the back of the room.

Hugh Zhu, a medicinal chemist at Novartis in Shanghai and chair of the ACS Shanghai chapter, and Amjad Ali, a medicinal chemist at Merck & Co. and representative of ACS MEDI, cochaired the conference.

“We believed our members and fellow chemists would be very interested to learn about current R&D practice in the industry and recent pipeline progress,” Zhu said. “Typically, these presentations were heard through meetings such as first-disclosure sessions at ACS national meetings. Our ideas were to bring those highly relevant presentations in a timely manner to Shanghai so more people could learn about them without the hassle of overseas travel.”

Planning began about a year before the meeting, Ali said. The goal, he said, was to invite speakers whose experiences could help train the next generation of medicinal chemists.

The speakers included well-known academic and industrial researchers from the US and China who shared their expertise in developing novel medicines to treat cancer, hepatitis C, depression, and diabetes. The talks emphasized not only the scientific aspects of drug discovery but also how these discoveries impact patients’ lives.

Kaixian Chen, president of the CPA MEDI and a medicinal chemist at the Shanghai Institute of Materia Medica, highlighted this message by quoting two renowned pharmaceutical chemists in China and the US on medicinal chemistry’s role in human health: “Discover new drugs to treat diseases and relieve diseases for the people,” said Chenggu Zhao, and “We try never to forget that medicine is for the people,” George W. Merck said. How similar are the ideals of the two great men, whose ideals are the cause we are working together now,” Chen said, adding that he hoped the CPA and ACS would enjoy a long collaboration.

The organizers plan on the conference becoming a biennial event. “Overall the conference was a huge success,” Zhu said.—TIEN NGUYEN
Donors meet their endowed scholarship recipients

At the ACS Scholars Endowment Founders dinner in Washington, DC, on Nov. 3, former American Chemical Society CEO and Executive Director Madeleine Jacobs (center) chats with Kendyl Waddell (left), one of her two named scholars, and Sisamnofe Dorsu, the first recipient of a new endowed scholarship named for ACS Past President Eli Pearce, who died in 2015. The annual Endowment Founders reception and dinner provides an opportunity for donors to meet the ACS Scholars that their endowment supports. Four new endowed scholarships were established in 2018; they were named for Pearce, Ron Breslow, Gretchen Hall, and Barbara Rupple.—SUSAN AINSWORTH, ACS staff

► Call for papers:
MARM 2019

Abstracts are being accepted for the 2019 Middle Atlantic Regional Meeting (MARM), which will be held May 30–June 1 at the University of Maryland, Baltimore County. The meeting will highlight advances in organic, medicinal, environmental, and physical chemistry, with an emphasis on using chemistry to address real-world challenges. The meeting will also feature the Remsen Award lecture and symposium.


The final program summary will be published in C&EN in the spring. The online program will be available in April. Abstracts are due Feb. 25. To submit an abstract, visit https://marm2019.org or ACS’s Meeting Abstracts Programming System at maps.acs.org.—LINDA WANG

► Call for papers:
CERM 2019

Abstracts are being accepted for the 50th ACS Central Regional Meeting (CERM 2019), which will be held June 4–8 at the H Hotel, in Midland, Michigan.

Symposia will highlight the theme “Molecules to Materials,” and will emphasize the impact of chemistry on daily life. Plenary lecturers will include Tobin J. Marks of Northwestern University; Craig J. Hawker of the University of California, Santa Barbara; Melanie S. Sanford of the University of Michigan; and A. N. Sreearam of Dow Chemical.

Symposia topics include: “Chemistry and Transportation,” “Art Conservation Science,” “Cosmetic Chemistry”, “Feedstock and Energy Related Catalysis,” “Polymer and Colloid Science”, “Materials for Advanced Separations,” “Chemical Tools for Investigating Biology,” and “Safety in the Undergraduate Curriculum.”

There will also be a career panel discussion featuring panelists from industry, academia, and government laboratories, as well as a speed networking event.

The final program summary will be published in C&EN in the spring; the online program will be available on May 20. Abstracts open on Jan. 14 and are due March 4. To submit an abstract, visit https://acscerm2019.org or ACS’s Meeting Abstracts Programming System at maps.acs.org.—LINDA WANG

► Nominations open for 2019 Green Chemistry Challenge Awards

The ACS Green Chemistry Institute seeks nominations for the 2019 Presidential Green Chemistry Challenge Awards, which honor companies and institutions that have developed a new process or product using green chemistry approaches that help protect public health and the environment. The awards are cosponsored by the US Environmental Protection Agency. Nominations are due by Jan. 15. For more information or to nominate someone, visit www.acs.org/gcca.—LINDA WANG
ACS kicks off 50 Forward campaign

At a reception held during the national meeting in New Orleans, the American Chemical Society kicked off its 50 Forward campaign in celebration of the 50th anniversary of Project SEED. The campaign aims to establish an ongoing source of funding for Project SEED, which has inspired more than 10,000 economically disadvantaged high school students to explore the field of chemistry through laboratory research.

During the reception, ACS Executive Director and CEO Thomas Connelly welcomed a crowd of Project SEED supporters, donors, and program alumni. Project SEED coordinators Irene McGee, who leads health, safety, environment, and quality management in North America for Covestro, and ACS Board member Ingrid Montes, spoke of the program’s impact. Alumni Brian Foster, Sonali Mali, and Darwing Santiago Padilla Rolón described their unique experiences.

ACS Board Chair John E. Adams noted that momentum is already building toward reaching the 50 Forward fundraising goal of $2 million in 2018. He recognized Cynthia and Bruce Maryanoff and Susan Fahrenholtz, who made early leadership gifts, as well as corporate launch leaders 3M, the Isabel & Alfred Bader Fund, and Gilead Sciences. He also thanked launch partners, including Chevron, Covestro, and Lanxess.

At the board’s open meeting in New Orleans, SEED alumni Isa Watson and Brandon Presley shared how ACS support has influenced their careers. Watson is founder and CEO of Envested, a software start-up that helps companies track their employees’ volunteer activities. Presley is finishing a Ph.D. in analytical chemistry at Temple University to further his career in forensic science at NMS Labs, where he is currently a technical leader.

As part of the 50th anniversary celebration, the ACS Development Office has created the Project SEED Inspiration Lab, a growing repository of inspirational Project SEED stories, testimonials, and photographs. To learn more and to donate to Project SEED, visit acs.org/forward.—SUSAN AINSWORTH, ACS staff

ACS Pharmacology & Translational Science invites submissions

A new peer-reviewed journal by the American Chemical Society will focus on fundamental and applied research in pharmacology and translational science. ACS Pharmacology & Translational Science is accepting submissions online, and the first issue will be published this summer.

Patrick M. Sexton, professor of pharmacology and head of the Drug Discovery Biology theme at Monash University in Melbourne, Australia, will serve as the journal’s editor-in-chief. Sexton is a leader in pharmacology and drug discovery research, with a focus on G protein-coupled receptors.

“His ambitious vision for the journal, coupled with his breadth of experience and ability to engage with scientists in multiple fields, will help the journal truly meet the research community’s needs,” says James Milne, senior vice president of the Journals Publishing Group of ACS Publications.

The journal will cover pharmacology, biochemistry, and experimental medicine, from basic and molecular sciences to translational preclinical studies. “Our vision is to be a strategic destination for transformative research, with the journal recognized for both the quality of the published research and our peer review process,” Sexton says. “I am excited by the prospect of bringing new publishing opportunities to those researchers in the field who are conducting innovative and impactful research, and helping them gain strong exposure for this important work.”

Sexton says the journal’s immediate plans are to raise awareness of the journal and to solicit high-quality research papers from leading and emerging laboratories. “In the longer term, we hope to establish ourselves as the premier journal in our target areas, and we will need to be working with the community to ensure our engagement reflects their needs,” he says.—LINDA WANG

Call for papers: MWRM 2018

Abstract submissions are being accepted for the 2018 Midwest Regional Meeting, which will take place Oct. 21–23 at the Iowa State Center Scheman Building in Ames, Iowa.

Symposia will highlight advances in all areas of chemical research, education, industry, and their intersections with diverse scientific and technological domains. In addition to 16 technical symposia and a poster session, the meeting will feature a plenary lecture, the Midwest Award Lecture, an award symposium, an undergraduate program, workshops, and an instrument exhibition.


The final program summary will be published in C&EN in the fall; the online program will be available on Sept. 5. Details can be found on the meeting website at mwrm2018.chem.iastate.edu.

Abstracts are due by July 23. Visit the meeting website or ACS’s Meeting Abstracts Programming System (MAPS) at maps.acs.org to submit an abstract.—LINDA WANG
CAS reaches 150 millionth substance

On May 8, CAS registered its 150 millionth unique chemical substance—a 2-pyrimidinamine carbonitrile derivative, one of several promising compounds studied as inhibitors of two kinases (TBK and IKK) implicated in cancer and immunological diseases, including rheumatoid arthritis, systemic lupus erythematosus, and lupus nephritis.

CAS, a division of the American Chemical Society, provides scientific information services such as SciFinder and patent searching.

The substance was disclosed in a Merck KGaA patent reported by the World Intellectual Property Organization. The full name of the compound, CAS Registry Number 236877-20-1, is 2-[[3,3-difluoro-1-[(2R)-2-hydroxy-1-oxopropyl]-4-piperidinyl]oxy]-5-[2-[[5-((2R)-2,4-dimethyl-1-piperazinyl]-6-methoxy-2-pyridinyl] amino]-4-pyrimidinyl]benzonitrile.

Gilles Georges, vice president of CAS content operations, says it’s important to celebrate such milestones. “We don’t want it to be just a number; it has significance in terms of where the research is going. It took us about 40 years to register the first 25 million substances, and we reached that in 2005. We have registered 50 million substances in the last 4 years. That really speaks to the acceleration of chemistry research globally.”

The CAS Registry, which identifies and aggregates chemical substance information, was established in 1965. It is now the world’s largest curated database of unique chemical substances.—LINDA WANG

Chemistry Olympiad Study Camp begins

From June 2 to 13, 20 students selected by the American Chemical Society–sponsored US National Chemistry Olympiad program are attending the Chemistry Olympiad Study Camp at the University of Maryland, College Park.

The students are vying for a spot on the four-member team representing the US at the 51st International Chemistry Olympiad in Paris on July 21–30.

Representing 14 ACS local sections and 9 states, the students are Ridings Bald, the Westminster Schools in Atlanta; Jenny Cai, Park Tudor School in Indianapolis; Anugrah Chemparathy, Dougherty Valley High School in San Ramon, California; Allen Ding, Adlai E. Stevenson High School in Illinois; Andrew Feng, Canyon Crest Academy in San Diego; Michael Han, Dougherty Valley High School; Edward Jin, Arnold O. Beckman High School in Irvine, California; Alex Li, Lexington High School in Massachusetts; Albert Liu, North Hollywood High School in California; Anton Ni, University High School in Irvine, California; Yajvan Ravan, Churchill High School in Livonia, Michigan; Ananthan Sadagopan, Westminster High School in Massachusetts; Yannik Singh, Carmel High School in Indiana; Nicholas Tsao, St. Mark’s School of Texas in Dallas; David Wu, Westview High School in San Diego; William Xu, Thomas Jefferson High School for Science and Technology in Alexandria, Virginia; Aaron Xue, Oklahoma School for Science and Mathematics in Oklahoma City; Iris Yan, Carmel High School in Indiana; Albert Zhu, Solon High School in Ohio; and Alec Zhu, Lexington High School in Massachusetts.

For more information, visit the US National Chemistry Olympiad website at www.acs.org/olympiad.—LINDA WANG

ACS Bridge Travel Awards available

Applications are being accepted for the ACS Bridge Travel Award, which provides underrepresented minority students in the chemical sciences with up to $2,000 in funding for travel costs to attend a scientific conference. The award is part of the ACS Bridge Program, which aims to increase the number of underrepresented minority students that gain access to doctoral programs in the chemical sciences. Applications are due by Aug. 1. For more information, visit bit.ly/2kq6CN.—LINDA WANG

Call for papers:
2019 MWRM

Abstract submissions are being accepted for the 2019 Midwest Regional Meeting (MWRM), which will be held Oct. 16–19 at the Wichita Marriott Hotel, in Wichita, Kansas.

The symposium will highlight advances in macromolecular chemistry and its intersections with diverse scientific and technological domains. In addition to 14 technical symposia and 8 poster sessions, the symposium will feature a plenary lecture by 2016 Nobel laureate Sir Fraser Stoddart. The meeting will also feature undergraduate and graduate student research symposia, undergraduate and high school teacher programs, 6 general paper sessions, a safety workshop for educators of chemistry, and an instrument exhibition.

The final program summary will be published in C&EN in the fall; the online program will be available on Sept. 2. Abstracts are open till July 15. To submit an abstract, visit ACS’s Meeting Abstracts Programming System at maps.acs.org. For more information, visit www.wichita.edu/mwrm2019.—LINDA WANG
Alfred R. Bader, best known for cofounding Aldrich Chemical (which merged with Sigma Chemical to form Sigma-Aldrich), died on Dec. 23, 2018, in Milwaukee.

In addition to his entrepreneurial ventures, he and his wife, Isabel, have given millions of dollars to support the American Chemical Society Project SEED program, which provides scholarships to economically disadvantaged high school students to conduct hands-on research.

“Through his specialty chemicals company, Alfred made research more productive and rewarding for generations of chemists all over the world. Through his extraordinary philanthropy to ACS and numerous other institutions, such as Queen’s University, in Canada, his legacy will live on forever in the lives he changed,” says Madeleine Jacobs, a longtime friend who worked closely with the Baders when she was executive director and CEO of ACS. “His personal story and lifetime love of his devoted wife, Isabel, and sons is a testament to his boundless perseverance, optimism, and humanity in the face of extraordinary odds.”

“Chemists worldwide, even those who met Alfred briefly, are bowing their heads and giving thought to the tremendous effect he has made in their work, their lives, and chemistry overall,” says Victor A. Snieckus, professor and Bader Chair Emeritus at Queen’s University, in Kingston, Ontario.

Born in 1924 in Vienna to Jewish parents, Bader escaped to England in 1938 as the Nazis took over Austria. Soon after, Bader was deported from England and sent to Canada, where he was interned at a prisoner-of-war camp. A year and a half later, he was released and enrolled at Queen’s University at Kingston. He earned a BS in engineering chemistry from Queen’s University in 1945 and a PhD in chemistry from Harvard University in 1950. He founded Aldrich Chemical in 1951.

“He was tremendously bold and hardworking, and he had a marvelous life,” says Dudley R. Herschbach, professor of chemistry at Harvard University, who has reviewed two of Bader’s memoirs. “He created the world’s largest supplier of research chemicals, and it started out of a garage. The notion for it emerged from his experiences as a graduate student. He clearly had spunk.”

“I got to know Alfred when I started my business as a young entrepreneur,” says Michael Strem, founder of Strem Chemicals. “He became a mentor and inspiration to me and was gracious enough to serve on my board of directors during those early years. His input and expertise were great assets to the life of my company.”

“He was an extraordinary philanthropist, supporting education and the arts, and his impact will be felt for generations to come,” says Mary Kirchhoff, executive vice president for scientific advancement at ACS. “Alfred and his wife, Isabel, have been strong supporters of Project SEED. Their generosity enabled numerous high school students from economically disadvantaged backgrounds to gain hands-on laboratory experience and give them the confidence, through their research experience, to succeed in college.”

Bader was also a preeminent art collector, particularly of 17th-century Dutch paintings. In addition, the Baders have supported his eponymous ACS National Award, the Alfred Bader Award in Bioinorganic or Bioorganic Chemistry. He is survived by his wife, Isabel; sons, David and Daniel; and seven grandchildren.—LINDA WANG

ACS Bridge Program accepting student applications

Applications are being accepted for the American Chemical Society Bridge Program, which provides underrepresented minority students in the chemical sciences with academic support and other resources to be successful in graduate school, as well as support to attend scientific conferences. The program is part of the newly formed Inclusive Graduate Education Network, funded by the National Science Foundation to increase diversity in the graduate sciences.

Students who have not applied to graduate school or have applied but were unsuccessful are eligible to apply. Students can submit their general graduate school application through the online application system at maps.acs.org or ACS’s Meeting Abstracts Programming System at www.acs.org/bridge. The deadline for applications is March 15.—LINDA WANG

Call for papers: NERM 2019

Abstracts are being accepted for the 2019 Northeast Regional Meeting, to be held June 23–26 at the Saratoga Hilton and Saratoga Springs City Center in Saratoga Springs, New York.

The theme of NERM 2019 is “Chemistry—the Central Science of the Northeast.” Organized by the American Chemical Society Eastern New York Section, the symposium will highlight advances in multiple disciplines, with a focus on nanotechnology, energy, and colloid and surface sciences.

The technical program includes sessions on the following topics: biological nuclear magnetic resonance spectroscopy, bioorthogonal chemistry, chemical biology, theoretical and computational chemistry, analytical spectroscopy, drug delivery, green/environmental chemistry, metals in biochemistry, nanotechnology, nucleic acids, peptide chemistry, aerogels, analytical biochemistry, toxicology, forensic chemistry, smart energy, surface chemistry and catalysis, electrochemical energy conversion and storage, energy and fuels, applied nanomaterials, cannabis science and analytical testing, and polymer chemistry. There will also be a new investigator symposium and a poster session.

In addition, the meeting will feature a plenary lecture by 2017 chemistry Nobel laureate Joachim Frank and the Buck-Whitney Award Symposium, with presentations by past recipients followed by an awards banquet, at which the 2019 Buck-Whitney Award address will be presented.

The final program summary will be published in C&EN in May.

Abstracts are due March 18. To submit an abstract, visit www.acsnerm.org or ACS’s Meeting Abstracts Programming System at maps.acs.org.—LINDA WANG
New website for ACS Scholars Program

Since 1995, more than 3,000 students have participated in the ACS Scholars Program, which awards renewable scholarships to undergraduates from underrepresented minority backgrounds who are majoring in chemistry-related fields. Profiles of some of the alumni are now featured on a new ACS Scholars website initiated by ACS President Peter Dorhout, who is a strong supporter of the scholarship program.

According to the ACS Scholars website, 80% of ACS Scholars earn bachelor’s degrees in the chemical sciences. More than 50% of ACS Scholar alumni choose to pursue advanced degrees. In fact, more than 280 alumni have earned a Ph.D., and more than 35 alumni have joined university faculty.

Applications are being accepted until March 1 for the next class of ACS Scholars. The application form is available on the ACS Scholars website at www.acs.org/scholarsalumni. The application form is available on the ACS Scholars website at www.acs.org/scholarsalumni. The application form is available on the ACS Scholars website at www.acs.org/scholarsalumni. The application form is available on the ACS Scholars website at www.acs.org/scholarsalumni. The application form is available on the ACS Scholars website at www.acs.org/scholarsalumni. The application form is available on the ACS Scholars website at www.acs.org/scholarsalumni. The application form is available on the ACS Scholars website at www.acs.org/scholarsalumni. The application form is available on the ACS Scholars website at www.acs.org/scholarsalumni.

Call for papers: GC&E

Abstracts are being accepted for the 22nd Annual Green Chemistry & Engineering Conference (GC&E), which will be held June 18–20 in Portland, Ore.

Hosted by the ACS Green Chemistry Institute, this year’s theme is “Product Innovation Using Greener Chemistries.” New this year is a GC&E Product Showcase featuring innovative products made using the design principles of green chemistry and engineering.

For a list of sessions and other events, visit www.gcande.org. Abstracts are due on Feb. 12.—LINDA WANG

Apply to be a chemistry olympiad mentor

The U.S. National Chemistry Olympiad (USNCO) program, sponsored by ACS, is seeking a college faculty member to help prepare students for the International Chemistry Olympiad (IChO) competition. During the three-year term, the mentor will help conduct a two-week USNCO study camp, which will be held at the U.S. Air Force Academy in Colorado Springs in June of 2019, 2020, and 2021. The mentor will also accompany the U.S. team to the international competition in July of 2020 and 2021. ACS pays an honorarium and most expenses associated with the study camp and IChO.

Application forms are available at www.acs.org/olympiad, and the deadline to apply is Feb. 2. Applicants must also send three letters of recommendation to Cecilia Hernandez at usnco@acs.org by Feb. 16.—LINDA WANG

Call for papers: NORM 2018

Abstract submissions are being accepted for the 2018 ACS Northwest Regional Meeting (NORM), which will be held June 24–27 at Pacific Northwest National Laboratory in Richland, Wash.

The meeting will offer a broad array of symposia under 12 technical tracks, including analytical chemistry, biochemistry, chemistry education, chemistry innovation, chemical safety, environmental and green chemistry, food and wine chemistry, geochemistry, inorganic and materials chemistry, organic chemistry, physical and computational chemistry, and radiochemistry and nuclear chemistry. An innovation fair in the exhibition will feature chemistry-based start-ups and sessions on commercialization.

The final program summary will be published in C&EN in the spring; the online program will be available on May 7.

Abstracts are due on March 19. To submit an abstract, visit norm2018.org or ACS’s Meeting Abstracts Programming System at maps.acs.org. For more information, visit norm2018.org.—LINDA WANG
Call for papers for NORM 2019

Abstracts are being accepted for the 2019 Northwest Regional Meeting, to be held June 16–19 at Portland State University.

The meeting theme is “From Nano to Global.” The opening plenary speaker is 2018 Priestley Medalist and Linus Pauling Medalist Geraldine Richmond of the University of Oregon. The meeting will include a general poster session, an undergraduate program, and symposia on analytical chemistry, archaeometry, biochemistry, chemistry education, chemistry innovation, the chemistry of renewable energy, drug discovery and computational chemistry, the chemistry of Earth and space, environmental chemistry, green chemistry, food and wine chemistry, inorganic and materials chemistry, chemical and molecular microscopy, organic chemistry, medicinal chemistry, nanochemistry, physical chemistry, polymer chemistry, and radiochemistry and nuclear chemistry. An innovation fair in the exhibition will feature chemistry-based start-ups and sessions on commercialization.

The final program summary will be published in C&EN in the spring, and an online program will be available later.

Abstracts are due March 18. To submit an abstract, visit norm2019.org or the American Chemical Society’s Meeting Abstracts Programming System at maps.acs.org. —LINDA WANG

ACS introduces its new officers for 2019

The American Chemical Society welcomed its new officers during a reception in Washington, DC, on Jan. 23. The annual event provides an opportunity for ACS governance, staff, and guests from scientific organizations and funding agencies to interact with ACS’s new officers. Pictured (from left to right) are Secretary Flint H. Lewis, board Chair John E. Adams, President-Elect Luis Echegoyen, President Bonnie A. Charpentier, Executive Director and CEO Thomas Connelly, outgoing treasurer Brian A. Bernstein, and incoming treasurer Albert Horvath. Not pictured is Immediate Past President Peter K. Dorhout. US Rep. Eddie Bernice Johnson (D-TX) attended the reception as special guest. During her remarks, Charpentier shared her goals this year of collaboration, safety in the environment, and advocacy. —LINDA WANG

ACS Scholars Program seeks applicants

Applications are being accepted for the American Chemical Society Scholars Program, which awards renewable scholarships to underrepresented minority students who want to enter chemistry or chemistry-related fields.

In addition to providing financial support, the ACS Scholars Program pairs students with academic and professional mentors to give them the opportunity to learn from those who have experienced similar challenges related to ethnicity.

Awards of up to $5,000 will be given to qualified high school seniors or college freshmen, sophomores, or juniors who are African American, Hispanic/Latino, or American Indian. Students must plan to or already major in chemistry, biochemistry, chemical engineering, or a chemically related science, and they must plan to pursue a career in the chemical sciences.

Applications are available online at www.acs.org/scholars. For more information, email scholars@acs.org. The deadline to apply is March 1. —LINDA WANG

Call for nominations for HIST Breakthrough Awards

The American Chemical Society Division of the History of Chemistry is calling for nominations for its 2019 Citations for Chemical Breakthrough Awards.

The awards recognize breakthrough publications, books, and patents worldwide in the field of chemistry. The awards must have had a revolutionary concept, broad scope, and long-term impact.

Departments or institutions being recognized will receive a plaque to be hung near the office or laboratory where the breakthrough was achieved.

Nominations must include a full literature citation and a supporting statement of up to 200 words. All nominations must be received by Feb. 22.

For more information and nomination forms, go to goo.gl/UeidwP or contact Jeffrey I. Seeman at jseeman@richmond.edu. —LINDA WANG

Nominations sought for Helen Free Award

Nominations are being accepted for the Helen M. Free Award for Public Outreach, which recognizes outstanding achievements in the field of public outreach by a member of the American Chemical Society who improves public recognition and appreciation for the contributions of chemistry. The award is presented by the Committee on Public Relations and Communications. Winners receive a crystal award and a $1,000 prize. For more information, visit goo.gl/QgMNUv. Nominations are due on Feb. 6. —LINDA WANG
ACS Applied Bio Materials to launch in April

The American Chemical Society is adding a new journal, ACS Applied Bio Materials, to the ACS Applied Materials & Interfaces family of journals.

The new interdisciplinary journal will publish original research on all aspects of biorelated materials, including biological, biomedical, bioinspired, and biomimetic materials. The journal will also cover applications in biosensing, imaging, therapeutics, bioenergy, biocatalysis, and bioelectronics.

Shu Wang, a professor at the Institute of Chemistry of the Chinese Academy of Sciences, has been named the journal’s inaugural deputy editor.

“It is our intention that ACS Applied Bio Materials will serve authors and readers with the most recent breakthrough research dealing with the design of functional biorelated materials and their significant applications,” Wang tells C&EN. “The journal is devoted to reports of new and original experimental and theoretical research of an applied nature that integrates knowledge in the areas of materials, engineering, physics, bioscience, and chemistry into important bioapplications.”

Professor Wang brings more than seven years of experience editing for ACS Applied Materials & Interfaces,” Kirk Schanze, the journal’s editor in chief, said in a release. “He has broad expertise in the biological aspects of materials chemistry and materials science and will lead a diverse and interdisciplinary group of associate editors to be selected from across the global scientific landscape.”

Since 2011, Wang has served as an associate and executive editor of ACS Applied Materials & Interfaces. He already has big plans for the new journal.

“For short-term goals, we plan to make great efforts to increase the reputation, readership, and impact of ACS Applied Bio Materials,” Wang says. “For long-term goals, we hope the journal will become one of the top forums worldwide for the community of chemists, physicists, biologists, engineers, and materials scientists about the most recent breakthroughs in the field of functional biomaterials.”

ACS Applied Bio Materials will begin accepting submissions in April. The first peer-reviewed articles will appear online this summer.—LINDA WANG

Abstracts are due Aug. 20. To submit an abstract, visit swrm.org/2018 or ACS's Meeting Abstracts Programming System at maps.acs.org.—LINDA WANG

Recognizing 50-year members

Related congratulations to Max Seymour Lazar and Charles E. Miller, who have been ACS members for 52 and 59 years, respectively. Lazar reached 50 years of membership in 2016, and Miller in 2009. Thank you both for your many years of service.—JOHN GARDINER, ACS staff

Call for papers: SWRM 2018

Abstracts are due Aug. 20. To submit an abstract, visit swrm.org/2018 or ACS's Meeting Abstracts Programming System at maps.acs.org.—LINDA WANG

Call for papers: SERMACS 2018

Abstract submissions are being accepted for the 2018 Southeastern Regional Meeting of the American Chemical Society (SERMACS), which will be held Oct. 31–Nov. 3 at the Augusta Marriott at the Convention Center in Augusta, Ga.

The conference theme is “Securing Tomorrow through Innovation Today.” Three plenary lectures will highlight advances in analytical chemistry, biomolecular and materials engineering, and nanomaterials and materials for energy.

Special events include a soiree recognizing the designation of the Department of Energy’s Savannah River Site as an ACS National Historic Chemical Landmark, tours of the Savannah River Site, and a screening of the energy documentary “Switch.”

The conference offers programming for undergraduate students and high school teachers, as well as career and small business development sessions, an intercollegiate chemistry ethics bowl, and an expo.

The final program summary will be published in C&EN in the fall; the online program will be available Sept. 17.

Abstracts are due Aug. 16. To submit an abstract, visit sermacs2018.org or ACS’s Meeting Abstracts Programming System at maps.acs.org.—LINDA WANG

Call for papers: SWRM 2018

Abstract submissions are being accepted for the 2018 Southwest Regional Meeting (SWRM), which will be held Nov. 7–10 at the Little Rock Marriott in Little Rock, Ark. The meeting will highlight advances in coherent multidimensional spectroscopies and their dominance in the chemical sciences, with a keynote presentation by John Wright, a chemistry professor at the University of Wisconsin, Madison.

Topics of technical symposia include green chemistry, forensic chemistry, bioanalytical chemistry, nanomaterials for energy-related applications, chemical toxicology, chemical education, chemical education and technology, nanotechnology, analytical chemistry, and inorganic chemistry. Undergraduate programming will include graduate school and career development workshops.

The final program summary will be published in C&EN in the fall; the online program will be available in late September.

PRF announces 2017 grant recipients

The ACS Petroleum Research Fund has announced the recipients of research grants in 2017. The ACS Board of Directors approved 173 grants worth a total of $17.1 million for advanced scientific education and fundamental research related to petroleum and other fossil fuels. The list of grantees is available online at acsprf.org; click About ACS PRF. Additional information on grant programs and proposal submission is also available on the website.—LINDA WANG

ACS NEWS
US chemistry olympiads team heads to Paris

Four high school students are heading to Paris to represent the US in the 51st International Chemistry Olympiad, which will be held July 21–30.

The US team was finalized at the conclusion of the Chemistry Olympiad Study Camp on June 13 at the University of Maryland, College Park. The study camp was organized by the American Chemical Society and sponsored by Chemours.

“Off, it’s really great.”

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are far above my expectations.”

York. “I’m very very proud of them; they
graduates Edward Jin of Arnold O. Beck-
man High School, Albert Liu of North
Hollywood High School, and Anton Ni of
University High School, all in California,
and rising junior Yajvan Ravan of Churchill
High School in Michigan.

The first alternate is Allen Ding, a se-
nior at Stevenson High School in Illinois.
The second alternate is Yannik Singh, a
senior at Carmel High School in Indiana.

“When we announced the final four,
I got a little emotional,” says head men-
tor Patrick Chan, a chemistry teacher at
Benjamin N. Cardozo High School in New
York. “I’m very very proud of them; they
are far above my expectations.”

Chan says this year’s team is extremely
strong in their theoretical knowledge, and
he has high hopes for the international
competition in Paris.

“It still is kind of surreal, Liu says of
making the team. “So many hours and so
much effort put into this, and seeing it pay
off, it’s really great.”

Jin says he is looking forward to meet-
ing chemistry students from around the
world. “It’s really exciting to be able to
bond over chemistry,” he says.

Ni says the study camp experience
helped him feel more comfortable in a lab.

Chan notes that this year’s study camp
program placed a particular emphasis on
connecting chemistry with the real world.
In addition to the chemistry lectures and
lab practicals, students heard talks by
chemists from industry, academia, and
government. For example, a scientist from
NASA spoke with the students about re-
search on the ozone layer. And a chemist
from industry spoke about her career path.

“It showed me how versatile hav-
ing knowledge in chemistry is,” Ravan
says. “That it can really be applied any-
where.”—LINDA WANG

Call for papers: 2019 SERMACS

Abstract submissions are being accepted for the 2019 Southeastern Regional Meeting of the American Chemical Society (SERMACS), which will be held Oct. 20–23 in Savannah, Georgia.

This year’s theme is “Chemistry on the Coast.” More than 70 half-day technical sessions will cover all disciplines of chemistry. Award-winning author John Laurence Busch will deliver the plenary lecture, titled “Corro-
sion Chemistry: Building the First ‘Steamship’ in History.”

The meeting will have career services, outreach and education workshops, leadership development courses, an exhibition, and a graduate school fair. The undergraduate program will include oral and poster sessions, a pizza networking social, and interactions with industrial chemists highlighting women in local industry. The Younger Chemists Committee will sponsor a visit to a local Savannah brewery.

The final program summary will be published in C&EN in the fall; the online program will be available on Sept. 9. Abstracts are open until July 15. To submit an abstract, visit ACS’s Meeting Abstracts Programming System at maps.acs.org. For more information, visit www.sermacs2019.org.—LINDA WANG

CAS names its 2019 Future Leaders

Twenty-nine early-career scientists from 16 countries are heading to CAS headquarters in Columbus, Ohio, on Aug. 19–24 as part of the 2019 class of CAS Future Leaders.

The program, organized by CAS, which is a division of the American Chemical Society, aims to expand the professional networks of up-and-coming PhD students and postdoctoral researchers from around the world who are shaping the future of scientific information and innovation.

Awardees will collaborate on new initiatives to support the scientific community, exchange ideas about the role of information within the research process, and hear from industry and academic leaders about the role of science in the global economy, academia, and the me-

dia. Participants will also attend the ACS
national meeting in San Diego in August.

The 2019 CAS Future Leaders are Olga Bakulina, Saint Petersburg State University; Kerry Betz, Stanford University; Aisha Nazirian Bismillah, Durham University; Nathan Boase, Queensland University of Technology; Lucas Busta, University of Nebraska; Cassandra Callmann, North-western University; Subhash Chander, Indian Institute of Science Education and Research Mohali; Connor W. Coley, Massa-
chusetts Institute of Technology; Yuanxin Deng, East China University of Science and Technology; Andreas Ehnbom, Texas A&M University; Ehsan Feredyuni, University of Florida; Mahlet Garedew, Yale University; Farnaz Heidar Zadeh, Ghent University; Jazmín Ciciliol Hilario-Martínez, Merito-
rious Autonomous University of Puebla; Gregory K. Hodgson, Ryerson University; Arianne C. Hunter, University of Oklaho-
a; Marc-André Légaré, Julius Maximilian University of Würzburg; Dickson Mambwe, University of Cape Town; Jovana V. Milić, Swiss Federal Institute of Technology, Lau-
sanne (EPFL); Sean N. Natoli, University of California, Berkeley; Meagan Oakley, University of Alberta; Yoonsu Park, Korea Advanced Institute of Science and Technol-
ology; Vanessa Sanchez, Harvard University; Jesus Sanjose-Orduna, Institute of Chem-
ical Research of Catalonia; Koichi Sasaki, Kyushu University; Tracy Schloemer, Colorado School of Mines; Dannie van Osch, Eindhoven University of Technology; Paulette Vincent-Ruz, University of Pittsburgh; and Liang Zhang, University of Manchester.—LINDA WANG
Call for papers: 2019 SWRM-RMRM

Abstract submissions are being accepted for the 2019 joint Southwest and Rocky Mountain Regional Meeting (SWRM-RMRM), which will be held Nov. 13–16 at the El Paso Convention Center in Texas.

The meeting will highlight advances in environmental and analytical chemistry at the nanoparticle, molecular, biological, and solid-state interfaces and their intersections. In addition to 16 technical symposia and a poster session, the meeting will feature an instrument exhibition and a plenary lecture by ACS president-elect Luis Echegoyen.

The final program summary will be published in C&EN in the fall; the online program will be available on Sept. 30.

Abstracts are due by Aug. 12. Please visit the meeting website or ACS’s Meeting Abstracts Programming System at maps.acs.org to submit an abstract. For more information, visit www.swrm.org.—LINDA WANG

AWARDS

Analytical Division presents 2019 awards

The American Chemical Society Division of Analytical Chemistry has announced the 2019 recipients of its awards, which recognize important contributions to the major scientific aspects of the discipline. The awards will be presented during a symposium at the fall ACS national meeting in San Diego.

Patrick Unwin, a professor of chemistry at the University of Warwick, is the winner of the ACS Division of Analytical Chemistry Award in Electrochemistry. His research group has pioneered techniques for innovative nanoscale electrochemical imaging.

Joel Harris, a professor of chemistry at...