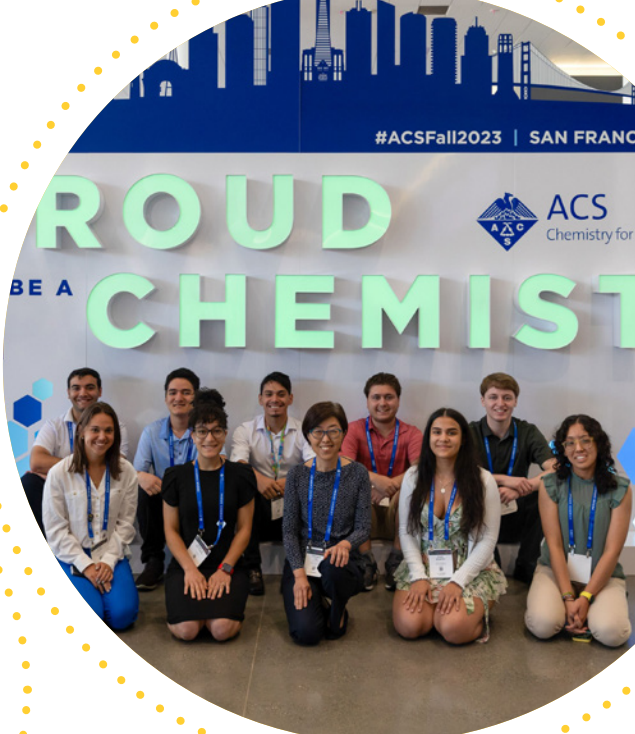




ACS

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2024 Guide to ACS Membership



acs.org/membership

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Please note: All ACS benefits are subject to change. Additionally, some of these benefits are specific to the selected membership package. Learn more about all ACS benefits and packages at www.acs.org/membership.



"I joined ACS because I felt like it was the perfect place to connect with other chemists. It would also give me the opportunity for networking and furthering my career. This has been one of the best decisions I've made."

- A. WOOTEN
Member since 2017

DISCOVER

Through a combination of innovative services, creative collaboration, and transformative technology, ACS provides authoritative, comprehensive, and indispensable chemistry-related resources to members, authors, researchers, and others involved with the chemical sciences.

CHEMICAL & ENGINEERING NEWS (C&EN)

Read C&EN for in-depth analysis and reporting on the latest developments in science and technology, business and industry, government, education, and employment trends. Keep up with the chemical sciences via C&EN's daily news coverage on cen.acs.org; the award-winning weekly magazine, available in print and digital formats; or one of its weekly newsletters.



ACS JOURNALS

ACS Publications publishes more than 85 peer-reviewed journals that serve the needs of scientists who demand the highest quality research in the chemical and related sciences.

From the *Journal of the American Chemical Society (JACS)*, first published in 1879, to newer titles including *ACS ES&T Air*, *ACS Sustainable Resource Management*, *Environment & Health* and *Chem & Bio Engineering*, ACS Journals include both completely open access journals and certified transformative journals that are committed to a complete future transition to open access.

Of the 68 ACS Journals that received a Journal Impact Factor™ in 2023, 10 were featured in the Journal Citation Reports™ for the first time and ACS Journals achieved a median Journal Impact Factor™ of 5.3. With over 4.4 million portfolio-wide citations in 2022, ACS Journals demonstrate their continuing importance and enduring impact as vehicles for scientific innovation and discovery. Explore all ACS Journals at pubs.acs.org

*Source: *Journal Citation Reports™*, (Clarivate 2023)

Discover

OPEN ACCESS JOURNALS

Open access publishing is of growing importance to researchers, institutions, and research funders worldwide. ACS is committed to providing authors with equitable routes to open access publishing, and in moving science forward through the open sharing of results, data, and more.

ACS Central Science

Free to read and publish, *ACS Central Science* is a diamond open access journal, home to the most compelling discoveries with exceptional impact across the chemical sciences and beyond. The journal publishes interdisciplinary articles of exceptional significance across chemistry and chemistry-related fields, along with a diverse selection of news, reviews, interviews, and commentaries of broad interest to the scientific community. pubs.acs.org/acscentralscience

ACS Omega

ACS Omega is a global open-access journal for the publication of scientific articles that describe new findings in chemistry and interfacing areas of science, without any perceived evaluation of immediate impact. *ACS Omega* has a broad, multidisciplinary, and interdisciplinary scope, and rapidly publishes high-quality new findings as well as large datasets, noteworthy negative results, Mini-Reviews, and more. pubs.acs.org/acsomega

JACS Au

JACS Au is the open access sister journal to the *Journal of the American Chemical Society* (JACS) and matches the exceptional editorial and publishing standards of the world's most cited chemistry publication. *JACS Au* allows for the rapid dissemination of cutting edge, high impact research across the breadth of chemistry and all related areas intersecting with chemistry. pubs.acs.org/jacsau

The ACS Au Family

ACS publishes a range of fully open access journals that are committed to publishing high quality, open access research reports of significant new developments across specific subject disciplines. These include:

- *ACS Bio & Med Chem Au*
- *ACS Engineering Au*
- *ACS Environmental Au*
- *ACS Materials Au*
- *ACS Measurement Science Au*
- *ACS Nanoscience Au*
- *ACS Organic & Inorganic Au*
- *ACS Physical Chemistry Au*
- *ACS Polymers Au*

acsopscience.org/researchers/oa-journals

Chem & Bio Engineering

Chem & Bio Engineering (published in partnership with Zhejiang University) is a peer-reviewed, open access journal that publishes recent and significant advances in all aspects of chemical and biological engineering.

pubs.acs.org/journal/cbehb5

Chemical & Biomedical Imaging

Chemical & Biomedical Imaging (published in partnership with Nanjing University) publishes cutting-edge research on all aspects of chemical and biomedical imaging. pubs.acs.org/journal/cbihbp

Environment & Health

Environment & Health (published in partnership with Research Center for Eco-Environmental Services, Chinese Academy of Sciences) explores the health consequences for individuals and communities of changing and hazardous environmental factors. pubs.acs.org/journal/ehnea2

Precision Chemistry

Precision Chemistry provides a unique and highly focused publishing venue for fundamental, applied, and interdisciplinary research aiming to achieve precision calculation, design, synthesis, manipulation, measurement, and manufacturing.

pubs.acs.org/journal/pcrhej

Discover

Open Access Publishing

Authors can publish open access in any of ACS's growing portfolio of completely open access journals, or through an open access license in any of ACS's transformative journals (publishing a mix of subscription and open access content). ACS Members and authors at subscribing institutions may be eligible for special discounts when publishing an open access publication in ACS Journals. To learn more about open access publishing options and how ACS supports the open science and open access movements, please visit acsopscience.org.

OPEN SCIENCE

ChemRxiv

ChemRxiv is a free submission, distribution, and archive service for unpublished preprints in chemistry and related areas. Introduced in 2017, ChemRxiv now hosts over 20,000 preprints. It is co-owned and collaboratively managed by the American Chemical Society, the Chinese Chemical Society, the Chemical Society of Japan, the German Chemical Society, and the Royal Society of Chemistry. Authors have the opportunity to put their research articles immediately online and share with scientists and colleagues prior to formal peer review. chemrxiv.org

SciMeetings

SciMeetings showcases emerging research from ACS events. It increases the visibility, reach, and impact of research by providing permanent storage of posters and presentations. Presenters who add SciMeetings to their ACS event registration will also earn a DOI and an open access license for their poster or presentation. SciMeetings is the official repository for all ACS events, and allows researchers to extend the longevity of posters and presentations beyond the event. scimeetings.acs.org



ACS PUBLICATIONS BENEFITS

Access over 1 million articles and book chapters from the most trusted, most cited, and most read publications in the chemical and related sciences. Online access to any 50 free access tokens to all ACS Journals, ACS eBooks, and C&EN Archives is included with an annual membership. Additional single articles are available at a significant discount to ACS Members:

- US \$14 for ACS Journal articles and ACS eBook chapters
- US \$7 for C&EN Archives



ACS Member E-Subscriptions

E-subscriptions are available to Emeritus, Retired, and Unemployed Members, and sole proprietors at a uniform price of US \$136 per year for ACS Journal and Archive E-subscription titles. Qualified members have access to 250 articles per journal, per subscription term, and may subscribe to a total of five E-subscriptions.

Additionally, all ACS Members qualify for a special member-only subscription rate of US \$99 to the *Journal of Chemical Education* that also includes an Archive E-subscription. Additional discounted rates are available for undergraduates, graduate students, and K-12 teachers. Go to pubs.acs.org/journal/jceda8 to learn more. Similarly, all ACS Members can take advantage of a special member-only subscription rate of US \$136 for the *Journal of Natural Products* that also includes an Archive E-subscription.

pubs.acs.org/journal/jnprdf



ACS Discovery Reports

As part of an annual membership, ACS Members receive a special report each quarter on a current topic in chemistry. The reports are published by C&EN, and subjects covered to date include gene editing, plastics, artificial intelligence, food supply, machine learning, and more. Besides receiving a new report every three to four months, ACS Members also have access to the online archive of all reports published to date. acs.org/discoveryreports

Discover



ACS Editors' Choice

Based on recommendations from ACS journal editors around the world, a panel of ACS editors selects and makes free to read one article daily that exemplifies the ACS commitment to improving people's lives through the transforming power of chemistry.

These articles have been added each day since January 1, 2014.

pubs.acs.org/editorschoice

ACS AUTHORIZING SERVICES

Since 2014, ACS Publications' Authoring Services has helped thousands of authors prepare their manuscripts with English language editing, translation, figure services, and more. In 2022, the website was refreshed with new services, including graphical abstract and poster preparation, enhanced customer support, and websites dedicated to China, Japan, Korea and Latin America. Staffed by experienced researchers, Authoring Services is designed to help improve and polish manuscripts to boost the likelihood of publication and maximize the impact of the work. Members with the Premium Package qualify for a special 20% discount on select services. authoringservices.acs.org

ACS Guide to Scholarly Communication

The *ACS Guide to Scholarly Communication* covers all instructions from previous editions of the ACS Style Guide — completely updated and modernized — and is available to all ACS Members at a special rate of US \$65. pubs.acs.org/acsguide

Supplementary Journal Cover Discount

All ACS Journals offer a great way to promote new research with supplementary journal covers. Artwork can be uploaded alongside revised manuscripts for consideration for a front cover or one of four supplementary covers per issue. Front cover costs are fully covered by ACS. ACS Members receive a \$225 discount off the program cost associated with selection for a supplementary cover.

CAS



CAS, a division of the American Chemical Society, is a leader in scientific information solutions, partnering with innovators around the world to accelerate scientific breakthroughs. CAS employs over 1,400 experts who curate, connect, and analyze scientific knowledge to reveal unseen connections. For over 100 years, scientists, patent professionals, and business leaders have relied on CAS solutions and expertise to provide the hindsight, insight, and foresight they need so they can build upon the learnings of the past to discover a better future.

CAS SciFinder[®] is a research discovery solution from CAS that provides unlimited access to CAS content. ACS Members are eligible to receive 25 complimentary CAS SciFinder[®] activities for personal use per membership term. cas.org/scifinder

INDUSTRY MEMBER RESOURCES

ACS offers many benefits for ACS Members working in industry, including resources for professional development, funding, awards, entrepreneurial resources, and more. See an expanded list of ACS Industry programs at acs.org/industry.

The monthly *ACS Industry Matters* newsletter features member-exclusive interviews including leadership advice from industry executives, career-boosting tips from ACS Career Consultants, fascinating spotlights on chemical innovation, workplace safety tips, and more. *ACS Industry Matters* content provides the information ACS Members need to address the unique questions, challenges, and opportunities that they face working in the chemical industry today. Browse articles and subscribe at acs.org/industry-matters.

Discover

ACS GREEN CHEMISTRY INSTITUTE

The ACS Green Chemistry Institute® (ACS GCI) brings people together to reimagine chemistry and engineering for a brighter, more sustainable future. Green chemistry is an approach to chemistry that spurs innovations in the design, development, and implementation of chemical products and processes that directly benefit businesses, people, and the planet. No matter what your expertise, discover how you can participate and contribute to ACS GCI's efforts in making green chemistry a central building block of a sustainable, thriving global economy. acs.org/greenchemistry

Industrial Engagement

ACS GCI collaborates closely with industry to accelerate the adoption of green and sustainable chemistry and engineering. With over 50 industry partners, GCI's collaborations advance scientific knowledge by funding research projects; developing tools and metrics to drive innovation and accountability; and provide industrial perspective by publishing scientific papers and organizing symposia globally. Additionally, ACS GCI provides opportunities for leadership development and educating the next generation of chemists and engineers through travel grants, workshops, and training opportunities.



Green & Sustainable Chemistry Education

The vision of ACS GCI for the future of chemistry education is one that equips and inspires chemists to help solve the grand challenges of sustainability. We believe chemistry education must include concepts such as systems thinking, and contexts such as the UN Sustainable Development Goals, together with the principles of green and sustainable chemistry and engineering. This approach involves bringing together educators and other stakeholders to integrate these concepts into the existing chemistry curriculum. To this end, ACS GCI is working with educators to develop new high-quality educational modules for general and organic chemistry courses.

For green chemistry practitioners at all levels, ACS GCI offers a variety of resources, awards, webinars, and special programs to improve the understanding and application of green chemistry principles, alternatives, and practices. ACS GCI also hosts an annual Green Chemistry & Engineering Conference (see page 14, GC&E Conference).

ACS Campaign for a Sustainable Future

This strategic initiative initiated by the ACS Board of Directors in 2022 provides leadership in advancing chemistry innovations to address the challenges articulated in the UN 2030 Sustainable Development Goals. This multifaceted campaign will have lasting impact on how we conduct research, how we teach chemistry and how we collaborate globally. acs.org/sustainability

ACS WEBINARS

ACS Webinars brings you engaging and interactive broadcasts every week featuring the best and brightest minds in chemistry. Simply create an ACS ID to register for free and join the live broadcasts. There's a topic of interest for every chemist and you can become part of each webinar by responding to polls and asking questions during the live Q&A. Access to previous webinar recordings is an exclusive benefit for ACS Members with the Premium Package, and they are made available once the recording has been edited and posted to the registration website. See the schedule of upcoming events and browse hundreds of archived recordings at acs.org/acswebinars.



"When I moved after a post doc, ACS was my way of meeting other chemists and finding employment. For the last 20 years I have been active in our local section, meeting many wonderful fellow chemists."

– M. RAKOWSKY

Member since 1982

CONNECT

As an ACS Member, you'll meet like-minded professionals, make lasting connections, and join communities unmatched by any other professional organization. Collaborate and network on a local and global stage with chemical and STEM professionals at every level, all of whom are committed to sharing and connecting with you.

MEETINGS & CONFERENCES

ACS MEETINGS & EXPOSITIONS

The ACS Meeting and Exposition is held twice annually with five days of symposia, tutorials, and poster sessions that cover every area of chemistry, chemical engineering, and related sciences. Each comprehensive exposition delivers additional value to meeting attendees, featuring more than 170 scientific companies per event. At each meeting, the ACS Career Navigator™ hosts Career Navigator LIVE! as well as workshops, Leadership Development courses, Career Pathways™ Workshops, and Professional Education Courses with renowned instructors. ACS Members with a qualifying membership package can receive a meeting registration discount of up to 40% off the regular rate.

ACS SPRING 2024 | MARCH 17 – 21 | NEW ORLEANS, LA
MANY FLAVORS OF CHEMISTRY

ACS FALL 2024 | AUGUST 18 – 22 | DENVER, CO
ELEVATING CHEMISTRY

ACS SPRING 2025 | MARCH 23 – 27 | SAN DIEGO, CA

ACS FALL 2025 | AUGUST 17 – 21 | WASHINGTON, DC

Connect

ACS REGIONAL MEETINGS

ACS also sponsors regional meetings throughout the U.S. that reflect the diverse professional interests in specific geographic areas. Regional meetings generally feature three to four days of technical programming where attendees can present papers, network with colleagues, and attend workshops, as well as special programming for high school teachers and undergraduate students. Several regional meetings offer expositions featuring both commercial and academic exhibitors. There are also various awards presented at these meetings including the Division of Chemical Education Regional Award for Excellence in High School Teaching, Partners for Progress and Prosperity, and the Stanley C. Israel Regional Award for Advancing Diversity in the Chemical Sciences. Plan to attend the next regional meeting in your area and discover the excitement of networking with, and learning from, your fellow ACS colleagues.

MIDDLE ATLANTIC REGIONAL MEETING (MARM)

JUNE 5 – 8, 2024 | STATE COLLEGE, PA

NORTHWEST REGIONAL MEETING (NORM)

JUNE 23 – 26, 2024 | PULLMAN, WA

MIDWEST REGIONAL MEETING (MWRM)

OCTOBER 13 – 15, 2024 | OMAHA, NE

SOUTHWEST REGIONAL MEETING (SWRM)

OCTOBER 20 – 24, 2024 | WACO, TX

SOUTHEASTERN REGIONAL MEETING (SERMACS)

OCTOBER 23 – 26, 2024 | ATLANTA, GA

CENTRAL REGIONAL MEETING (CERM)

MEETING DATES TO BE DETERMINED | PITTSBURGH, PA

ACS also sponsors and affiliates with international meetings, symposia, conferences and other events.

acs.org/events

GREEN CHEMISTRY & ENGINEERING CONFERENCE (GC&E)

The annual GC&E Conference is an opportunity to learn how to apply green chemistry and engineering design principles, build valuable connections, and share research and insights. Over three days of programming, scientists from academia, government, and industry come together to collaborate on building a more sustainable world through chemistry and engineering. The conference includes world-renowned keynote speakers, poster sessions, and more than 40 technical sessions on subjects such as designing safer chemicals and products, bio-based chemical feedstocks, green chemistry education, and new business strategies through green chemistry innovations.

GC&E CONFERENCE | JUNE 3 – 5, 2024 | ATLANTA, GA

AI-ENABLED GREEN CHEMISTRY

gcande.org



Connect

NETWORKING

ACS Technical Divisions

Join any of the 32 technical divisions to stay current with new developments in your area of specialization. Membership in an ACS division includes access to a variety of division journals and publications as well as the opportunity to contribute to national, international, and regional meeting programming. First-time ACS Members are eligible for a free one-year membership in up to three divisions. Some restrictions apply. Go to acs.org/divisions to see the list of divisions and to join, or contact service@acs.org.

ACS Local Sections

Local sections are the face of ACS at the grassroots level. There are 185 ACS Local Sections throughout the 50 U.S. states, Washington, DC, and Puerto Rico that offer plenty of opportunities to learn new skills, grow professionally, network, and contribute to your community's understanding and appreciation of chemistry. ACS Members are automatically assigned to a Local Section based on their zip code. acs.org/localsections

ACS International Chemical Sciences Chapters (ICSCs)

The international equivalent of U.S. Local Sections are the ICSCs. Through these chapters, chemists outside the U.S. can tap into efforts to advance chemistry around the world and connect with other chemists in a geographic region by joining or establishing an ICSC. acs.org/international

ACS Link

ACS Link is a portal to expert knowledge from the ACS community around the world. Get answers to your questions on virtually any topic that has to do with the chemical sciences while expanding your professional network. ACS Link leverages the global ACS community, using artificial intelligence to help connect you with members who can provide answers to your questions, privately. Connect one-to-one about everything from science and career paths to business development and more. acs.org/acslink



ACS Network

The ACS Network is an open social collaboration platform for the chemical community. Scientists and professionals from around the world can collaborate and interact with each other within this trusted space. It is an ideal place for scientists to grow and get involved with ACS activities. Wherever you are in your career or education, the ACS Network can help you meet colleagues, engage on projects, share content and opportunities, organize groups and activities, and much more. communities.acs.org

ACS Matters Weekly Newsletter

New ACS Members are automatically subscribed to the weekly *ACS Matters* newsletter. The letter is sent every Tuesday and contains brief articles of general interest on news and events from ACS, ACS Publications, and other organizations. ACS Members can manage all their ACS email preferences by logging in with their ACS ID at the Email Preference Center. There are also many other additional subscription-based email options available. acs.org/preferences.

Connect

PERSONAL BENEFITS



ACS Member Insurance Program

The ACS Member Insurance Program offers a wide range of coverage options to meet the unique needs of ACS Members. There are options for life, disability, long term care, professional liability, chemical educator's legal liability, auto, home, pets, and more. Discover all the coverage options available to help build an insurance portfolio that protects your life's most important elements at acs.org/insurance.



Science Product Discounts

IKA Works, Inc.: ACS Members based in the U.S. and Canada can take advantage of special discounted pricing on select laboratory and analytical equipment.



Car Rental Discounts

Save up to 30% on car rentals through AVIS and Budget.



FedEx Discounts

For small package shipments, U.S. based ACS Members can rely on FedEx for all of their shipping needs and save through the FedEx Advantage Program, receiving 45% off FedEx Express and 25% off FedEx Ground. If you currently ship with FedEx, you can continue to use the service the same way you do today. After you enroll in the FedEx Advantage Program, the discounts will be added to your account and then automatically applied to your shipments.



Freight Savings with PartnerShip

For freight shipments over 150 lbs., ACS Members based in the U.S. can save with top carriers including TForce Freight, XPO, Saia, and many others. These competitive rates are made available through our relationship with shipping provider PartnerShip. With this free benefit, you'll reduce your freight costs, easily rate shop between carriers, and get dedicated support from shipping experts. Whether you're shipping a single pallet or a full truckload, PartnerShip will help you ship smarter.



Office Supplies

ACS Members enjoy discounts on office products and printing services at Office Depot.



Lenovo Computer Products

Special discounted pricing on Lenovo technology products is available to U.S. based ACS Members.



Betchart Expeditions

Travel the world with groups of like-minded travelers and scientific experts who share a love of learning and discovery.

Additional information on all the personal benefits previously listed can also be found at acs.org/membership. *Please note: Personal member benefits may vary across geographic areas.*



"As a faculty member, I am a huge ACS advocate, encouraging students to join their professional organization so they become aware of the larger chemical enterprise of which they are a part."

– C. FRECH
Member since 1981

ADVANCE

ACS gives you the tools to advance your career wherever you want to go. Whatever your interests, goals, and ambitions may be, ACS resources will help you succeed and thrive in an ever-changing global economy.

CAREER RESOURCES



ACS Career Pathways™ Workshops

Learn more about the four main pathways available to chemistry professionals: academia, industry, government, and entrepreneurship and discover which path is the best fit for you. The Career Pathways program also offers workshops on developing your resume, networking, interviewing, and salary negotiation. ACS Career Pathways Workshops are available at ACS Spring and Fall Meetings, regional meetings, and online. Learn more about the workshops at acs.org/careerpathways.



ACS Career Navigator LIVE!

Available at ACS Spring and Fall Meetings, Career Navigator Live! (CNL) offers the ultimate professional development experience for chemists from all backgrounds. Whether you're a student, a mid-career professional, or even preparing for retirement, CNL has resources available to help you. Offering free career-related workshops, personal career consultations, professional headshots, immigration advice, networking activities, and the opportunity to meet with some of the top chemistry employers, CNL has something for everyone.

Advance



Personal Career Consulting

The diverse team of ACS Career Consultants provides ACS Members with personalized career advice through resume reviews, mock interviews, LinkedIn profile reviews, and general career counseling sessions. Career Consultants are available at ACS Spring and Fall Meetings, regional meetings, and online year-round.

acs.org/careerconsultants



C&ENjobs

The primary tool for ACS Members to find open positions that match their skills and career goals is C&ENjobs. Search an extensive network of jobs and employment opportunities for scientific professionals, upload your resume, get job alerts, and more.

chemistryjobs.acs.org



ACS Salary Calculator™

Ensure you're being fairly compensated as compared to others in similar jobs. The ACS Salary Calculator provides median-based salary data by career choice and your projected future salary. Data are adjusted for inflation. acs.org/calculator



ACS Career Kick-Starter Workshop

Chemical science departments are encouraged to host an in person or virtual ACS Career Kick-Starter Workshop, a career development event for graduate students and postdoctoral scholars. In a short period of time, this workshop provides participants with the necessary knowledge and tools that would otherwise require weeks of individual effort to obtain. acs.org/careerkickstarter



Postdoc to Faculty Workshop (P2F)

The P2F workshop seeks to help graduate students and postdocs prepare for an academic career. This workshop compares and contrasts positions and expectations in undergraduate and graduate chemistry departments, providing assistance with, and feedback on, academic job application materials. Strategies for balancing scholarship, teaching, and service expectations with life outside of academia are also examined. Additionally, the workshop creates a network of early career faculty along with mentors who can help serve as guides for the new faculty. acs.org/P2F

ACS Institute

The ACS Institute is a comprehensive and authoritative learning platform supporting the broad chemistry community across the spectrum of learning. Courses and workshops are taught by expert instructors and allow you to stay on top of new technology, growing trends in your industry, and the skills you need to advance your career. Training is available in person at various locations in the U.S. and online throughout the year. Also offered are lab component courses, providing a unique experience that combines lectures with valuable hands-on training in the lab. ACS Members with a Premium Package may qualify for a savings of up to US \$200 per course. Go to institute.acs.org to see the full course catalog of both fee-driven and free learning courses.

LinkedIn Learning

ACS Members with the Premium Package have access to LinkedIn Learning, an on-demand, online learning platform that offers thousands of online courses on a variety of topics. LinkedIn Learning provides the opportunity to gain valuable new skills at your own pace and on your terms. acs.org/linkedinlearning

Advance

Leadership Development

Broaden your horizons with the ACS Leadership Development Program and learn essential skills to strengthen your competitive advantage in today's global economy. This suite of workshops and courses provides ACS Members with an opportunity to take courses in a face-to-face setting as well as online. ACS Leadership Development workshops are focused on areas of leadership competency that have been found to differentiate leaders in corporate and many other organizational environments including:

- Self-awareness
- Fostering Effective Teams
- Managing to Results
- Organizational Strategy and Operations
- Effective Communication

acs.org/careers/leadership

STUDENT BENEFITS

In addition to all the benefits described throughout this guidebook, undergraduate, graduate, and post-doctoral scholars also have access to a suite of student-specific benefits.



inChemistry Magazine

The ACS magazine for undergraduate student members, offering insights on career planning, graduate school, developing professional skills, and academic achievement. acs.org/inchemistry



Graduate & Postdoctoral Chemist Magazine

This publication features in-depth advice on developing critical professional skills, career planning, scientific training, and wellness, along with an extensive collection of awards, fellowships, grants, and experiential opportunities. gpchemist.acs.org



Community Leadership: Student Chapters and Graduate Student Organizations

ACS student members are eligible to become officers of their ACS student chapter or graduate student organization (GSO) and apply for the annual ACS Leadership Development Institute. Connect with fellow students, faculty, and chemists; develop your leadership skills; and provide service and outreach to your local community. Learn more about starting or getting involved with the student chapter or GSO on your campus at acs.org/studentcommunities.



Student Community Grants

ACS grants are available to support active ACS student chapters and GSOs. Grants can be used for community engagement, promoting equity and inclusion, travel, and even starting or renewing a student community. acs.org/studentchaptergrants

CAREER PLANNING SUPPORT, WORKSHOPS & SCHOLARSHIPS



Careers & the Chemical Sciences

Discover the wide range of career options in the chemical sciences. Explore more than 40 careers in industry, academia, government, and nonprofit organizations; read the real-life experiences of more than 100 chemists; and get the information you need to enter the job market. acs.org/collegetocareer



ChemIDP™

The online ChemIDP tool assists students and postdocs in the chemical sciences with their career planning through immersive, self-paced activities where users can identify career goals, determine specific skills needed for success, and develop a plan to achieve their professional goals. ChemIDP helps you track your progress and provides tips and strategies for success. chemidp.acs.org

Advance



Taking the Lead in Your Career Workshop

Based on the individual development plan process and the ChemIDP™ tool, this workshop is designed to help undergraduates, graduate students, and postdoctoral scholars assess their values, strengths, and skills; explore available career options; and map out their career goals. Attendees will additionally learn how ChemIDP can support their career planning and tracking. Workshop modules that vary in length and scope are available to cater to the individual needs of the university or department. These interactive workshops can be presented virtually or in person. Contact ChemIDP@acs.org for more information.



ACS Get Experience Database

Find undergraduate research opportunities, internships, summer jobs, and co-ops that provide real-world experience for students who want to pursue a career in the chemical sciences through the ACS Get Experience Database. The database includes opportunities available globally in private companies, academic institutions, government agencies, and nonprofit associations. For international undergraduate students, the job listings also include multi-national organizations that have internships in many countries around the world. getexperience.acs.org



ACS Scholars

The ACS Scholars Program awards renewable scholarships to undergraduate students from historically underrepresented groups in the chemical sciences who are majoring in chemistry-related disciplines and intending to pursue chemistry-related careers. Selected recipients are awarded up to US \$5,000 per academic year. To date, over 3,500 students have received funding from the program. acs.org/scholars



ACS Bridge Project

The ACS Bridge Project provides support to undergraduate students who are primarily Black, Latinx, Hispanic, or Indigenous on their path to graduate school. The program provides workshops, travel grants, and transitional resources to ensure students successfully enter and thrive in PhD programs. acs.org/bridge



ACS on Campus

Dedicated to helping students, post-docs, and faculty advance in their present and future careers, ACS on Campus is the Society's premier outreach program. Each year, ACS on Campus hosts programming virtually and at in-person events for hundreds of institutions around the world, bringing you leaders in chemistry, publishing, research, science communication, and career development. At these free events, you'll network with top chemistry professionals, learn about publishing directly from ACS editors, get tips on your next career move, and more. acsoncampus.acs.org



AWARDS, GRANTS & FELLOWSHIPS

Honoring Excellence & Achievement

ACS sponsors a broad range of national, regional, and local section awards to recognize accomplishments and service to the chemical sciences and related disciplines that have helped advance and continue research to benefit humanity.

ACS National Awards Program

ACS administers 63 national awards, including such prestigious honors as:

- Priestley Medal
- David A. Evans Award for the Advancement and Education of Organic Synthesis
- Arthur C. Cope Award
- ACS Award for Affordable Green Chemistry
- Earl B. Barnes Award for Leadership in Chemical Research Management
- James Bryant Conant Award in High School Chemistry Teaching
- Irving Langmuir Award in Chemical Physics
- Kathryn C. Hach Award for Entrepreneurial Success
- Harry Gray Award for Creative Work in Inorganic Chemistry by a Young Investigator
- Josef Michl Award in Photochemistry
- Nobel Laureate Signature Award for Graduate Education in Chemistry
- Henry H. Storch Award in Energy Chemistry
- M. Frederick Hawthorne Award in Main Group Inorganic Chemistry

acs.org/nationalawards

ACS ChemLuminary Awards

Awarded annually at the ACS Fall Meeting, the ChemLuminary Awards recognize local sections, technical divisions, regional meetings, and international chemical sciences chapters for their tireless efforts and work in promoting chemistry and the chemical sciences. acs.org/chemluminary

ACS Fellows Program

An ACS Fellow designation is granted each year to ACS Members who have demonstrated excellence and leadership in the chemical sciences or the profession and in volunteer service to the ACS community. acs.org/fellows

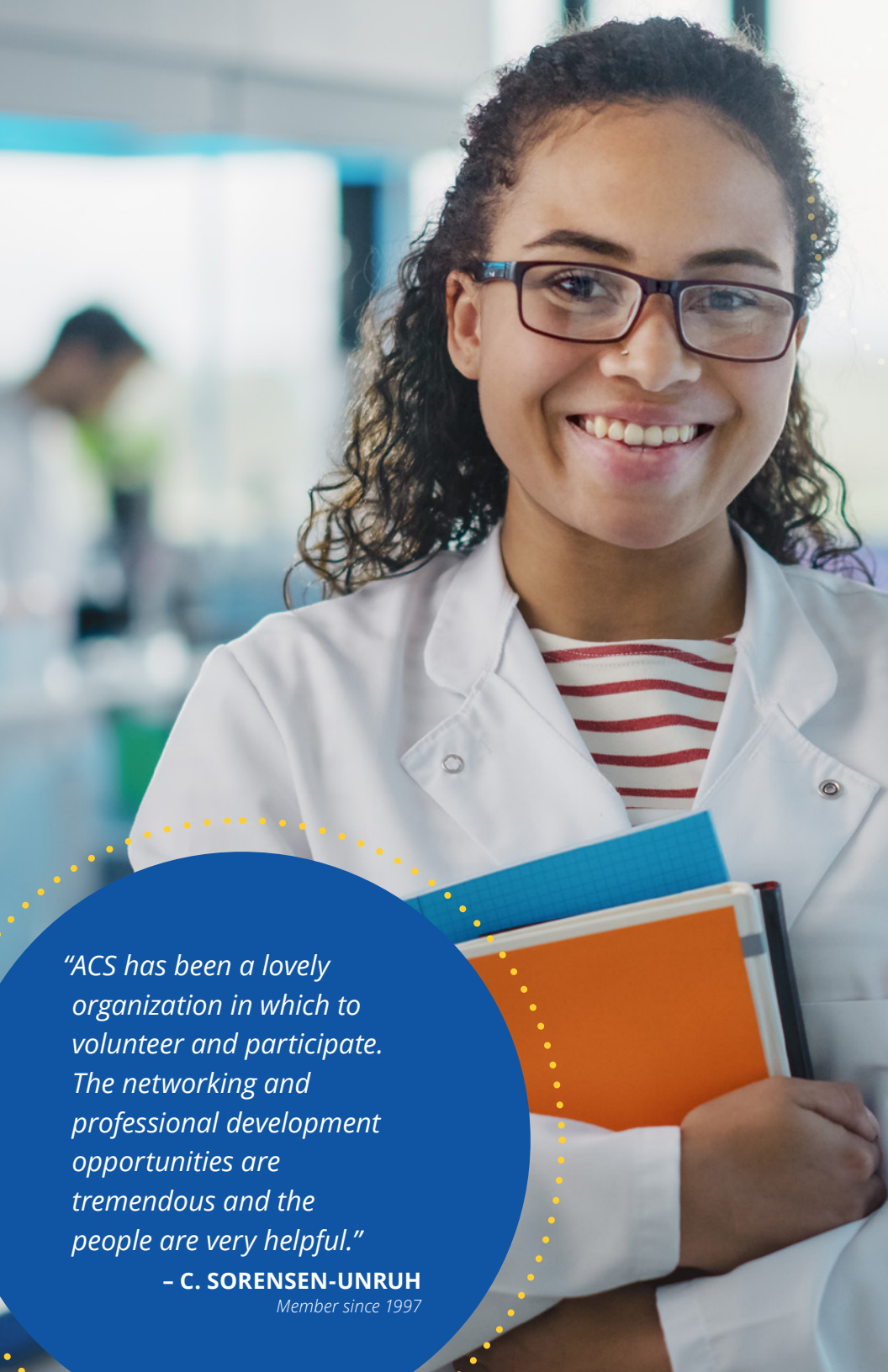
ACS Congressional Fellowships

The ACS Congressional Fellowship program selects two ACS Members each year as fellows to serve as staff members in the office of a U.S. senator, representative, or congressional committee, as part of the broader effort administered by the American Association for the Advancement of Science that places more than 30 scientists per year in Congress. The program has two main goals: to provide policymakers with high-quality information on science-related issues and to educate scientists on how government functions and how science policy is made. acs.org/policyfellow

ACS Science Policy Fellowship

The ACS Science Policy Fellowship program selects an ACS Member to serve for one to two years and work alongside ACS staff to advance specific policy recommendations on issues affecting the chemistry enterprise, inform and involve ACS Members in the policy process, and gain in-depth professional experience in science policy. acs.org/policyfellow





"ACS has been a lovely organization in which to volunteer and participate. The networking and professional development opportunities are tremendous and the people are very helpful."

– C. SORENSEN-UNRUH

Member since 1997

SHARE

ACS is at the forefront in preparing the next generation of chemists and chemical engineers, taking the lead in promoting programs and legislation that will ensure the future of the chemistry enterprise.

ACS SPEAKER DIRECTORY

The ACS Speaker Directory is designed for members who are looking for opportunities to share their expertise and passion for chemistry. Advantages of creating a speaker profile include: gaining visibility in your field, sharing your research with local sections, technical divisions and other ACS groups, growing your professional network and advancing your career. Speakers may indicate their availability for in-person, virtual and hybrid speaking engagements. Create your profile at acs.org/speaker-directory

ACS OFFICE OF PHILANTHROPY

The Office of Philanthropy advances the Society's mission by seeking and securing philanthropic support from individuals, foundations, and corporations. Member donations support ACS programs that benefit students, teachers, and researchers, enhancing the chemistry enterprise and increasing public understanding of chemistry. acs.org/donate; acs.org/legacy

OFFICE OF DIVERSITY, EQUITY, INCLUSION & RESPECT

The Office of Diversity, Equity, Inclusion, and Respect (DEIR) operates as the central hub that coordinates, supports, and guides efforts by staff, members, and governance toward Strategic Goal 5, "Embrace and Advance Inclusion in Chemistry," in the ACS Strategic Plan. The Office helps the Society foster a more inclusive culture so that everyone in the chemistry enterprise, no matter their lived experiences, identities, expertise, and perspectives, can thrive. The Office of DEIR also supports everyone in upholding the ACS core value of DEIR. acs.org/diversity

Share

COMMUNITY OUTREACH

Share your passion for chemistry with the public and connect with other ACS Members through programs such as National Chemistry Week, Chemists Celebrate Earth Week, Kids & Chemistry, International Chemistry Festivals, and more at acs.org/outreach. Learn how you can maximize the impact of your outreach activities with the on-demand Outreach Training Program at acs.org/otp.

GOVERNMENT AFFAIRS

As part of the Office of the Secretary and General Counsel, Government Affairs is responsible for collaborations with a diverse group of governmental and non-governmental stakeholders with related interests and goals of ACS. The function acts in a non-partisan, balanced and credible manner to ensure that public policy development benefits from current scientific knowledge and that it advances the chemistry enterprise's ability to contribute to the general welfare of society. Activities include advocacy, public policy development, symposia and programming, partnerships, and general external outreach.

THE ACS BOARD OF DIRECTORS & COUNCIL

The ACS Board of Directors and Council serve as the governing bodies of ACS. The Board meets at least four times annually and consists of 15 elected members and the ACS Chief Executive Officer. It is the legal representative of ACS, administering property, funds, and affairs, as well as setting ACS policy. Almost 500 voting members form the Council, which functions as an adviser to the Board. Local sections and divisions elect representative councilors. The council convenes twice a year at ACS Spring and Fall Meetings. acs.org/governance



ACS
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American Chemical Society

Periodic Table of the Elements

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| 1 H Hydrogen 1.008 | Alkaline Earth Metals | | | | | | | | | | | | | | | | 2 He Helium 4.003 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 Li Lithium 6.94 | 4 Be Beryllium 9.012 | Transition Metals | | | | | | | | | | 5 B Boron 10.81 | 6 C Carbon 12.01 | 7 N Nitrogen 14.01 | 8 O Oxygen 16.00 | 9 F Fluorine 19.00 | 10 Ne Neon 20.18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 Na Sodium 22.99 | 12 Mg Magnesium 24.31 | 13 Al Aluminum 26.98 | 14 Si Silicon 28.09 | 15 P Phosphorus 30.97 | 16 S Sulfur 32.06 | 17 Cl Chlorine 35.45 | 18 Ar Argon 39.95 | Other Metals | | | | | | | | | | 19 K Potassium 39.10 | 20 Ca Calcium 40.08 | 21 Sc Scandium 44.96 | 22 Ti Titanium 47.88 | 23 V Vanadium 50.94 | 24 Cr Chromium 52.00 | 25 Mn Manganese 54.94 | 26 Fe Iron 55.85 | 27 Co Cobalt 58.93 | 28 Ni Nickel 58.69 | 29 Cu Copper 63.55 | 30 Zn Zinc 65.39 | 31 Ga Gallium 69.72 | 32 Ge Germanium 72.64 | 33 As Arsenic 74.92 | 34 Se Selenium 78.96 | 35 Br Bromine 79.90 | 36 Kr Krypton 83.79 | 37 Rb Rubidium 85.47 | 38 Sr Strontium 87.62 | 39 Y Yttrium 88.91 | 40 Zr Zirconium 91.22 | 41 Nb Niobium 92.91 | 42 Mo Molybdenum 95.96 | 43 Tc Technetium (98) | 44 Ru Ruthenium 101.1 | 45 Rh Rhodium 102.9 | 46 Pd Palladium 106.4 | 47 Ag Silver 107.9 | 48 Cd Cadmium 112.4 | 49 In Indium 114.8 | 50 Sn Tin 118.7 | 51 Sb Antimony 121.8 | 52 Te Tellurium 127.6 | 53 I Iodine 126.9 | 54 Xe Xenon 131.3 | 55 Cs Cesium 132.9 | 56 Ba Barium 137.3 | 57 La Lanthanum 138.9 | 58 Ce Cerium 140.1 | 59 Pr Praseodymium 140.9 | 60 Nd Neodymium 144.2 | 61 Pm Promethium (145) | 62 Sm Samarium 150.4 | 63 Eu Europium 152.0 | 64 Gd Gadolinium 157.2 | 65 Tb Terbium 158.9 | 66 Dy Dysprosium 162.5 | 67 Ho Holmium 164.9 | 68 Er Erbium 167.3 | 69 Tm Thulium 168.9 | 70 Yb Ytterbium 173.0 | 71 Lu Lutetium 175.0 | 72 Hf Hafnium 178.5 | 73 Ta Tantalum 180.9 | 74 W Tungsten 183.9 | 75 Re Rhenium 186.2 | 76 Os Osmium 190.2 | 77 Ir Iridium 192.2 | 78 Pt Platinum 195.1 | 79 Au Gold 197.0 | 80 Hg Mercury 200.5 | 81 Tl Thallium 204.4 | 82 Pb Lead 207.2 | 83 Bi Bismuth 209.0 | 84 Po Polonium (209) | 85 At Astatine (210) | 86 Rn Radon (222) | 87 Fr Francium (223) | 88 Ra Radium (226) | 89 Th Thorium 232.0 | 90 Pa Protactinium 231.0 | 91 U Uranium 238.0 | 92 Np Neptunium (237) | 93 Pu Plutonium (244) | 94 Am Americium (243) | 95 Cm Curium (247) | 96 Bk Berkelium (247) | 97 Cf Californium (251) | 98 Es Einsteinium (252) | 99 Fm Fermium (257) | 100 Md Mendelevium (258) | 101 No Nobelium (259) | 102 Lr Lawrencium (262) | 103 Rf Rutherfordium (261) | 104 Db Dubnium (268) | 105 Sg Seaborgium (269) | 106 Bh Bohrium (270) | 107 Hs Hassium (277) | 108 Mt Meitnerium (278) | 109 Ds Darmstadtium (281) | 110 Rg Roentgenium (282) | 111 Cn Copernicium (285) | 112 Nh Nihonium (284) | 113 Fl Flerovium (289) | 114 Mc Moscovium (288) | 115 Lv Livermorium (293) | 116 Ts Tennessine (294) | 117 Og Oganesson (294) |

American Chemical Society

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